



JABATAN  
PERTANIAN

# LAPORAN PENYIASATAN PENGELUARAN PADI Paddy Production Survey Report MALAYSIA

**2020/2021**  
**MUSIM UTAMA**  
**Main Season**



**LAPORAN PENYIASATAN PENGELUARAN PADI**  
*Paddy Production Survey Report*  
**MALAYSIA**

**MUSIM UTAMA 2020/2021**  
*Main Season*

**JABATAN PERTANIAN**  
**SEMENANJUNG MALAYSIA**  
*Department of Agriculture*  
*Peninsular Malaysia*  
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## **KATA PENGANTAR**

Penerbitan Penyiasatan Pengeluaran Padi (PPP), Musim Utama 2020/2021 kali ke 82 ini merupakan salah sebuah terbitan bersiri Jabatan Pertanian yang membekalkan maklumat padi yang lengkap. Maklumat yang disertakan merujuk kepada PPP untuk tempoh tanaman padi antara 1 Ogos 2020 hingga 28 Februari 2021 yang merangkumi Penyiasatan Hasil dan Penyiasatan Keluasan Aktiviti Tanaman Padi.

Laporan ini membekalkan maklumat tentang skop dan metodologi penyiasatan serta keputusan PPP untuk Padi Sawah dan Padi Huma di peringkat negeri dan nasional. Disamping itu, maklumat amalan kultura dan keputusan ujian pengeringan juga dipersembahkan.

Saya berharap penerbitan ini dapat memenuhi keperluan perancang, pembuat dasar, penyelidik dan juga pihak awam.

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Jabatan Pertanian mengalu-alukan komen dan cadangan ke atas data yang dibentangkan untuk memperbaiki keluaran penerbitan ini yang akan datang.

### **DATO' ZAHIMI BIN HASSAN**

Ketua Pengarah Pertanian Jabatan  
Pertanian Semenanjung Malaysia.

November 2021

## **PREFACE**

*This publication on Paddy Production Survey (PPS), Main Season 2020/2021 is one of the several publications produced by the Department of Agriculture which provides comprehensive information on paddy. This issue is the 82<sup>th</sup> in the series of PPS publications. The information refers to PPS for the period of paddy planting between 1<sup>st</sup> August 2010 to 28<sup>th</sup> February 2021 which covers the Yield Survey and the Paddy Cultivation Activity Area Survey.*

*This report provides information on the scope and methodology of the survey and results of the PPS for Wetland Paddy and Dry land Paddy at the state and national levels. Besides this, information on farm practices and results of driage tests are also presented.*

*I hope this publication will fulfill the needs of planners, policy makers, researchers and also the public sector.*

*I would like to thank the Secretariat of the PPS, the Planning, Information Technology & Communications Division, the Paddy, Industrial Crops and Floriculture Division, the Soil Resource Management and Conservation Division, Plant Biosecurity Division, Agriculture Extension and Agro Based Industry Division, Agricultural Engineering Division, Crop Quality Control Division of the Department of Agriculture, all State Agriculture Departments, all State Drainage and Irrigation Departments, MADA, KADA, IADAs and members of the State and National Committees on PPS for their contributions and co-operations in the data collection and endorsement of this report.*

*The Department of Agriculture welcomes any comments and suggestions on the data presented for the improvement of future issues of this publication.*

**DATO' ZAHIMI BIN HASSAN**

*Director General of Agriculture*

*Department of Agriculture*

*Peninsular Malaysia.*

*November 2021*

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**PERANGKAAAN PENTING PADI -  
MUSIM UTAMA**  
*Key Statistics of Paddy - Main Season*

	<u>2017/2018</u>	<u>2018/2019</u>	<u>2019/2020</u>	<u>2020/2021</u>
<b>KELUASAN (HEKTAR)</b>				
<i>Area (hectares)</i>				
<b>Pasal Padi</b>				
<i>Paddy Parcels</i>				
<b>Malaysia</b>	284,047	282,201	281,623	283,730
<b>Semenanjung Malaysia</b>	284,047	282,201	281,623	283,730
<i>Peninsular Malaysia</i>				
<b>Kawasan jelapang padi</b>	214,281	212,540	212,168	210,090
<i>Granary areas</i>				
<b>Sabah</b>	n.a	n.a	n.a	n.a
<b>Sarawak</b>	n.a	n.a	n.a	n.a
<b>Keluasan Bertanam Padi</b>				
<i>Planted paddy areas</i>				
<b>Malaysia</b>	436,054	411,034	383,710	381,376
<b>Semenanjung Malaysia</b>	268,318	267,205	262,657	269,127
<i>Peninsular Malaysia</i>				
<b>Kawasan jelapang padi</b>	217,880	216,235	210,462	210,947
<i>Granary areas</i>				
<b>Sabah</b>	32,572	34,764	30,384	29,364
<b>Sarawak</b>	135,164	109,065	90,669	82,885
<b>PURATA HASIL (KG/HEKTAR)</b>				
<i>Average yield (kg/ha)</i>				
<b>Malaysia</b>	3,511	3,305	3,358	3,525
<b>Semenanjung Malaysia</b>	4,390	3,971	3,948	4,155
<i>Peninsular Malaysia</i>				
<b>Kawasan jelapang padi</b>	4,734	4,309	4,326	4,185
<i>Granary areas</i>				
<b>Sabah</b>	2,714	2,371	2,772	3,362
<b>Sarawak</b>	1,958	1,970	1,843	1,790
<b>ANGGARAN PENGELUARAN PADI ('000 TAN METRIK)</b>				
<i>Estimates of Paddy Production ('000 metric tonnes)</i>				
<b>Malaysia</b>	1,531,034	1,358,511	1,288,362	1,344,535
<b>Semenanjung Malaysia</b>	1,177,916	1,061,184	1,037,046	1,118,293
<i>Peninsular Malaysia</i>				
<b>Kawasan jelapang padi</b>	1,031,523	931,652	910,489	882,770
<i>Granary areas</i>				
<b>Sabah</b>	88,416	82,433	84,239	52,140
<b>Sarawak</b>	264,702	214,894	167,077	148,365

## SIMBOL/SINGKATAN YANG DIGUNAKAN

*Symbols/Abbreviations used*

<b>p</b>	<b>Sementara</b> <i>Provisional</i>
<b>r</b>	<b>Pinda</b> <i>Revised</i>
<b>e</b>	<b>Anggaran</b> <i>Estimate</i>
<b>#</b>	<b>Kurang daripada 50 tan metrik</b> <i>Less than 50 metric tonnes</i>
<b>n.a</b>	<b>Tidak diperoleh</b> <i>Not available</i>
<b>-</b>	<b>Kosong</b> <i>Nil</i>
<b>RM</b>	Ringgit Malaysia
<b>MADA</b>	<b>Lembaga Kemajuan Pertanian Muda</b> <i>Muda Agricultural Development Authority</i>
<b>KADA</b>	<b>Lembaga Kemajuan Pertanian Kemubu</b> <i>Kemubu Agricultural Development Authority</i>
<b>IADA Kerian</b>	<b>Kawasan Pembangunan Pertanian Bersepadu Kerian</b> <i>Kerian Integrated Agricultural Development Area</i>
<b>IADA BLS</b>	<b>Kawasan Pembangunan Pertanian Bersepadu Barat Laut Selangor</b> <i>Barat Laut Selangor Integrated Agricultural Development Area</i>
<b>IADA</b>	<b>Kawasan Pembangunan Pertanian Bersepadu Pulau Pinang P Pinang</b> <i>Pulau Pinang Integrated Agricultural Development Area</i>
<b>IADA</b>	<b>Kawasan Pembangunan Pertanian Bersepadu Seberang Perak Seb Perak</b> <i>Seberang Perak Integrated Agricultural Development Area</i>
<b>IADA KETARA</b>	<b>Kawasan Pembangunan Pertanian Bersepadu Terengganu Utara</b> <i>Northern Terengganu Integrated Agricultural Development Area</i>
<b>IADA</b>	<b>Kawasan Pembangunan Pertanian Bersepadu Kemasin Semerak Kem Semerak</b> <i>Kemasin Semerak Integrated Agricultural Development Area</i>
<b>IADA</b>	<b>Kawasan Pembangunan Pertanian Bersepadu Pekan Pekan</b> <i>Pekan Integrated Agricultural Development Area</i>
<b>IADA</b>	<b>Kawasan Pembangunan Pertanian Bersepadu Rompin Rompin</b> <i>Rompin Integrated Agricultural Development Area</i>
<b>MARDI</b>	<b>Institut Penyelidikan dan Kemajuan Pertanian Malaysia</b> <i>Malaysian Agricultural Research and Development Institute</i>

**Jumlah angka-angka komponen mungkin tidak bersamaan dengan angka jumlah kecil atau jumlah besar disebabkan pembulatan.**

*The sum of the component figures may not tally with the sub-total or total figures due to rounding.*

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The background of the slide is a photograph of a rice field. The rice plants are in various stages of growth, with some showing green leaves and others showing golden-brown panicles. A large, semi-transparent green diagonal shape covers the left and bottom-left portions of the image. The text is centered in the white space on the right side of the green overlay.

**OBJEKTIF,  
LIPUTAN, SKOP  
DAN METODOLOGI**

## OBJEKTIF, LIPUTAN, SKOP DAN METODOLOGI

### 1. OBJEKTIF

Objektif utama Penyiasatan Pengeluaran Padi (PPP) ialah untuk mengutip data padi dengan menggunakan kaedah-kaedah pensampelan kebarangkalian dan ukuran-ukuran objektif bagi mendapatkan anggaran hasil, keluasan bertanam dan pengeluaran padi untuk setiap musim. Anggaran ini dikeluarkan di peringkat daerah, negeri dan juga kawasan jelapang padi. Objektif lain penyiasatan ini adalah untuk mengumpul maklumat tambahan tentang amalan kultura berkaitan tanaman padi.

### 2. LIPUTAN PENYIASATAN

PPP dilaksanakan untuk seluruh negara. Pengukuran secara objektif yang digunakan untuk Penyiasatan Hasil di Semenanjung Malaysia, Sabah dan Sarawak adalah meliputi Padi Sawah sahaja. Penyiasatan ini dijalankan untuk padi Musim Utama dan Luar Musim bagi Semenanjung Malaysia manakala bagi Sabah dan Sarawak, penyiasatan ini dijalankan untuk padi Musim Utama sahaja. Lain-lain maklumat yang tidak diperoleh dari pengukuran objektif ini seperti data Padi Huma, data keluasan dan hasil diperoleh terus daripada Jabatan Pertanian Negeri yang berkenaan.

### 3. SKOP LAPORAN

3.1 Laporan ini diterbitkan mengikut **musim** dengan menggunakan tempoh tanaman padi sebagai rujukan. Laporan **Musim Utama** meliputi padi yang ditanam dalam tempoh antara 1hb Ogos bagi sesuatu tahun hingga 28hb / 29hb Februari tahun berikutnya dan Laporan **Luar Musim** meliputi tempoh tanaman padi antara 1hb Mac hingga 31hb Julai bagi sesuatu tahun.

Laporan ini merangkumi Padi Sawah dan Padi Huma dan meliputi negeri-negeri di Semenanjung Malaysia, Sabah dan Sarawak.

3.2 Keputusan yang dibentangkan dalam laporan ini adalah seperti berikut:-

- a) Kadar sambutan penyiasatan
- b) Penyiasatan Hasil
- c) Penyiasatan Keluasan Aktiviti Tanaman Padi
- d) Kadar penggunaan baja
- e) Varieti padi yang ditanam

- f) Cara menanam padi
- g) Ujian pengeringan

**3.3** Laporan ini adalah berdasarkan kepada jadual-jadual yang disediakan. Analisis PPP dibuat mengikut beberapa peringkat seperti berikut:-

- a) Malaysia
- b) Semenanjung Malaysia
- c) Kawasan jelapang padi
- d) Negeri
- e) Daerah terpilih

Walaupun bagaimanapun, tidak semua data dibuat analisis mengikut aspek-aspek di atas kerana ia bergantung kepada kesesuaian jadual-jadual yang diterbitkan.

## **4. METODOLOGI**

### **4.1 Kaedah Penyiasatan**

Terdapat dua soal selidik yang berasingan digunakan dalam PPP, iaitu, soal selidik untuk Penyiasatan Keluasan Aktiviti Tanaman Padi dan soal selidik untuk Penyiasatan Hasil.

4.1.1 Mulai Musim Utama 1997/1998, Penyiasatan Keluasan mengalami perubahan dari segi kaedah pungutan data dan kandungan soal selidik. Penyiasatan Keluasan kini telah dinamakan Penyiasatan Keluasan Aktiviti Tanaman Padi dan dilaksanakan secara bancian bulanan di Semenanjung Malaysia. Untuk mendapatkan data, pegawai luar buat lawatan ke ladang dan menganggarkan keluasan tanaman padi mengikut aktiviti berpandukan blok- blok padi yang diwujudkan. Setiap blok padi dikenali sebagai Unit Keluasan Tiruan (UKT). Ia merangkumi lot-lot padi yang bersebelahan dalam sesuatu kawasan tertentu yang ditandakan di atas syit-syit kadestra dalam strata tersebut. Di antara data yang dikutip adalah anggaran keluasan bertanam, tuaian, serangan terlibat dan musnah dan keluasan bertanam mengikut varieti padi.

4.1.2 Bagi Sabah dan Sarawak, data Penyiasatan Keluasan Aktiviti Tanaman Padi diperoleh terus daripada Jabatan Pertanian Negeri masing-masing.

4.1.3 Dalam Penyiasatan Hasil, data hasil boleh diperoleh mengikut kaedah-kaedah seperti berikut:-

**a) Kaedah Petak Ujian**

Data hasil padi boleh diperoleh dengan mengukur berat padi yang dituai dari petak ujian yang berukuran seluas 5m x 4m dalam sebuah petak sawah padi yang dipilih secara rambang.

**b) Kaedah Guni**

Data hasil padi boleh diperoleh dengan mendarabkan jumlah bilangan guni padi dari setiap sampel lot dengan purata berat padi seguni dan dibahagi dengan keluasan petak sawah yang dituai.

**c) Kaedah Pukal**

Data hasil padi boleh diperoleh dari berat kasar padi dari resit bagi setiap sampel lot atau lot-lot yang terpilih dan dibahagi dengan keluasan petak sawah yang dituai.

4.1.4 Lain-lain maklumat sampingan yang dikutip adalah termasuk amalan-amalan berkaitan dengan penanaman padi, iaitu, taraf mekanisasi, varieti padi yang ditanam dan sebab-sebab kerosakan padi. Data tersebut dikutip secara subjektif dan digunakan terutama untuk tujuan suntingan dan semakan, khususnya apabila terdapat hasil-hasil yang dilaporkan terlalu rendah atau terlalu tinggi.

4.1.5 Kerja luar untuk penyiasatan ini dijalankan oleh berbagai agensi termasuk Jabatan Pertanian Negeri, Jabatan Pengairan dan Saliran (JPS) Negeri, MADA, KADA dan IADA.

## **4.2 Rekabentuk Sampel**

Rekabentuk sampel berperingkat berstrata telah digunakan dalam PPP. **Unit pensampelan tahap pertama** dikenali sebagai Unit Tanaman Tiruan (UTT) dalam Penyiasatan Hasil dan Unit Keluasan Tiruan (UKT) dalam Penyiasatan Keluasan Aktiviti Tanaman Padi. Setiap UTT atau UKT adalah terdiri daripada keluasan yang merangkumi lot-lot yang bersebelahan yang ditandakan di atas syit-syit kadestra dalam strata berkenaan. Unit pensampelan **tahap kedua** adalah lot-lot padi dalam

UTT atau UKT terpilih. Unit\_pensampelan **tahap ketiga** adalah petak-petak sawah yang terpilih dalam lot tersebut dan akhir sekali **tahap keempat** adalah satu petak ujian yang berukuran seluas 5m x 4m. Bagi kaedah guni dan pukal, hanya unit pensampelan tahap kedua diperlukan, iaitu, di peringkat lot.

Dalam pelaksanaan Penyiasatan Keluasan Aktiviti Tanaman Padi, semua peringkat unit pensampelan tahap pertama atau UKT dilawati.

Kawasan bertanam padi di Semenanjung Malaysia dikategorikan kepada dua strata utama, iaitu:-

**Strata A : Kawasan-kawasan pengairan**

**Strata B : Kawasan-kawasan bukan pengairan**

**Strata A:** Mengandungi unit pensampelan tahap pertama, iaitu, skim-skim pengairan kecil JPS dan lapan skim pengairan utama atau kawasan jelapang padi. Strata A dipecahkan lagi kepada tiga strata kecil berdasarkan keluasan pabel padi bagi setiap unit pensampelan tahap pertama, iaitu:-

- a) 0.4 - 201 ha
- b) 202 - 4,046 ha
- c) 4,047 ha dan lebih

**Strata B:** Unit pensampelan tahap pertama adalah terdiri daripada mukim yang menjadi unit pentadbiran dalam sesebuah daerah. Strata ini dipecahkan lagi kepada empat strata kecil berdasarkan keluasan pabel padi di mukim tersebut, iaitu:-

- a) 0.4 - 39 ha
- b) 40 - 201 ha
- c) 202 - 404 ha
- c) 405 ha dan lebih

Dalam Penyiasatan Hasil, peruntukan untuk unit sampel tahap pertama adalah mengikut nisbah keluasan pabel padi dalam setiap strata kecil dan tahap kedua adalah sampel yang dipilih, iaitu, lot padi yang berasaskan kaedah pilihan *Circular Systematic*.

#### **4.3 Rangka Pensampelan**

Rangka pensampelan yang juga rangka lot padi mengandungi senarai induk lot-lot

padi. Senarai induk yang diwujudkan mengandungi maklumat-maklumat berikut:-

- a) Nombor Lot
- b) Lokasi seperti Nombor Syit Kadestra, Mukim, Daerah dan Negeri
- c) Kawasan lot terdiri daripada:-
  - i) Kawasan pabel padi
  - ii) Kawasan bukan pabel padi
  - iii) Kawasan pabel padi terbiar

#### 4.4 Ralat Pensampelan

Oleh kerana Penyiasatan Hasil adalah satu penyiasatan berbentuk sampel, data yang dipersembahkan dalam laporan ini tertakluk kepada ralat pensampelan dan ralat bukan pensampelan.

Ralat bukan pensampelan merujuk kepada ralat yang terdapat dalam liputan, penggunaan konsep dan definisi, kesilapan mengukur, kesilapan pengiraan, dsb. Kesilapan ini dapat dikawal melalui latihan, pengawasan kerja luar dan penyuntingan soal selidik.

Ralat pensampelan dalam laporan ini dipersembahkan sebagai peratus Ralat Piawai Relatif (% R.P.R). Ralat Piawai ialah satu ukuran yang diperolehi daripada varian pensampelan yang menunjukkan sejauh mana sesuatu anggaran itu hampir kepada nilai yang dijangkakan (misalnya kadar hasil padi). Maka, Ralat Piawai mengukur **ketepatan** sesuatu anggaran dan bukan ketelitiannya yang menunjukkan sejauh mana hampirnya nilai anggaran kepada nilai yang sebenar. Nilai sebenar tidak diketahui kerana ia hanya boleh diperolehi sekiranya banci dijalankan tanpa sebarang ralat bukan pensampelan yang disebutkan di atas. Perkara ini hendaklah diambil perhatian apabila menggunakan Ralat Piawai untuk mengulas keputusan- keputusan penyiasatan ini.

#### 4.5 Kaedah Anggaran Hasil dan Keluasan

4.5.1 Purata hasil padi diperolehi berasaskan kawasan bertanam. Padi dalam petak terpilih dalam sampel (lot padi atau petak ujian) dituai dan hasil yang diperolehi ditimbang (kg) dan direkodkan sewajarnya. Teknik **purata mudah** digunakan untuk mendapatkan purata hasil padi dari sampel-sampel dan seterusnya teknik **purata wajar** digunakan untuk mendapat anggaran purata hasil padi pada peringkat strata, daerah, negeri dan Malaysia. Terdapat tiga jenis purata hasil padi yang dilaporkan dalam laporan ini, iaitu:-

- a) **Purata hasil padi basah** (kg/ha) ialah purata hasil padi semasa menuai.
- b) **Purata hasil padi kering** (kg/ha) ialah purata hasil padi selepas pengeringan yang mana kandungan kelembapan wap basah sekitar 14%.
- c) **Purata hasil padi bersih** (kg/ha) ialah purata hasil padi selepas pengeringan, dibersihkan dan apabila kandungan kelembapan wap basah tepat pada 14%.

4.5.2 Sebagaimana yang telah dijelaskan di para 4.1.1 di atas, keluasan bertanam padi di skim-skim pengairan dan luar pengairan telah dianggarkan secara banciaan ke atas semua UKT yang aktif bertanam. Seterusnya data tersebut dikumpul untuk mendapat anggaran keluasan di peringkat strata kecil dan daerah.

Akhir sekali, anggaran padi yang ditanam di skim-skim pengairan dan luar pengairan dikumpul untuk mendapat data di peringkat daerah, negeri, Semenanjung Malaysia dan Malaysia.

## 5. KONSEP DAN DEFINISI

### 5.1 Skim Pengairan

Skim pengairan merujuk kepada projek pengairan yang telah **siap** (*completed*) , **dijaya gunakan** (*commissioned*), **beroperasi** dan diisytiharkan oleh pihak berkuasa sebagai kawasan pengairan. Kebanyakan skim-skim ini dikendalikan oleh organisasi formal kerajaan seperti Jabatan Pengairan dan Saliran (JPS), MADA dan KADA. Hampir semua skim mempunyai sempadan yang diwartakan. Biasanya sempadan ini adalah sama dengan sempadan yang ditetapkan semasa projek tersebut pertama kali ditentukan. Terdapat beberapa skim pengairan yang diwartakan sebagai kawasan pengairan berdasarkan Akta Ordinan Pengairan 1953 (Pindaan 1989).

### 5.2 Luar Pengairan

Luar pengairan merujuk kepada kawasan yang bertanam padi tanpa sistem pengairan. Penanaman padi di kawasan ini pada lazimnya bergantung kepada air hujan.

### **5.3 Nama Skim**

Ia merujuk kepada nama rasmi skim pengairan dan nama ini digunakan dalam semua urusan pentadbiran.

### **5.4 Kawasan Jelapang Padi**

Kawasan jelapang padi merujuk kepada skim pengairan yang besar ( lebih daripada 4,000 hektar) dan diiktiraf oleh kerajaan dalam Dasar Pertanian Negara sebagai kawasan utama pengeluaran padi. Terdapat dua belas kawasan jelapang padi di Malaysia, iaitu, MADA, KADA, IADA Kerian, IADA BLS, IADA P. Pinang, IADA Seberang Perak, IADA KETARA, IADA Kemasin Semerak, IADA Pekan dan IADA Rompin, IADA Batang Lupar dan IADA Kota Belud.

### **5.5 Luar kawasan Jelapang Padi**

Luar kawasan jelapang padi merujuk kepada kawasan-kawasan di skim-skim pengairan kecil dan kawasan-kawasan luar skim-skim pengairan.

### **5.6 Pasel Padi**

Pasel padi adalah sekeping tanah yang pada kebiasaannya digunakan untuk penanaman padi. Pasel padi boleh dikelaskan sebagai berikut:-

- (a) Pasel Padi Aktif
- (b) Pasel Padi Pelbagai
- (c) Pasel Padi Terbiar

### **5.7 Pasel Padi Aktif**

Ia merujuk kepada pasel padi yang lazimnya bertanam padi sekurang-kurangnya sekali dalam tempoh 3 tahun atau dalam 5 musim yang lepas.

### **5.8 Pasel Padi Pelbagai**

Ia merujuk kepada pasel padi yang ditanam dengan tanaman kontan atau tanaman sementara seperti sayur-sayuran, jagung, pisang, tebu dan sebagainya.

### **5.9 Pasel Padi Terbiar**

Pasel padi terbiar adalah pasel padi yang tiada aktiviti padi atau tanaman sementara lain (tidak diusahakan) selama 3 tahun yang lepas atau 5 musim atau lebih.

#### **5.10 Lot**

Lot adalah sekeping tanah yang telah diberi nombor, keluasan dan sempadan yang tertentu seperti yang ditetapkan oleh Jabatan Ukur dan Pemetaan. Butir-butir lot ini dicatatkan di syit kadestra atau dalam buku pendaftaran mukim atau *Key Plan* JPS.

#### **5.11 Lot Padi**

Lot padi adalah sekeping tanah dimana sebahagian atau keseluruhan paselnya digunakan untuk penanaman padi, samada sekali atau lebih dalam setahun tanpa mengambil kira syarat yang dinyatakan dalam geran tanah. Bagi setiap lot padi kemungkinan terdapat dua atau lebih tanaman dalam pasel yang ditanam. Oleh demikian, penentuan sesuatu lot padi tidak bergantung kepada syarat tanah yang dinyatakan tetapi kepada **kegunaan sebenar tanah tersebut**.

#### **5.12 Tanah Tol**

Tanah tol adalah sekeping tanah yang mempunyai sempadan yang tertentu. Sempadan ini adalah berdasarkan kepada pemilikan pengusaha atau penghuni secara sementara serta berkemungkinan membayar lesen tahunan. Biasanya tanah tol tidak mempunyai nombor lot atau keluasan di atas syit kadestra. Pengenalannya adalah berdasarkan kepada nombor surat hakmilik sementara dan nama pengusaha yang diperoleh daripada pejabat tanah.

#### **5.13 Tanah Tol Padi**

Tanah tol padi adalah sekeping tanah dimana sebahagian atau keseluruhan paselnya digunakan untuk penanaman padi samada ditanam sekali atau lebih dalam setahun.

#### **5.14 Keluasan Kasar Skim**

Keluasan kasar skim adalah termasuk bendang, jalan ladang, taliair, parit, struktur-struktur, kampung, dusun dan sebagainya.

#### **5.15 Keluasan Bersih Skim**

Keluasan bersih skim adalah keluasan keseluruhan pasel padi dalam skim, iaitu, keluasan kasar ditolak keluasan untuk jalan, taliair, parit, struktur, kampung, dusun dan sebagainya.

### 5.16 Musim Padi

Musim padi merujuk kepada aktiviti-aktiviti penanaman padi daripada penyediaan tanah sehingga penuaian.

### 5.17 Musim Utama

Musim utama adalah tempoh yang mana penanaman padi adalah yang paling sesuai berdasarkan iklim tempatan (musim hujan) dan tidak bergantung sepenuhnya kepada sistem pengairan. Untuk tujuan pentadbiran, Musim Utama ditakrifkan sebagai tempoh **bila padi ditanam** yang mana tarikh mula **ditanam\*** jatuh antara **1hb Ogos hingga 28hb / 29hb Februari tahun berikutnya**.

### 5.18 Luar Musim

Luar musim adalah tempoh kering yang mana penanaman padi biasanya bergantung kepada sistem pengairan. Untuk tujuan pentadbiran, Luar Musim ditakrifkan sebagai tempoh **bila padi ditanam** yang mana tarikh mula **ditanam\*** jatuh antara **1hb Mac hingga 31hb Julai dalam tahun berkenaan**.

### 5.19 Data Tahunan

Data tahunan padi merujuk kepada data yang dilaporkan untuk kedua-dua musim, iaitu, Musim Utama dan Luar Musim. Contohnya, data untuk tahun 2021 merujuk kepada Musim Utama 2020/2021 dan Luar Musim 2021. Konsep ini digunakan untuk purata hasil padi, keluasan bertanam dan anggaran pengeluaran padi.

\* Definisi ditanam ialah menabur bagi sistem tabur terus dan mencedung bagi sistem semaian.



***OBJECTIVES,  
COVERAGE, SCOPE  
AND METHODOLOGY***

## **OBJECTIVES, COVERAGE, SCOPE AND METHODOLOGY**

### **1. OBJECTIVES**

*The primary objective of the Paddy Production Survey (PPS) is to collect paddy statistics using probability sampling methods and objective measurements to obtain estimates of yield, planted area and production for each season. These estimates are produced at the district, state and granary area levels. Another objective of the survey is to collect supplementary information on farm practices related to paddy cultivation.*

### **2. COVERAGE OF THE SURVEY**

*PPS is carried out covering the whole nation. An objective measurement is used for the Yield Survey in Peninsular Malaysia, Sabah and Sarawak and is confined to Wetland Paddy only. The survey is conducted for paddy in the Main Season and the Off Season for Peninsular Malaysia while for Sabah and Sarawak, the survey is conducted for paddy in the Main Season only. Other information which are not obtained by the objective measurements such as data on Dryland Paddy, area and yield data are obtained directly from the Department of Agriculture of the states concerned.*

### **3. SCOPE OF THE REPORT**

- 3.1** *This report is published by **seasons** using the paddy planting period as reference. Report for the **Main Season** covers period for paddy planted between 1st August of a particular year to 28th / 29th February of the following year and Report for the **Off Season** covers period for paddy planted between 1st March to 31st July in a year.*

*This report is confined to Wetland Paddy and Dryland Paddy and covers all states in Peninsular Malaysia, Sabah and Sarawak.*

- 3.2** *The results presented in this report are as follows:-*

- a) Survey response rate*
- b) Yield Survey*
- c) Paddy Cultivation Activity Area Survey*
- d) Rate of fertilizer used*

- e) *Paddy varieties planted*
- f) *Paddy planting methods*
- g) *Driage test*

**3.3** *This report is based on the tables presented and analyses of the PPS are made at various levels, namely:-*

- a) *Malaysia*
- b) *Peninsular Malaysia*
- c) *Granary areas*
- d) *States*
- e) *Selected districts*

*However, not all data are analysed based on the above aspects as they depend on the suitability of the tables published.*

## **4. METHODOLOGY**

### **4.1 Survey Method**

*There are two different types of questionnaires used in the PPS, namely questionnaire for the Paddy Cultivation Activity Area Survey and questionnaire for the Yield Survey.*

*4.1.1 From the Main Season 1997/1998, changes were made in the Area Survey particularly in the method of data collection and contents of the questionnaire. The Area Survey is now named as Paddy Cultivation Activity Area Survey and is carried out as a monthly census in Peninsular Malaysia. To collect these data, field officers made field visits to the paddy fields and estimate the hectareage of paddy for each activity based on the paddy blocks created. Each paddy block is known as an Artificial Area Unit (AAU) which is made up of contiguous paddy lots in a defined area and marked on cadastral sheets within the strata. Among the data collected are estimates on area planted, harvested, affected and destroyed and area planted according to paddy varieties.*

*4.1.2 For Sabah and Sarawak, data on Paddy Cultivation Activity Area Survey are obtained directly from the respective State Department of Agriculture.*

4.1.3 For the Yield Survey, the yield data can be obtained by the following methods:-

**a) Paddy Plot Method**

*The yield data for paddy can be obtained by measuring the weight of the paddy harvested from the paddy plot measured with an area of 5m x 4m in the selected paddy field determined at random.*

**b) Gunny Method**

*The yield data for paddy can be obtained by multiplying the total number of gunnies of paddy from the sample lot with the average weight of paddy per gunny and divide by the harvested paddy area.*

**c) Bulk Handling Method**

*The yield data for paddy can be obtained from the gross weight of paddy shown in the receipt for the selected sample lot or lots involved and divide by the harvested paddy area.*

4.1.4 *Supplementary information collected includes farm practices related to paddy cultivation namely mechanisation status, paddy varieties planted and causes of damage of paddy. The above data are collected on a subjective basis and are used primarily for editing and verification purposes especially when very low or high yields are reported.*

4.1.5 *Field work in this survey is carried out by various agencies including the State Departments of Agriculture, State Departments of Drainage and Irrigation (DID), MADA, KADA, and IADA.*

## **4.2 Sample Design**

*For PPS, a stratified multi-stage sample design is used. The **primary sampling unit** is termed as an Artificial Cropping Unit (ACU) in the Yield Survey and an Artificial Area Unit (AAU) in the Paddy Cultivation Activity Area Survey. Each ACU or AAU is made up of an area defined by a number of contiguous lots and is marked on cadastral sheets within the strata. The **second stage** sampling units are the paddy*

lots within the selected ACU or AAU. The **third stage** sampling units are the paddy fields selected within the lot and lastly, the **fourth stage** is the paddy plot measured with an area of 5m x 4m. For the gunny and the bulk handling methods, only the second stage sampling unit is needed, that is, at the lot basis.

During the implementation of the Paddy Cultivation Activity Area Survey, all levels of primary sampling units or AAUs were visited. Planted paddy areas in Peninsular Malaysia are categorised into two major strata, that is,

**Stratum A: Irrigated Areas**

**Stratum B: Non-irrigated Areas**

**Stratum A:** Comprises primary sampling unit, that is, DID minor irrigation schemes and eight major irrigation schemes also known as granary areas. Stratum A is again stratified into three smaller strata which are based on paddy parcel area for each primary sampling unit, that is:-

- a) 0.4 - 201 ha
- b) 202 - 4,046 ha
- c) 4,047 ha and above

**Stratum B:** The primary sampling unit comprises a mukim which is the administrative unit in a district. This stratum is again stratified into four smaller strata which are based on paddy parcel area in the mukim, that is:-

- a) 0.4 - 39 ha
- b) 40 - 201 ha
- c) 202 - 404 ha
- d) 405 ha and above

In the Yield Survey, the allocation for the primary sampling units is based on the ratio of paddy parcel area in each smaller stratum and the second stage is the sample selected which is the paddy lot based on the Circular Systematic selection method.

#### **4.3 Sampling Frame**

The sampling frame which is also the frame of paddy lots contains the master list of paddy lots. The master list developed contains the following information:-

- a) Lot number
- b) Location such as Cadastral Sheet Number, Mukim, District and State

- c) Lot area consists of:-
  - i) Paddy parcel area
  - ii) Non-paddy parcel area
  - iii) Idle paddy parcel area

#### **4.4 Sampling Errors**

*Since the Yield Survey is a sample survey, the figures presented in the report are subject to both sampling and non-sampling errors.*

*Non-sampling errors refer to errors in coverage, application of concepts and definitions, measurement errors, computational errors, etc. These errors can be controlled to a large extent by training, supervision on field work and editing of questionnaires.*

*Sampling errors in this report are presented in terms of percentage Relative Standard Error (% R.S.E). The Standard Error is a measure derived from the sampling variance which shows the extent to which an estimate is near to its expected value (e.g. yield rate of paddy). Thus, Standard Error is said to measure the **precision** of an estimate and not its accuracy which refers to the closeness of the estimate to its true value. The true value is unknown since it can only be obtained if a census is conducted without any non-sampling errors mentioned above. This has to be borne in mind when using Standard Error to interpret the results of the survey.*

#### **4.5 Methods of Estimating Yield and Area**

*4.5.1 The average yield of paddy is derived based on planted area. Paddy within a selected plot in the sample (paddy lot or paddy plot) is harvested and the yield is measured, weighed (kg) and recorded accordingly. **Simple average** technique is used to calculate the average yield of paddy within the samples and subsequently **weighted average** technique is used to produce estimates of average yield of paddy at strata, districts, states and Malaysia levels. There are three types of average yields of paddy reported in this report, namely:-*

- a) **Average yield of wet paddy (kg/ha)** is the average yield of paddy at harvest.
- b) **Average yield of dried paddy (kg/ha)** is the average yield of paddy after drying when the moisture content reaches about 14%.

- c) **Average yield of cleaned paddy** (kg/ha) is the average yield of paddy after drying, cleaning and when the moisture content is at exact 14%.

4.5.2 As explained in paragraph 4.1.1 above, the hectareage of paddy inside the irrigation and outside the irrigation schemes were estimated through the census on all active AAUs. Subsequently the data are compiled to obtain estimates for the small sized strata and districts.

Lastly, the estimates of paddy planted inside the irrigation and outside the irrigation schemes are compiled to obtain data for the districts, states, Peninsular Malaysia and Malaysia levels.

## 5. CONCEPTS AND DEFINITIONS

### 5.1 Irrigation Scheme

An irrigation scheme refers to an irrigation project which is **completed, commissioned, operated** and declared by the authority as an irrigation area. Most of these schemes are managed by formal government organisations such as Drainage and Irrigation Department (DID), MADA and KADA. Almost all schemes have gazetted boundaries. Very often this boundary is the same as the boundary stated when the project was first determined. There are a few irrigation schemes gazetted as irrigation areas based on the Irrigation Ordinance Act 1953 (Amended 1989).

### 5.2 Outside Irrigation

Outside irrigation refers to an area planted with paddy without any irrigation system. Mostly, paddy planting in the area depends on the supply of rain water (rainfed area).

### 5.3 Name of Scheme

This refers to the official name of an irrigation scheme and this name is used in all administrative matters.

#### **5.4 Granary Area**

*Granary areas refer to major irrigation schemes (above 4,000 hectares) and are recognised by the government in the National Agriculture Policy as the main paddy producing areas. There are twelve granary areas in Malaysia, namely, MADA, KADA, IADA Kerian, IADA BLS, IADA P. Pinang, IADA Seberang Perak, IADA KETARA, IADA Kemasin Semerak, IADA Pekan, IADA Rompin, IADA Batang Lupar and IADA Kota Belud.*

#### **5.5 Outside Granary Area**

*Outside granary areas refer to areas in minor irrigation schemes and areas outside irrigation schemes.*

#### **5.6 Paddy Parcel**

*A paddy parcel is a piece of land which is usually used for planting paddy. Paddy parcel can be classified as follows:-*

- (a) Active Paddy Parcel*
- (b) Miscellaneous Paddy Parcel*
- (c) Idle Paddy Parcel*

#### **5.7 Active Paddy Parcel**

*This refers to paddy parcel which is normally planted with paddy at least once in the last 3 years or during the past 5 seasons.*

#### **5.8 Miscellaneous Paddy Parcel**

*This refers to paddy parcel which is planted with cash or temporary crops, e.g., vegetables, maize, banana, sugar cane etc.*

#### **5.9 Idle Paddy Parcel**

*An idle paddy parcel is one which has no paddy activities or other temporary crops (not operated on) for the past 3 years or 5 seasons or more.*

#### **5.10 Lot**

*A lot is a piece of land that has been given a number, measured area and boundaries as determined by the Surveyor and Mapping Department. Details of the lot are recorded in the cadastral sheet or in the mukim registration book or the Key Plan of DID.*

#### **5.11 Paddy Lot**

*A paddy lot is a piece of land whereby a portion or the whole parcel is used for paddy planting irrespective whether it is planted once or more in a year without consideration of the conditions stated in the land grant. For each paddy lot there is a possibility of two crops or more in the planted parcel. Thus, the determination of paddy lot does not depend on the stated land conditions but instead on the **actual usage of land**.*

#### **5.12 Toll Land**

*A toll land is a piece of land with a specified boundary. This boundary is based on the operator's ownership or occupants on a temporary basis and with a possibility of paying yearly license. Normally toll land does not have a lot number or measured area on the cadastral sheet. The identification is based on temporary ownership letter number and name of the operator which is obtained from the land office.*

#### **5.13 Paddy Toll Land**

*Paddy toll land is a piece of land where a portion or a whole parcel is used for paddy planting whether it is planted once or more in a year.*

#### **5.14 Gross Area of Scheme**

*The gross area of a scheme includes paddy fields, farm roads, irrigations, drainage, structures, villages, orchards etc.*

#### **5.15 Net Area of Scheme**

*This is the overall paddy parcel area in the scheme, i.e., the gross area minus the*

area for roads, irrigations, drainage, structures, villages, orchards etc.

#### **5.16 Paddy Season**

*Paddy season refers to the activities of paddy planting from the preparation of land to harvesting.*

#### **5.17 Main Season**

*Main season is a period whereby paddy planting is very suitable based on local climate (rainy season) and does not depend totally on irrigation system. For administrative purposes, Main Season is defined as the period **when paddy is planted** in which the commence date of **planting\*** falls between **1st August to 28th / 29th February of the following year.***

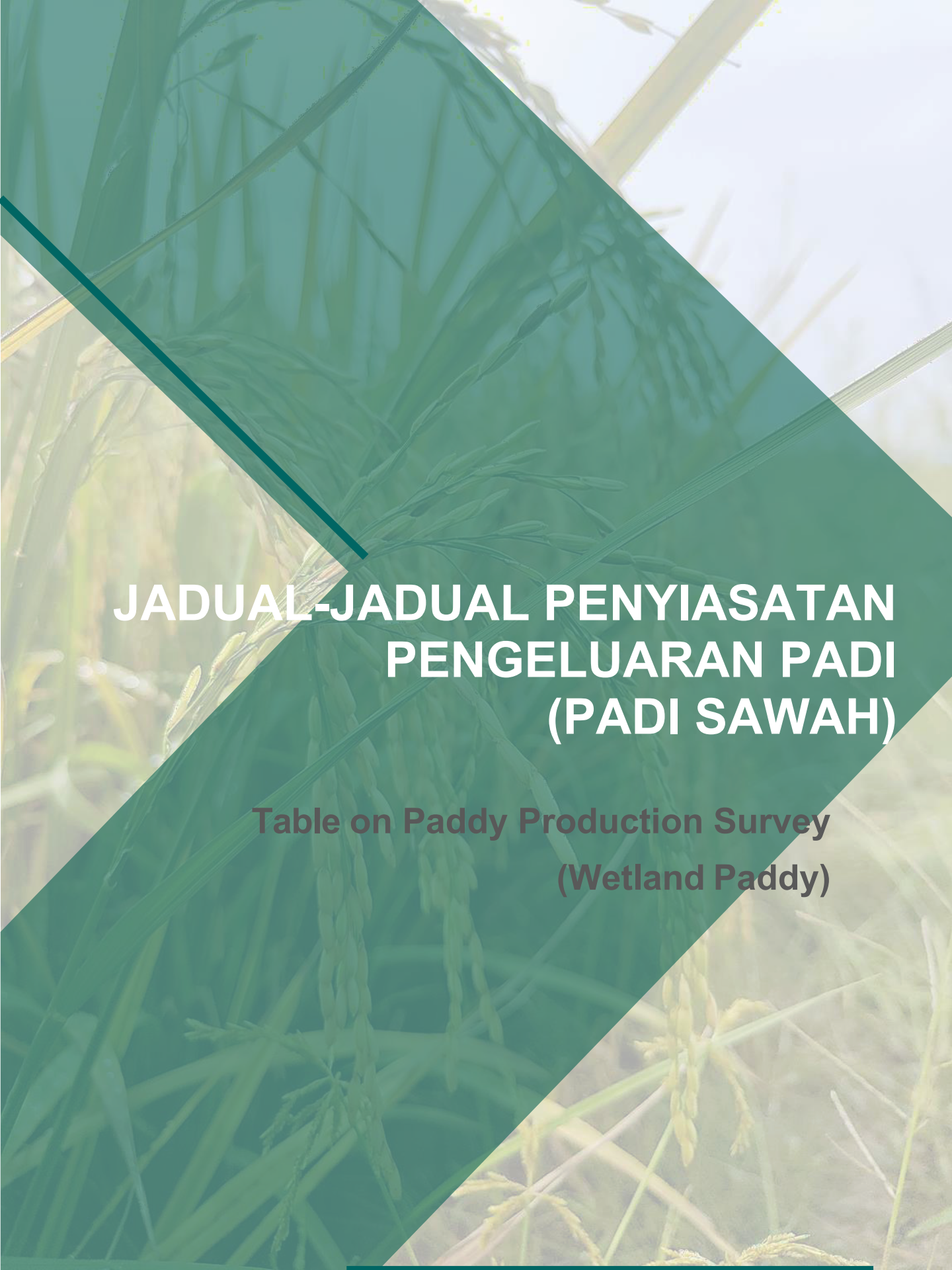
#### **5.18 Off Season**

*Off Season is a dry period and paddy planting normally depends on an irrigation system. For administrative purposes, Off Season is defined as the period **when paddy is planted** in which the commence date of **planting\*** falls between **1st March to 31st July of the year.***

#### **5.19 Yearly Data**

*Yearly data for paddy refers to data reported in both seasons, i.e., the Main Season and the Off Season. For example, data for 2021 refers to the Main Season 2020/2021 and the Off Season 2021. This concept applies to average yield of paddy, area planted and estimate of paddy production.*

*\* Definition of planting is sowing for direct seeding system and transplanting for nursery system.*



# JADUAL-JADUAL PENYIASATAN PENGELUARAN PADI (PADI SAWAH)

Table on Paddy Production Survey  
(Wetland Paddy)

**JADUAL A1: BILANGAN SAMPEL (LOT) YANG DIRANCANG, SAMBUTANNYA SERTA YANG  
DILAKSANA MENGIKUT NEGERI, MALAYSIA, MUSIM UTAMA 2020/2021**

*Table A1: Number of sample (lots) planned, responded and conducted by state, Malaysia, Main Season 2020/2021*

NEGERI State	BILANGAN SAMPEL (LOT) DIRANCANG Number of sample (lots) planned	BILANGAN SAMPEL (LOT) MENDAPAT SAMBUTAN Number of sample (lots) responded	% SAMBUTAN Responded	BILANGAN SAMPEL (LOT) YANG MENDAPAT SAMBUTAN Number of sample (lots) responded		
				TIDAK BERTANAM Not planted	LAIN-LAIN* Others	DITERIMA UNTUK ANALISIS Accepted for analysis
(1)	(2)	(3)	(4)	(5)	(6)	(7)
JOHOR	27	27	100.0	-	-	27
KEDAH	708	708	100.0	-	-	708
KELANTAN	469	469	100.0	-	-	469
MELAKA	38	38	100.0	-	-	38
N.SEMBILAN	30	30	100.0	-	-	30
PAHANG	130	130	100.0	-	-	130
PERAK	310	310	100.0	-	-	310
PERLIS	194	194	100.0	-	-	194
P.PINANG	92	92	100.0	-	-	92
SELANGOR	108	108	100.0	-	-	108
TERENGGANU	145	145	100.0	-	-	145
<b>SEM. MALAYSIA Pen. Malaysia</b>	<b>2,251</b>	<b>2,251</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>2,251</b>
SABAH	314	314	100.0	-	20	294
SARAWAK	473	473	100.0	-	14	459
<b>MALAYSIA</b>	<b>3,038</b>	<b>3,038</b>	<b>100.0</b>	<b>0</b>	<b>34</b>	<b>3,004</b>

**Nota/Note:**

\* Berubah tanaman, tertuai dan lot tidak dapat dikesan / changed to other crops, was misharvested and paddy lots could not be located

**JADUAL A2: BILANGAN SAMPEL (LOT) YANG DIRANCANG, SAMBUTANNYA SERTA YANG DILAKSANA MENGIKUT KAWASAN JELAPANG PADI, MALAYSIA, MUSIM UTAMA 2020/2021**

*Table A2: Number of samples (lots) planned, responded and conducted by granary area, Malaysia, Main Season 2020/2021*

JELAPANG PADI Granary Area	BILANGAN SAMPEL (LOT) DIRANCANG Number of sample (lots) planned	BILANGAN SAMPEL (LOT) MENDAPAT SAMBUTAN Number of sample (lots) responded	% SAMBUTAN Responded	BILANGAN SAMPEL (LOT) YANG MENDAPAT SAMBUTAN Number of sample (lots) responded		
				TIDAK BERTANAM Not planted	LAIN-LAIN * Others	DITERIMA UNTUK ANALISIS Accepted for analysis
(1)	(2)	(3)	(4)	(5)	(6)	(7)
MADA	675	675	100.0	-	-	675
KADA	271	271	100.0	-	-	271
IADA KERIAN	156	156	100.0	-	-	156
IADA BLS	108	108	100.0	-	-	108
IADA P. PINANG	92	92	100.0	-	-	92
IADA SEB. PERAK	97	97	100.0	-	-	97
IADA KETARA	61	61	100.0	-	-	61
IADA KEM. SEMERAK	51	51	100.0	-	-	51
IADA PEKAN	54	54	100.0	-	-	54
IADA ROMPIN	35	35	100.0	-	-	35
IADA KOTA BELUD	68	68	100.0	-	-	68
IADA BATANG LUPAR	37	37	100.0	-	-	37
<b>JUMLAH Total</b>	<b>1,705</b>	<b>1,705</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>1,705</b>

**Nota/Note:**

\* Berubah tanaman, tertuai dan lot tidak dapat dikesan / changed to other crops, was misharvested and paddy lots could not be located

**JADUAL B1: PURATA HASIL PADI BASAH, KERING DAN BERSIH MENGIKUT NEGERI, JENIS KAWASAN DAN RALAT PIAWAI RELATIF, MALAYSIA, MUSIM UTAMA 2020/2021**  
**Table B1: Average yield of wet, dried and cleaned paddy by state, area type and Relative Standard Error, Malaysia, Main Season 2020/2021**

NEGERI State	PURATA HASIL PADI (KG/HA) Average yield of paddy (kg/ha)													Ralat Piawai Relatif (%) Relative Standard Error (%)							
	BASAH Wet				KERING Dried				BERSIH Cleaned												
	KESELURUHAN Overall	SKIM Irrigation scheme	LUAR SKIM PENGALIRAN Outside irrigation scheme	(2)	KESELURUHAN Overall	SKIM Irrigation scheme	LUAR SKIM PENGALIRAN Outside irrigation scheme	(5)	KESELURUHAN Overall	SKIM Irrigation scheme	LUAR SKIM PENGALIRAN Outside irrigation scheme	(8)	KESELURUHAN Overall	SKIM Irrigation scheme	LUAR SKIM PENGALIRAN Outside irrigation scheme	(10)	KESELURUHAN Overall	SKIM Irrigation scheme	LUAR SKIM PENGALIRAN Outside irrigation scheme	(11)	(12)
JOHOR	4,021	4,013	4,183	3,587	3,579	3,732	3,245	3,238	3,376	3,238	3,376	3,245	3,238	3,376	3,238	3,376	3,238	3,376	5.8	6.0	14.4
KEDAH	5,441	3,995	3,531	4,830	3,546	3,134	4,239	3,112	2,751	3,112	2,751	4,239	3,112	2,751	3,112	2,751	3,112	2,751	0.7	0.7	3.6
KELANTAN	5,494	5,730	3,873	4,884	5,094	3,443	4,523	4,718	3,189	4,718	3,189	4,523	4,718	3,189	4,718	3,189	4,718	3,189	0.7	0.7	1.9
MELAKA	4,029	4,281	3,846	3,550	3,772	3,389	2,888	3,068	2,757	3,068	2,757	2,888	3,068	2,757	3,068	2,757	3,068	2,757	1.1	1.8	1.3
N.SEMBILAN	4,131	4,131	-	3,462	3,462	-	3,119	3,119	-	3,119	-	3,119	3,119	-	3,119	-	3,119	-	3.0	3.0	-
PAHANG	4,728	4,744	4,395	4,258	4,273	3,958	3,939	3,953	3,662	3,953	3,662	3,939	3,953	3,662	3,953	3,662	3,953	3,662	7.7	0.7	5.4
PERAK	4,930	4,930	-	4,152	4,152	-	3,370	3,370	-	3,370	-	3,370	3,370	-	3,370	-	3,370	-	1.7	1.7	0.0
PERLIS	4,798	4,910	4,211	4,266	4,365	3,744	3,772	3,859	3,310	3,859	3,310	3,772	3,859	3,310	3,859	3,310	3,859	3,310	0.0	0.0	7.6
P.PINANG	6,981	6,981	-	6,060	6,060	-	5,716	5,716	-	5,716	-	5,716	5,716	-	5,716	-	5,716	-	1.4	1.4	-
SELANGOR	6,109	6,109	-	5,113	5,113	-	4,790	4,790	-	4,790	-	4,790	4,790	-	4,790	-	4,790	-	2.0	2.0	-
TERENGGANU	4,955	5,090	2,729	4,191	4,306	2,308	3,518	3,614	1,937	3,614	1,937	3,518	3,614	1,937	3,614	1,937	3,614	1,937	1.2	3.0	1.6
SEM. MALAYSIA Pen. Malaysia	5,356	4,871	3,716	4,691	4,253	3,298	4,155	3,772	2,923	3,772	2,923	4,155	3,772	2,923	3,772	2,923	3,772	2,923	1.6	1.3	2.9
SABAH	4,100	-	-	3,793	-	-	3,362	-	-	-	-	3,362	-	-	-	-	-	-	1.3	1.0	1.7
SARAWAK	2,795	-	-	2,756	-	-	2,679	-	-	-	-	2,679	-	-	-	-	-	-	2.3	3.2	2.3
MALAYSIA	4,948	4,871*	3,716*	4,386	4,253*	3,298*	4,288	3,772*	2,923*	3,772*	2,923*	4,288	3,772*	2,923*	3,772*	2,923*	3,772*	2,923*	2.5	1.3*	2.9*

Catatan: Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).

Notes: Refer to the symbols used in Notes I, page (xxxii).

\* Merujuk kepada Semenanjung Malaysia sahaja.

Refers to Peninsular Malaysia only.

**JADUAL B2: PURATA HASIL PADI BASAH MENGIKUT NEGERI, DAERAH  
DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021**

*Table B2: Average yield of wet paddy by state, district  
and area type, Malaysia, Main Season 2020/2021*

NEGERI/DAERAH State/District	PURATA HASIL PADI BASAH (KG/HA) Average yield of wet paddy (kg/ha)						
	KESELURUHAN Overall			JELAPANG PADI Granary Area	LUAR JELAPANG PADI Outside Granary Area		
	KESELURUHAN Overall	SKIM PENGAIRAN Irrigation scheme	LUAR SKIM PENGAIRAN Outside irrigation scheme		KESELURUHAN Overall	SKIM PENGAIRAN Irrigation scheme	LUAR SKIM PENGAIRAN Outside irrigation scheme
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>JOHOR</b>	<b>4,021</b>	<b>4,013</b>	<b>4,183</b>	<b>-</b>	<b>4,021</b>	<b>4,013</b>	<b>4,183</b>
1. Batu Pahat	4,717	4,717	-	-	4,717	4,717	-
2. Kluang	3,083	3,083	-	-	3,083	3,083	-
3. Tangkak	4,433	4,433	-	-	4,433	4,433	-
4. Mersing	3,748	3,667	4,183	-	3,748	3,667	4,183
5. Muar	3,700	3,700	-	-	3,700	3,700	-
<b>KEDAH</b>	<b>5,441</b>	<b>3,995</b>	<b>3,531</b>	<b>4,979</b>	<b>5,694</b>	<b>4,398</b>	<b>3,531</b>
1. Baling	3,029	3,233	2,765	-	3,029	3,233	2,765
2. Bandar Baru	4,908	4,908	-	-	4,908	4,908	-
3. Pokok Sena	3,630	-	3,630	-	3,630	-	3,630
4. Kuala Muda	4,988	5,234	4,468	-	4,988	5,234	4,468
5. Kubang Pasu	3,622	4,417	3,138	-	3,622	4,417	3,138
6. Kulim	3,484	3,484	-	-	3,484	3,484	-
7. Langkawi	3,184	3,249	3,112	-	3,184	3,249	3,112
8. Padang Terap	2,455	3,027	2,399	-	2,455	3,027	2,399
9. Pendang	4,413	-	4,413	-	4,413	-	4,413
10. Sik	2,372	2,406	2,300	-	2,372	2,406	2,300
11. Yan	4,235	4,200	4,275	-	4,235	4,200	4,275
12. MADA Wilayah II	5,304	5,304	-	5,304	-	-	-
13. MADA Wilayah III	4,201	4,201	-	4,201	-	-	-
14. MADA Wilayah IV	5,256	5,256	-	5,256	-	-	-
<b>KELANTAN</b>	<b>5,494</b>	<b>5,730</b>	<b>3,873</b>	<b>5,891</b>	<b>4,210</b>	<b>4,605</b>	<b>3,873</b>
1. Bachok	5,654	5,654	-	5,836 * 4,677 **	-	-	-
2. Jeli	-	-	-	-	-	-	-
3. Kota Bharu	5,832	5,834	3,755	5,838 *	4,069	4,217	3,755
4. Kuala Krai	3,168	3,183	3,083	-	3,168	3,183	3,083
5. Machang	4,696	4,876	4,166	-	4,696	4,876	4,166
6. Pasir Mas	5,268	5,815	3,960	6,072 *	4,000	4,126	3,960
7. Pasir Puteh	5,424	5,596	4,059	6,515 * 4,618 **	4,221	4,489	4,059
8. Tanah Merah	4,110	4,198	3,835	-	4,110	4,198	3,835
9. Tumpat	6,008	6,414	2,788	6,493 *	3,502	5,101	2,788

\* KADA

\*\* IADA Kemasin Semerak

Catatan: Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxx).  
Notes: Refer to the symbols used in Notes I, page (xxx).

**JADUAL B2: PURATA HASIL PADI BASAH MENGIKUT NEGERI, DAERAH  
DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021 (SAMB.)**

*Table B2: Average yield of wet paddy by state, district  
and area type, Malaysia, Main Season 2020/2021 (cont'd.)*

NEGERI/DAERAH State/District	PURATA HASIL PADI BASAH (KG/HA) Average yield of wet paddy (kg/ha)						
	KESELURUHAN Overall			JELAPANG PADI Granary Area	LUAR JELAPANG PADI Outside Granary Area		
	KESELURUHAN Overall	SKIM PENGAIARAN Irrigation scheme	LUAR SKIM PENGAIARAN Outside irrigation scheme		KESELURUHAN Overall	SKIM PENGAIARAN Irrigation scheme	LUAR SKIM PENGAIARAN Outside irrigation scheme
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>MELAKA</b>	<b>4,029</b>	<b>4,281</b>	<b>3,846</b>	<b>-</b>	<b>4,029</b>	<b>4,281</b>	<b>3,846</b>
1. Alor Gajah	4,076	4,175	2,958	-	4,076	4,175	2,958
2. Jasin	3,891	4,225	3,356	-	3,891	4,225	3,356
3. Melaka Tengah	4,069	4,441	3,959	-	4,069	4,441	3,959
<b>N. SEMBILAN</b>	<b>4,131</b>	<b>4,131</b>	<b>-</b>	<b>-</b>	<b>4,131</b>	<b>4,131</b>	<b>-</b>
1. Jelebu	4,050	4,050	-	-	4,050	4,050	-
2. Jempol	3,915	3,915	-	-	3,915	3,915	-
3. Kuala Pilah	4,238	4,238	-	-	4,238	4,238	-
4. Rembau	3,425	3,425	-	-	3,425	3,425	-
<b>PAHANG</b>	<b>4,728</b>	<b>4,744</b>	<b>4,395</b>	<b>4,779</b>	<b>4,336</b>	<b>3,060</b>	<b>4,395</b>
1. Bera	3,460	3,460	-	-	3,460	3,460	-
2. Jerantut	-	-	-	-	-	-	-
3. Kuantan	4,658	4,658	-	-	4,658	4,658	-
4. Maran	2,898	4,222	1,043	-	2,898	4,222	1,043
5. Pekan	4,423	4,382	5,366	4,382 *	5,366	-	5,366
6. Rompin	5,549	5,685	3,170	5,685 **	3,170	-	3,170
7. Temerloh	-	-	-	-	-	-	-
<b>PERAK</b>	<b>4,930</b>	<b>4,930</b>	<b>-</b>	<b>4,806</b>	<b>5,585</b>	<b>5,585</b>	<b>-</b>
1. Hilir Perak	4,597	4,597	-	3,306 ***	7,981	7,981	-
2. Kerian	5,147	5,147	-	5,147 ****	-	-	-
3. Kuala Kangsar	5,591	5,591	-	-	5,591	5,591	-
4. Larut Matang & Selama	3,608	3,608	-	-	3,608	3,608	-
5. Perak Tengah	4,805	4,805	-	4,936 ***	4,462	4,462	-

\*IADA Pekan

\*\*IADA Rompin

\*\*\* IADA Seberang Perak

\*\*\*\* IADA Kerian

Catatan: Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).

Notes: Refer to the symbols used in Notes I, page (xxxii).

**JADUAL B2: PURATA HASIL PADI BASAH MENGIKUT NEGERI, DAERAH  
DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021 (SAMB.)**

*Table B2: Average yield of wet paddy by state, district  
and area type, Malaysia, Main Season 2020/2021 (cont'd.)*

NEGERI/DAERAH State/District	PURATA HASIL PADI BASAH (KG/HA) Average yield of wet paddy (kg/ha)						
	KESELURUHAN Overall			JELAPANG PADI Granary Area	LUAR JELAPANG PADI Outside Granary Area		
	KESELURUHAN Overall	SKIM PENGAIRAN Irrigation scheme	LUAR SKIM PENGAIRAN Outside irrigation scheme		KESELURUHAN Overall	SKIM PENGAIRAN Irrigation scheme	LUAR SKIM PENGAIRAN Outside irrigation scheme
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>PERLIS</b>	<b>4,798</b>	<b>4,910</b>	<b>4,211</b>	<b>5,252</b>	<b>3,907</b>	<b>3,629</b>	<b>4,211</b>
1. MADA Wilayah I	5,252	5,252	-	5,252	-	-	-
2. Perlis (L/MADA)	3,907	3,629	4,211	-	3,907	3,629	4,211
<b>PULAU PINANG</b>	<b>6,981</b>	<b>6,981</b>	<b>-</b>	<b>6,981</b>	<b>-</b>	<b>-</b>	<b>-</b>
1. Barat Daya	6,400	6,400	-	6,400	-	-	-
2. Seb. P. Selatan	5,390	5,390	-	5,390	-	-	-
3. Seb. P. Tengah	8,053	8,053	-	8,053	-	-	-
4. Seb. P. Utara	6,934	6,934	-	6,934	-	-	-
<b>SELANGOR</b>	<b>6,109</b>	<b>6,109</b>	<b>-</b>	<b>6,109</b>	<b>-</b>	<b>-</b>	<b>-</b>
1. Hulu Langat	-	-	-	-	-	-	-
1. Kuala Selangor	6,078	6,078	-	6,078	-	-	-
2. Sabak Bernam	6,122	6,122	-	6,122	-	-	-
<b>TERENGGANU</b>	<b>4,955</b>	<b>5,090</b>	<b>2,729</b>	<b>7,019 *</b>	<b>3,167</b>	<b>3,219</b>	<b>2,729</b>
1. Besut	6,011	6,052	3,400	7,019 *	3,798	3,818	3,400
2. Dungun	3,345	3,345	-	-	3,345	3,345	-
3. H. Terengganu	4,014	4,014	-	-	4,014	4,014	-
4. Kemaman	4,475	4,475	-	-	4,475	4,475	-
5. K. Terengganu	2,929	3,015	2,783	-	2,929	3,015	2,783
6. Kuala Nerus	4,295	4,470	1,667	-	4,295	4,470	1,667
7. Marang	3,393	3,921	2,700	-	3,393	3,921	2,700
8. Setiu	3,310	3,304	3,740	-	3,310	3,304	3,740
<b>SEM. MALAYSIA Pen. Malaysia</b>	<b>5,356</b>	<b>4,871</b>	<b>3,716</b>	<b>6,058</b>	<b>4,825</b>	<b>4,144</b>	<b>3,716</b>

\* KETARA

Catatan: Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxx).

Notes: Refer to the symbols used in Notes I, page (xxxii).

**JADUAL B2: PURATA HASIL PADI BASAH MENGIKUT NEGERI, DAERAH  
DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021 (SAMB.)**

*Table B2: Average yield of wet paddy by state, district  
and area type, Malaysia, Main Season 2020/2021 (cont'd.)*

NEGERI/DAERAH State/District	PURATA HASIL PADI BASAH (KG/HA) Average yield of wet paddy (kg/ha)						
	KESELURUHAN Overall			JELAPANG PADI Granary Area	LUAR JELAPANG PADI Outside Granary Area		
	KESELURUHAN Overall	SKIM PENGAIARAN Irrigation scheme	LUAR SKIM PENGAIARAN Outside irrigation scheme		KESELURUHAN Overall	SKIM PENGAIARAN Irrigation scheme	LUAR SKIM PENGAIARAN Outside irrigation scheme
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>SABAH</b>	<b>4,100</b>	-	-	<b>3,985</b>	<b>4,095</b>	-	-
1. Beaufort	4,636	-	-	-	4,636	-	-
2. Keningau	4,951	-	-	-	4,951	-	-
3. Kota Belud	3,985	-	-	3,985 *	3,985	-	-
4. Kota Kinabalu	3,600	-	-	-	3,600	-	-
5. Kota Marudu	3,560	-	-	-	3,560	-	-
6. Kuala Penyu	5,950	-	-	-	5,950	-	-
7. Kudat	3,400	-	-	-	3,400	-	-
8. Papar	5,163	-	-	-	5,163	-	-
9. Penampang	-	-	-	-	-	-	-
10. Pitas	3,644	-	-	-	3,644	-	-
11. Ranau	4,423	-	-	-	4,423	-	-
12. Sipitang	341`4	-	-	-	341`4	-	-
13. Tambunan	4,419	-	-	-	4,419	-	-
14. Tenom	3,220	-	-	-	3,220	-	-
15. Tuaran	4,145	-	-	-	4,145	-	-
16. Beluran	3,150	-	-	-	3,150	-	-
17. Sook	3,333	-	-	-	3,333	-	-
18. Nabawan	2,543	-	-	-	2,543	-	-
19. Tawau	-	-	-	-	-	-	-
20. Lain-lain Daerah	3,975	-	-	-	3,975	-	-
<b>SARAWAK</b>	<b>2,795</b>	-	-	<b>3,658</b>	<b>2,792</b>	-	-
1. Kuching	1,990	-	-	-	1,990	-	-
2. Bau	4,105	-	-	-	4,105	-	-
3. Lundu	2,290	-	-	-	2,290	-	-
4. Sri Aman	3,465	-	-	3,658 **	3,670	-	-
5. Pantu	2,790	-	-	-	2,790	-	-
6. Lubok Antu	2,880	-	-	-	2,880	-	-
7. Sibul	2,775	-	-	-	2,775	-	-
8. Kanowit	1,640	-	-	-	1,640	-	-

\* IADA Kota Belud

\*\* IADA Batang Lupar

Catatan: Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).

Notes: Refer to the symbols used in Notes I, page (xxxii).

**JADUAL B2: PURATA HASIL PADI BASAH MENGIKUT NEGERI, DAERAH  
DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021 (SAMB.)**

*Table B2: Average yield of wet paddy by state, district  
and area type, Malaysia, Main Season 2020/2021 (cont'd.)*

NEGERI/DAERAH State/District	PURATA HASIL PADI BASAH (KG/HA) Average yield of wet paddy (kg/ha)						
	KESELURUHAN Overall			JELAPANG PADI Granary Area	LUAR JELAPANG PADI Outside Granary Area		
	KESELURUHAN Overall	SKIM PENGAIARAN Irrigation scheme	LUAR SKIM PENGAIARAN Outside irrigation scheme		KESELURUHAN Overall	SKIM PENGAIARAN Irrigation scheme	LUAR SKIM PENGAIARAN Outside irrigation scheme
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>SARAWAK</b>	-	-	-	-	-	-	-
9. Selangau	2,275	-	-	-	2,275	-	-
10. Miri	1,000	-	-	-	1,000	-	-
11. Marudi	2,250	-	-	-	2,250	-	-
12. Subis	1,000	-	-	-	1,000	-	-
13. Beluru	1,000	-	-	-	1,000	-	-
14. Telang Usang	2,490	-	-	-	2,490	-	-
15. Limbang	3,750	-	-	-	3,750	-	-
16. Lawas	1,395	-	-	-	1,395	-	-
17. Sarikei	2,610	-	-	-	2,610	-	-
18. Meradong	3,235	-	-	-	3,235	-	-
19. Julau	2,950	-	-	-	2,950	-	-
20. Pakan	1,415	-	-	-	1,415	-	-
21. Kapit	3,625	-	-	-	3,625	-	-
22. Song	3,915	-	-	-	3,915	-	-
23. Belaga	-	-	-	-	-	-	-
24. Bukit Mabong	3,440	-	-	-	3,440	-	-
25. Samarahan	5,625	-	-	-	5,625	-	-
26. Simunjan	4,955	-	-	-	4,955	-	-
27. Asajaya	2,250	-	-	-	2,250	-	-
28. Bintulu	1,690	-	-	-	1,690	-	-
29. Tatau	1,125	-	-	-	1,125	-	-
30. Sebauh	1,890	-	-	-	1,890	-	-
31. Mukah	185	-	-	-	185	-	-
32. Dalat	2,975	-	-	-	2,975	-	-
33. Daro	3,140	-	-	-	3,140	-	-
34. Matu	1,065	-	-	-	1,065	-	-
35. Tanjung Manis	4,750	-	-	-	4,750	-	-
36. Betong	2,600	-	-	-	2,600	-	-
37. Saratok	5,260	-	-	-	5,260	-	-
38. Pusa	2,825	-	-	-	2,825	-	-
39. Kabong	3,160	-	-	-	3,160	-	-
40. Serian	3,805	-	-	-	3,805	-	-
41. Tebedu	4,565	-	-	-	4,565	-	-
42. Siburan	4,605	-	-	-	4,605	-	-
<b>MALAYSIA</b>	<b>4,948</b>	<b>4,871*</b>	<b>3,716*</b>	<b>5,338</b>	<b>4,825*</b>	<b>4,144*</b>	<b>3,716*</b>

Catatan: Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxx).

Notes: Refer to the symbols used in Notes I, page (xxxii).

\* Merujuk kepada Semenanjung Malaysia sahaja.  
Refers to Peninsular Malaysia only.

**JADUAL B3: PURATA HASIL PADI KERING MENGIKUT NEGERI, DAERAH  
DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021**

*Table B3: Average yield of dried paddy by state, district  
and area type, Malaysia, Main Season 2020/2021*

NEGERI/DAERAH State/District	PURATA HASIL PADI KERING (KG/HA) Average yield of dried paddy (kg/ha)						
	KESELURUHAN Overall			JELAPANG PADI Granary Area	LUAR JELAPANG PADI Outside Granary Area		
	KESELURUHAN Overall	SKIM PENGAIRAN Irrigation scheme	LUAR SKIM PENGAIRAN Outside irrigation scheme		KESELURUHAN Overall	SKIM PENGAIRAN Irrigation scheme	LUAR SKIM PENGAIRAN Outside irrigation scheme
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>JOHOR</b>	<b>3,587</b>	<b>3,579</b>	<b>3,732</b>	<b>-</b>	<b>3,587</b>	<b>3,579</b>	<b>3,732</b>
1. Batu Pahat	4,207	4,207	-	-	4,207	4,207	-
2. Kluang	2,750	2,750	-	-	2,750	2,750	-
3. Tangkak	3,954	3,954	-	-	3,954	3,954	-
4. Mersing	3,343	3,271	3,732	-	3,343	3,271	3,732
5. Muar	3,300	3,300	-	-	3,300	3,300	-
<b>KEDAH</b>	<b>4,830</b>	<b>3,546</b>	<b>3,134</b>	<b>4,510</b>	<b>5,054</b>	<b>3,903</b>	<b>3,134</b>
1. Baling	2,689	2,870	2,454	-	2,689	2,870	2,454
2. Bandar Baru	4,356	4,356	-	-	4,356	4,356	-
3. Pokok Sena	3,222	-	3,222	-	3,222	-	3,222
4. Kuala Muda	4,428	4,646	3,965	-	4,428	4,646	3,965
5. Kubang Pasu	3,214	3,921	2,785	-	3,214	3,921	2,785
6. Kulim	3,092	3,092	-	-	3,092	3,092	-
7. Langkawi	2,826	2,884	2,763	-	2,826	2,884	2,763
8. Padang Terap	2,179	2,686	2,129	-	2,179	2,686	2,129
9. Pendang	3,917	-	3,917	-	3,917	-	3,917
10. Sik	2,105	2,136	2,041	-	2,105	2,136	2,041
11. Yan	3,759	3,728	3,794	-	3,759	3,728	3,794
12. MADA Wilayah II	4,805	4,805	-	4,805	-	-	-
13. MADA Wilayah III	3,806	3,806	-	3,806	-	-	-
14. MADA Wilayah IV	4,761	4,761	-	4,761	-	-	-
<b>KELANTAN</b>	<b>4,884</b>	<b>5,094</b>	<b>3,443</b>	<b>5,202</b>	<b>3,743</b>	<b>4,094</b>	<b>3,443</b>
1. Bachok	5,027	5,027	-	5,184 * 3,942 **	-	-	-
2. Jeli	-	-	-	-	-	-	-
3. Kota Bharu	5,184	5,186	3,338	5,185 *	3,749	3,749	3,338
4. Kuala Krai	2,816	2,830	2,741	-	2,830	2,830	2,741
5. Machang	4,175	4,334	3,703	-	4,334	4,334	3,703
6. Pasir Mas	4,683	5,169	3,521	5,394 *	3,668	3,668	3,521
7. Pasir Puteh	4,822	4,975	3,608	5,787 * 3,892 **	3,991	3,991	3,608
8. Tanah Merah	3,654	3,732	3,409	-	3,732	3,732	3,409
9. Tumpat	5,341	5,702	2,478	5,767 *	4,535	4,535	2,478

\* KADA

\*\* IADA Kemasin Semerak

Catatan: Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).

Notes: Refer to the symbols used in Notes I, page (xxxii).

**JADUAL B3: PURATA HASIL PADI KERING MENGIKUT NEGERI, DAERAH  
DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021 (SAMB.)**

*Table B3: Average yield of dried paddy by state, district  
and area type, Malaysia, Main Season 2020/2021 (cont'd.)*

NEGER/DAERAH State/District	PURATA HASIL PADI KERING (KG/HA) Average yield of dried paddy (kg/ha)						
	KESELURUHAN Overall			JELAPANG PADI Granary Area	LUAR JELAPANG PADI Outside Granary Area		
	KESELURUHAN Overall	SKIM PENGAIARAN Irrigation scheme	LUAR SKIM PENGAIARAN Outside irrigation scheme		KESELURUHAN Overall	SKIM PENGAIARAN Irrigation scheme	LUAR SKIM PENGAIARAN Outside irrigation scheme
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>MELAKA</b>	<b>3,550</b>	<b>3,772</b>	<b>3,389</b>	<b>-</b>	<b>3,550</b>	<b>3,772</b>	<b>3,389</b>
1. Alor Gajah	3,592	3,678	2,607	-	3,592	3,678	2,607
2. Jasin	3,428	3,723	2,957	-	3,428	3,723	2,957
3. Melaka Tengah	3,585	3,913	3,489	-	3,585	3,913	3,489
<b>N. SEMBILAN</b>	<b>3,462</b>	<b>3,462</b>	<b>-</b>	<b>-</b>	<b>3,462</b>	<b>3,462</b>	<b>-</b>
1. Jelebu	3,394	3,394	-	-	3,394	3,394	-
2. Jempol	3,281	3,281	-	-	3,281	3,281	-
3. Kuala Pilah	3,551	3,551	-	-	3,551	3,551	-
4. Rembau	2,870	2,870	-	-	2,870	2,870	-
<b>PAHANG</b>	<b>4,258</b>	<b>4,273</b>	<b>3,958</b>	<b>4,277</b>	<b>3,905</b>	<b>2,756</b>	<b>3,958</b>
1. Bera	3,117	3,117	-	-	3,117	3,117	-
2. Jerantut	-	-	-	-	-	-	-
3. Kuantan	4,195	4,195	-	-	4,195	4,195	-
4. Maran	2,610	3,803	940	-	2,610	3,803	940
5. Pekan	3,870	3,834	4,833	3,834 *	4,833	-	4,833
6. Rompin	5,161	5,288	2,855	5,288 **	2,855	-	2,855
7. Temerloh	-	-	-	-	-	-	-
<b>PERAK</b>	<b>4,152</b>	<b>4,152</b>	<b>-</b>	<b>4,047</b>	<b>4,704</b>	<b>4,704</b>	<b>-</b>
1. Hilir Perak	3,872	3,872	-	2,733 ***	6,722	6,722	-
2. Kerian	4,381	4,381	-	4,381 ****	-	-	-
3. Kuala Kangsar	4,709	4,709	-	-	4,709	4,709	-
4. Larut Matang & Selama	3,039	3,039	-	-	3,039	3,039	-
5. Perak Tengah	4,047	4,047	-	4,081 ***	3,758	3,758	-

\*IADA Pekan

\*\*IADA Rompin

\*\*\* IADA Seberang Perak

\*\*\*\* IADA Kerian

Catatan: Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).

Notes: Refer to the symbols used in Notes I, page (xxxii).

**JADUAL B3: PURATA HASIL PADI KERING MENGIKUT NEGERI, DAERAH  
DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021 (SAMB.)**

*Table B3: Average yield of dried paddy by state, district  
and area type, Malaysia, Main Season 2020/2021 (cont'd.)*

NEGERI/DAERAH State/District	HASIL PURATA PADI KERING (KG/HA) Average yield of dried paddy (kg/ha)						
	KESELURUHAN Overall			JELAPANG PADI Granary Area	LUAR JELAPANG PADI Outside Granary Area		
	KESELURUHAN Overall	SKIM PENGAIRAN Irrigation scheme	LUAR SKIM PENGAIRAN Outside irrigation scheme		KESELURUHAN Overall	SKIM PENGAIRAN Irrigation scheme	LUAR SKIM PENGAIRAN Outside irrigation scheme
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>PERLIS</b>	<b>4,266</b>	<b>4,365</b>	<b>3,744</b>	<b>4,559</b>	<b>3,473</b>	<b>3,226</b>	<b>3,744</b>
1. MADA Wilayah I	4,559	4,559	-	4,559	-	-	-
2. Perlis (L/MADA)	3,473	3,226	3,744	-	3,473	3,226	3,744
<b>PULAU PINANG</b>	<b>6,060</b>	<b>6,060</b>	<b>-</b>	<b>6,060</b>	<b>-</b>	<b>-</b>	<b>-</b>
1. Barat Daya	5,555	5,555	-	5,555	-	-	-
2. Seb. P. Selatan	4,679	4,679	-	4,679	-	-	-
3. Seb. P. Tengah	6,990	6,990	-	6,990	-	-	-
4. Seb. P. Utara	6,019	6,019	-	6,019	-	-	-
<b>SELANGOR</b>	<b>5,113</b>	<b>5,113</b>	<b>-</b>	<b>5,113</b>	<b>-</b>	<b>-</b>	<b>-</b>
1. Kuala Selangor	5,088	5,088	-	5,088	-	-	-
2. Sabak Bernam	5,124	5,124	-	5,124	-	-	-
<b>TERENGGANU</b>	<b>4,191</b>	<b>4,306</b>	<b>2,308</b>	<b>5,966 *</b>	<b>2,679</b>	<b>2,723</b>	<b>2,308</b>
1. Besut	5,085	5,119	2,876	5,966 *	3,213	3,230	2,876
2. Dungun	2,829	2,829	-	-	2,829	2,829	-
3. H. Terengganu	3,395	3,395	-	-	3,395	3,395	-
4. Kemaman	3,786	3,786	-	-	3,786	3,786	-
5. K. Terengganu	2,478	2,550	2,354	-	2,478	2,550	2,354
6. Kuala Nerus	3,633	3,781	1,410	-	3,633	3,781	1,410
7. Marang	2,871	3,317	2,284	-	2,871	3,317	2,284
8. Setiu	2,800	2,795	3,164	-	2,800	2,795	3,164
<b>SEM. MALAYSIA</b> <i>Pen. Malaysia</i>	<b>4,691</b>	<b>4,253</b>	<b>3,298</b>	<b>5,313</b>	<b>4,246</b>	<b>3,756</b>	<b>3,298</b>

\* KETARA

Catatan: Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).

Notes: Refer to the symbols used in Notes I, page (xxxii).

**JADUAL B3: PURATA HASIL PADI KERING MENGIKUT NEGERI, DAERAH  
DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021 (SAMB.)**

*Table B3: Average yield of dried paddy by state, district  
and area type, Malaysia, Main Season 2020/2021 (cont'd.)*

NEGERI/DAERAH State/District	PURATA HASIL PADI KERING (KG/HA) Average yield of dried paddy (kg/ha)						
	KESELURUHAN Overall			JELAPANG PADI Granary Area	LUAR JELAPANG PADI Outside Granary Area		
	KESELURUHAN Overall	SKIM PENGAIRAN Irrigation scheme	LUAR SKIM PENGAIRAN Outside irrigation scheme		KESELURUHAN Overall	SKIM PENGAIRAN Irrigation scheme	LUAR SKIM PENGAIRAN Outside irrigation scheme
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>SABAH</b>	<b>3,793</b>	<b>-</b>	<b>-</b>	<b>3,734</b>	<b>3,771</b>	<b>-</b>	<b>-</b>
1. Beaufort	4,205	-	-	-	4,205	-	-
2. Keningau	4,506	-	-	-	4,506	-	-
3. Kota Belud	3,734	-	-	3,734 *	3,734	-	-
4. Kota Kinabalu	3,348	-	-	-	3,348	-	-
5. Kota Marudu	3,283	-	-	-	3,283	-	-
6. Kuala Penyu	4,552	-	-	-	4,552	-	-
7. Kudat	3,118	-	-	-	3,118	-	-
8. Papar	4,584	-	-	-	4,584	-	-
9. Penampang	-	-	-	-	-	-	-
10. Pitas	3,462	-	-	-	3,462	-	-
11. Ranau	3,764	-	-	-	3,764	-	-
12. Sipitang	3,032	-	-	-	3,032	-	-
13. Tambunan	4,092	-	-	-	4,092	-	-
14. Tenom	2,875	-	-	-	2,875	-	-
15. Tuaran	3,988	-	-	-	3,988	-	-
16. Beluran	2,914	-	-	-	2,914	-	-
17. Sook	3,133	-	-	-	3,133	-	-
18. Nabawan	2,406	-	-	-	2,406	-	-
19. Tawau	-	-	-	-	-	-	-
20. Lain-lain Daerah	3,661	-	-	-	3,661	-	-
<b>SARAWAK</b>	<b>2,756</b>	<b>-</b>	<b>-</b>	<b>3,289</b>	<b>2,756</b>	<b>-</b>	<b>-</b>
1. Kuching	1,990	-	-	-	1,990	-	-
2. Bau	4,105	-	-	-	4,105	-	-
3. Lundu	2,290	-	-	-	2,290	-	-
4. Sri Aman	3,330	-	-	3,289 **	3,490	-	-
5. Pantu	2,790	-	-	-	2,790	-	-
6. Lubok Antu	2,880	-	-	-	2,880	-	-
7. Sibul	2,717	-	-	-	2,717	-	-
8. Kanowit	1,606	-	-	-	1,606	-	-
9. Selangau	2,264	-	-	-	2,264	-	-

\* IADA Kota Belud

\*\* IADA Batang Lupar

Catatan:

Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).

Notes:

Refer to the symbols used in Notes I, page (xxxii).

**JADUAL B3: PURATA HASIL PADI KERING MENGIKUT NEGERI, DAERAH  
DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021 (SAMB.)**

*Table B3: Average yield of dried paddy by state, district  
and area type, Malaysia, Main Season 2020/2021 (cont'd.)*

NEGERI/DAERAH State/District	PURATA HASIL PADI KERING (KG/HA) Average yield of dried paddy (kg/ha)						
	KESELURUHAN Overall			JELAPANG PADI Granary Area	LUAR JELAPANG PADI Outside Granary Area		
	KESELURUHAN Overall	SKIM PENGAIRAN Irrigation scheme	LUAR SKIM PENGAIRAN Outside irrigation scheme		KESELURUHAN Overall	SKIM PENGAIRAN Irrigation scheme	LUAR SKIM PENGAIRAN Outside irrigation scheme
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>SARAWAK</b>	<b>2,756</b>	<b>-</b>	<b>-</b>	<b>3,289</b>	<b>2,756</b>	<b>-</b>	<b>-</b>
10. Miri	971	-	-	-	971	-	-
11. Marudi	2,185	-	-	-	2,185	-	-
12. Subis	971	-	-	-	971	-	-
13. Beluru	971	-	-	-	971	-	-
14. Telang Usang	2,418	-	-	-	2,418	-	-
15. Limbang	3,668	-	-	-	3,668	-	-
16. Lawas	1,395	-	-	-	1,395	-	-
17. Sarikei	2,600	-	-	-	2,600	-	-
18. Meradong	3,212	-	-	-	3,212	-	-
19. Julau	2,696	-	-	-	2,696	-	-
20. Pakan	1,347	-	-	-	1,347	-	-
21. Kapit	3,545	-	-	-	3,545	-	-
22. Song	3,829	-	-	-	3,829	-	-
23. Belaga	-	-	-	-	-	-	-
24. Bukit Mabong	3,364	-	-	-	3,364	-	-
25. Samarahan	5,265	-	-	-	5,265	-	-
26. Simunjan	4,955	-	-	-	4,955	-	-
27. Asajaya	2,250	-	-	-	2,250	-	-
28. Bintulu	1,690	-	-	-	1,690	-	-
29. Tatau	1,125	-	-	-	1,125	-	-
30. Sebauh	1,881	-	-	-	1,881	-	-
31. Mukah	170	-	-	-	170	-	-
32. Dalat	2,728	-	-	-	2,728	-	-
33. Daro	3,074	-	-	-	3,074	-	-
34. Matu	1,041	-	-	-	1,041	-	-
35. Tanjung Manis	4,579	-	-	-	4,579	-	-
36. Betong	2,600	-	-	-	2,600	-	-
37. Saratok	5,260	-	-	-	5,260	-	-
38. Pusa	2,825	-	-	-	2,825	-	-
39. Kabong	3,160	-	-	-	3,160	-	-
40. Serian	3,805	-	-	-	3,805	-	-
41. Tebedu	4,565	-	-	-	4,565	-	-
42. Siburan	4,605	-	-	-	4,605	-	-
<b>MALAYSIA</b>	<b>4,386</b>	<b>4,253*</b>	<b>3,298*</b>	<b>4,687</b>	<b>4,246*</b>	<b>3,756*</b>	<b>3,298*</b>

Catatan: Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).

Notes: Refer to the symbols used in Notes I, page (xxxii).

\* Merujuk kepada Semenanjung Malaysia sahaja.  
Refers to Peninsular Malaysia only.

**JADUAL B4: PURATA HASIL PADI BERSIH MENGIKUT NEGERI, DAERAH  
DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021**

*Table B4: Average yield of cleaned paddy by state, district  
and area type, Malaysia, Main Season 2020/2021*

NEGERI/DAERAH State/District	PURATA HASIL PADI BERSIH (KG/HA) Average yield of cleaned paddy (kg/ha)							RALAT PIAWAI RELATIF Relative Standard Error (%)
	KESELURUHAN Overall			JELAPANG PADI Granary Area	LUAR JELAPANG PADI Outside Granary Area			
	KESELURUHAN Overall	SKIM PENGAIRAN Irrigation scheme	LUAR SKIM PENGAIRAN Outside irrigation scheme		KESELURUHAN Overall	SKIM PENGAIRAN Irrigation scheme	LUAR SKIM PENGAIRAN Outside irrigation scheme	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>JOHOR</b>	<b>3,245</b>	<b>3,238</b>	<b>3,376</b>	<b>-</b>	<b>3,245</b>	<b>3,238</b>	<b>3,376</b>	<b>5.8</b>
1. Batu Pahat	3,806	3,806	-	-	3,806	3,806	-	7.3
2. Kluang	2,488	2,488	-	-	2,488	2,488	-	16.4
3. Tangkak	3,577	3,577	-	-	3,577	3,577	-	4.3
4. Mersing	3,025	2,959	3,376	-	3,025	2,959	3,376	16.4
5. Muar	2,986	2,986	-	-	2,986	2,986	-	12.3
<b>KEDAH</b>	<b>4,239</b>	<b>3,112</b>	<b>2,751</b>	<b>3,898</b>	<b>4,437</b>	<b>3,427</b>	<b>2,751</b>	<b>0.7</b>
1. Baling	2,360	2,519	2,155	-	2,360	2,519	2,155	5.3
2. Bandar Baru	3,824	3,824	-	-	3,824	3,824	-	20.7
3. Pokok Sena	2,828	-	2,828	-	2,828	-	2,828	5.1
4. Kuala Muda	3,887	4,078	3,481	-	3,887	4,078	3,481	8.8
5. Kubang Pasu	3,822	3,442	2,445	-	3,822	3,442	2,445	9.3
6. Kulim	2,714	2,714	-	-	2,714	2,714	-	11.3
7. Langkawi	2,481	2,532	2,425	-	2,481	2,532	2,425	2.1
8. Padang Terap	1,913	2,358	1,869	-	1,913	2,358	1,869	7.3
9. Pendang	3,438	-	3,438	-	3,438	-	3,438	0.5
10. Sik	1,848	1,875	1,792	-	1,848	1,875	1,792	4.8
11. Yan	3,300	3,272	3,331	-	3,300	3,272	3,331	1.0
12. MADA Wilayah II	4,153	4,153	-	4,153	-	-	-	1.5
13. MADA Wilayah III	3,289	3,289	-	3,289	-	-	-	2.1
14. MADA Wilayah IV	4,115	4,115	-	4,115	-	-	-	1.4
<b>KELANTAN</b>	<b>4,523</b>	<b>4,718</b>	<b>3,189</b>	<b>4,940</b>	<b>3,466</b>	<b>3,791</b>	<b>3,189</b>	<b>0.7</b>
1. Bachok	4,655	4,655	-	4,913 * 3,803 **	-	-	-	1.0
2. Jeli	-	-	-	-	-	-	-	0.0
3. Kota Bharu	4,801	4,803	3,091	4,915 *	3,350	3,472	3,091	1.4
4. Kuala Krai	2,608	2,621	2,539	-	2,608	2,621	2,539	1.7
5. Machang	3,866	4,014	3,430	-	3,866	4,014	3,430	3.0
6. Pasir Mas	4,337	4,787	3,260	5,112 *	3,293	3,397	3,260	1.8
7. Pasir Puteh	4,466	4,607	3,342	5,486 * 3,754 **	3,475	3,696	3,342	1.0
8. Tanah Merah	3,384	3,457	3,157	-	3,384	3,457	3,157	1.9
9. Tumpat	4,946	5,281	2,295	5,467 *	2,883	4,199	2,295	2.6

\* KADA

\*\* IADA Kemasin Semerak

Catatan: Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxii).

Notes: Refer to the symbols used in Notes I, page (xxxii).

**JADUAL B4: PURATA HASIL PADI BERSIH MENGIKUT NEGERI, DAERAH  
DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021 (SAMB.)**

*Table B4: Average yield of cleaned paddy by state, district  
and area type, Malaysia, Main Season 2020/2021 (cont'd)*

NEGERI/DAERAH <i>State/District</i>	PURATA HASIL PADI BERSIH (KG/HA) <i>Average yield of cleaned paddy (kg/ha)</i>							RALAT PIAWAI <i>Relative Standard Error (%)</i>	
	KESELURUHAN <i>Overall</i>			JELAPANG PADI <i>Granary Area</i>	LUAR JELAPANG PADI <i>Outside Granary Area</i>				
	KESELURUHAN <i>Overall</i>	SKIM PENGAIIRAN <i>Irrigation scheme</i>	LUAR SKIM PENGAIIRAN <i>Outside irrigation scheme</i>		KESELURUHAN <i>Overall</i>	SKIM PENGAIIRAN <i>Irrigation scheme</i>	LUAR SKIM PENGAIIRAN <i>Outside irrigation scheme</i>		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)
<b>MELAKA</b>	<b>2,888</b>	<b>3,068</b>	<b>2,757</b>	-	-	<b>2,888</b>	<b>3,068</b>	<b>2,757</b>	<b>1.1</b>
1. Alor Gajah	2,922	3,992	2,121	-	-	2,922	3,992	2,121	1.2
2. Jasin	2,789	3,029	2,406	-	-	2,789	3,029	2,406	1.9
3. Melaka Tengah	2,916	3,183	2,838	-	-	2,916	3,183	2,838	1.5
<b>N. SEMBILAN</b>	<b>3,119</b>	<b>3,119</b>	-	-	-	<b>3,119</b>	<b>3,119</b>	-	<b>3.0</b>
1. Jelebu	3,058	3,058	-	-	-	3,058	3,058	-	2.7
2. Jempol	2,956	2,956	-	-	-	2,956	2,956	-	5.5
3. Kuala Pilah	3,199	3,199	-	-	-	3,199	3,199	-	3.7
4. Rembau	2,586	2,586	-	-	-	2,586	2,586	-	3.3
<b>PAHANG</b>	<b>3,939</b>	<b>3,953</b>	<b>3,662</b>	<b>3,985</b>	-	<b>3,613</b>	<b>2,550</b>	<b>3,662</b>	<b>7.7</b>
1. Bera	2,883	2,883	-	-	-	2,883	2,883	-	13.1
2. Jerantut	-	-	-	-	-	-	-	-	-
3. Kuantan	3,881	3,881	-	-	-	3,881	3,881	-	16.2
4. Maran	2,414	3,518	869	-	-	2,414	3,518	869	3.5
5. Pekan	3,515	3,482	4,471	3,482 *	-	4,471	-	4,471	2.3
6. Rompin	5,010	5,133	2,641	5,133 **	-	2,641	-	2,641	7.1
<b>PERAK</b>	<b>3,370</b>	<b>3,370</b>	-	<b>3,374</b>	-	<b>3,818</b>	<b>3,818</b>	-	<b>1.7</b>
1. Hilir Perak	3,143	3,143	-	2,020 ***	-	5,456	5,456	-	2.2
2. Kerian	3,893	3,893	-	3,893 ****	-	-	-	-	0.8
3. Kuala Kangsar	3,822	3,822	-	-	-	3,822	3,822	-	1.2
4. Larut Matang & Selama	2,467	2,467	-	-	-	2,467	2,467	-	1.9
5. Perak Tengah	3,284	3,284	-	3,016 ***	-	3,050	3,050	-	5.6

\*IADA Pekan

\*\*IADA Rompin

\*\*\* IADA Seberang Perak

\*\*\*\* IADA Kerian

Catatan: Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).

Notes: Refer to the symbols used in Notes I, page (xxxii).

**JADUAL B4: PURATA HASIL PADI BERSIH MENGIKUT NEGERI, DAERAH  
DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021 (SAMB.)**

*Table B4: Average yield of cleaned paddy by state, district  
and area type, Malaysia, Main Season 2020/2021 (cont'd)*

NEGERI/DAERAH <i>State/District</i>	PURATA HASIL PADI BERSIH (KG/HA) <i>Average yield of cleaned paddy (kg/ha)</i>							RALAT PIAWAI RELATIF <i>Relative Standard Error (%)</i>	
	KESELURUHAN <i>Overall</i>				JELAPANG PADI <i>Granary Area</i>	LUAR JELAPANG PADI <i>Outside Granary Area</i>			
	KESELURUHAN <i>Overall</i>	SKIM	LUAR	PENGALIRAN <i>Irrigation scheme</i>		SKIM	SKIM		LUAR
		PENGALIRAN <i>Irrigation scheme</i>	PENGALIRAN <i>Outside irrigation scheme</i>		PENGALIRAN <i>Irrigation scheme</i>		PENGALIRAN <i>Outside irrigation scheme</i>		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
<b>PERLIS</b>	<b>3,772</b>	<b>3,859</b>	<b>3,310</b>	<b>4,039</b>	<b>3,071</b>	<b>2,852</b>	<b>3,310</b>	<b>0.0</b>	
1. MADA Wilayah I	4,039	4,039	-	4,039	-	-	-	1.0	
2. Perlis (L/MADA)	3,071	2,852	3,310	-	3,071	2,852	3,310	4.9	
<b>PULAU PINANG</b>	<b>5,716</b>	<b>5,716</b>	<b>-</b>	<b>5,716</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1.4</b>	
1. Barat Daya	5,240	5,240	-	5,240	-	-	-	0.0	
2. Seb. P. Selatan	4,413	4,413	-	4,413	-	-	-	2.8	
3. Seb. P. Tengah	6,593	6,593	-	6,593	-	-	-	3.5	
4. Seb. P. Utara	5,677	5,677	-	5,677	-	-	-	1.7	
<b>SELANGOR</b>	<b>4,790</b>	<b>4,790</b>	<b>-</b>	<b>4,790</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2.0</b>	
1. Kuala Selangor	4,766	4,766	-	4,766	-	-	-	4.4	
2. Sabak Bernam	4,800	4,800	-	4,800	-	-	-	2.1	
<b>TERENGGANU</b>	<b>3,518</b>	<b>3,614</b>	<b>1,937</b>	<b>5,407 *</b>	<b>2,248</b>	<b>2,285</b>	<b>1,937</b>	<b>1.2</b>	
1. Besut	4,268	4,296	2,414	5,407 *	2,696	2,711	2,414	1.5	
2. Dungun	2,375	2,375	-	-	2,375	2,375	-	5.8	
3. H. Terengganu	2,850	2,850	-	-	2,850	2,850	-	9.3	
4. K. Terengganu	2,079	2,140	1,976	-	2,079	2,140	1,976	1.5	
5. Kemaman	3,177	3,177	-	-	3,177	3,177	-	3.6	
6. Kuala Nerus	3,049	3,173	1,183	-	3,049	3,173	1,183	6.1	
7. Marang	2,409	2,784	1,917	-	2,409	2,784	1,917	1.4	
8. Setiu	2,350	2,346	2,655	-	2,350	2,346	2,655	2.9	
<b>SEM. MALAYSIA</b> <i>Pen. Malaysia</i>	<b>4,155</b>	<b>3,772</b>	<b>2,923</b>	<b>4,746</b>	<b>3,718</b>	<b>3,258</b>	<b>2,923</b>	<b>1.6</b>	

\* KETARA

Catatan: Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).

Notes: Refer to the symbols used in Notes I, page (xxxii).

**JADUAL B4: PURATA HASIL PADI BERSIH MENGIKUT NEGERI, DAERAH  
DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021 (SAMB.)**

*Table B4: Average yield of cleaned paddy by state, district  
and area type, Malaysia, Main Season 2020/2021 (cont'd)*

NEGERI/DAERAH <i>State/District</i>	PURATA HASIL PADI BERSIH (KG/HA) <i>Average yield of cleaned paddy (kg/ha)</i>							RALAT PIAWAI <i>Relative Standard Error (%)</i>
	KESELURUHAN <i>Overall</i>			JELAPANG PADI <i>Granary Area</i>	LUAR JELAPANG PADI <i>Outside Granary Area</i>			
	KESELURUHAN <i>Overall</i>	SKIM PENGAIKARAN <i>Irrigation scheme</i>	LUAR SKIM PENGAIKARAN <i>Outside irrigation scheme</i>		KESELURUHAN <i>Overall</i>	SKIM PENGAIKARAN <i>Irrigation scheme</i>	LUAR SKIM PENGAIKARAN <i>Outside irrigation scheme</i>	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	
<b>SABAH</b>	<b>3,362</b>	-	-	<b>3,276</b>	<b>3,354</b>	-	-	<b>1.3</b>
1. Beaufort	3,677	-	-	-	3,677	-	-	3.0
2. Keningau	4,110	-	-	-	4,110	-	-	1.2
3. Kota Belud	3,276	-	-	3,276 *	3,276	-	-	1.0
4. Kota Kinabalu	3,190	-	-	-	3,190	-	-	8.3
5. Kota Marudu	2,752	-	-	-	2,752	-	-	1.4
6. Kuala Penyu	3,998	-	-	-	3,998	-	-	3.6
7. Kudat	2,859	-	-	-	2,859	-	-	6.0
8. Papar	3,887	-	-	-	3,887	-	-	6.2
9. Penampang	-	-	-	-	-	-	-	-
10. Pitas	3,196	-	-	-	3,196	-	-	1.3
11. Ranau	3,623	-	-	-	3,623	-	-	1.6
12. Sipitang	2,899	-	-	-	2,899	-	-	5.1
13. Tambunan	3,672	-	-	-	3,672	-	-	6.1
14. Tenom	2,653	-	-	-	2,653	-	-	4.1
15. Tuaran	3,362	-	-	-	3,362	-	-	3.1
16. Beluran	2,826	-	-	-	2,826	-	-	1.4
17. Sook	2,867	-	-	-	2,867	-	-	11.9
18. Nabawan	2,217	-	-	-	2,217	-	-	16.5
19. Tawau	-	-	-	-	-	-	-	-
20. Lain-lain Daerah	3,256	-	-	-	3,256	-	-	4.7
<b>SARAWAK</b>	<b>2,679</b>	-	-	<b>2,861</b>	<b>2,675</b>	-	-	<b>2.3</b>
1. Kuching	2,016	-	-	-	2,016	-	-	30.6
2. Bau	3,855	-	-	-	3,855	-	-	6.9
3. Lundu	2,109	-	-	-	2,109	-	-	10.6
4. Sri Aman	3,181	-	-	2,861 *	3,182	-	-	3.2
5. Pantu	2,653	-	-	-	2,653	-	-	0.9
6. Lubok Antu	2,722	-	-	-	2,722	-	-	6.5
7. Sibul	2,450	-	-	-	2,450	-	-	2.7
8. Kanowit	1,448	-	-	-	1,448	-	-	3.7
9. Selangau	2,054	-	-	-	2,054	-	-	3.6

\* IADA Kota Belud      \*\* IADA Batang Lupar

Catatan: Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxx).

Notes: Refer to the symbols used in Notes I, page (xxxii).

**JADUAL B4: PURATA HASIL PADI BERSIH MENGIKUT NEGERI, DAERAH  
DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021 (SAMB.)**

*Table B4: Average yield of cleaned paddy by state, district  
and area type, Malaysia, Main Season 2020/2021 (cont'd)*

NEGERI/DAERAH State/District	PURATA HASIL PADI BERSIH (KG/HA) Average yield of cleaned paddy (kg/ha)							RALAT PIAWAI RELATIF Relative Standard Error (%)
	KESELURUHAN Overall			JELAPANG PADI Granary Area	LUAR JELAPANG PADI Outside Granary Area			
	KESELURUHAN Overall	SKIM PENGAIAN Irrigation scheme	LUAR SKIM PENGAIAN Outside irrigation scheme		KESELURUHAN Overall	SKIM PENGAIAN Irrigation scheme	LUAR SKIM PENGAIAN Outside irrigation scheme	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>SARAWAK</b>	<b>2,679</b>	-	-	<b>2,861</b>	<b>2,675</b>	-	-	<b>2.3</b>
10. Miri	888	-	-	-	888	-	-	-
11. Marudi	1,998	-	-	-	1,998	-	-	8.6
12. Subis	888	-	-	-	888	-	-	-
13. Beluru	888	-	-	-	888	-	-	-
14. Telang Usang	2,211	-	-	-	2,211	-	-	6.3
15. Limbang	3,566	-	-	-	3,566	-	-	7.5
16. Lawas	1,409	-	-	-	1,409	-	-	12.1
17. Sarikei	2,399	-	-	-	2,399	-	-	4.0
18. Meradong	3,057	-	-	-	3,057	-	-	3.2
19. Julau	2,171	-	-	-	2,171	-	-	1.7
20. Pakan	1,023	-	-	-	1,023	-	-	9.0
21. Kapit	3,009	-	-	-	3,009	-	-	1.9
22. Song	3,249	-	-	-	3,249	-	-	7.3
23. Belaga	-	-	-	-	-	-	-	-
24. Bukit Mabong	2,855	-	-	-	2,855	-	-	7.0
25. Samarahan	5,012	-	-	-	5,012	-	-	12.8
26. Simunjan	4,687	-	-	-	4,687	-	-	9.9
27. Asajaya	1,859	-	-	-	1,859	-	-	7.6
28. Bintulu	1,643	-	-	-	1,643	-	-	4.9
29. Tatau	1,088	-	-	-	1,088	-	-	5.0
30. Sebauh	1,816	-	-	-	1,816	-	-	6.2
31. Mukah	139	-	-	-	139	-	-	10.5
32. Dalat	2,237	-	-	-	2,237	-	-	22.6
33. Daro	2,804	-	-	-	2,804	-	-	13.5
34. Matu	739	-	-	-	739	-	-	13.9
35. Tanjung Manis	4,384	-	-	-	4,384	-	-	11.6
36. Betong	2,530	-	-	-	2,530	-	-	9.5
37. Saratok	5,008	-	-	-	5,008	-	-	3.0
38. Pusa	2,709	-	-	-	2,709	-	-	9.1
39. Kabong	2,989	-	-	-	2,989	-	-	5.4
40. Serian	3,493	-	-	-	3,493	-	-	2.6
41. Tebedu	4,232	-	-	-	4,232	-	-	6.0
42. Siburan	4,016	-	-	-	4,016	-	-	6.0
<b>MALAYSIA</b>	<b>4,288</b>	<b>3,772*</b>	<b>2,923*</b>	<b>4,185</b>	<b>3,718*</b>	<b>3,258</b>	<b>2,923*</b>	<b>2.5</b>

Catatan: Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxii).

Notes: Refer to the symbols used in Notes I, page (xxxii).

\* Merujuk kepada Semenanjung Malaysia sahaja.  
Refers to Peninsular Malaysia only.

**JADUAL B5: KELUASAN PASEL PADI DAN KELUASAN BERTANAM PADI  
MENGIKUT NEGERI DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021**  
*Table B5: Paddy parcel area and paddy planted area  
by state and area type, Malaysia, Main Season 2020/2021*

NEGERI State	KESELURUHAN Overall						SKIM PENGAIRAN Irrigation Scheme						LUAR SKIM PENGAIRAN Outside Irrigation Scheme								
	BIL. UKT BERPASEL PADI (BLOK) No. of AAU With Paddy Parcel (Block)	KELUASAN PASEL (HEKTAR) Paddy Parcel Area (Hectare)	(2)	(3)	(4)	(5)	(6)	BIL. UKT BERPASEL PADI (BLOK) No. of AAU With Paddy Parcel (Block)	KELUASAN PASEL (HEKTAR) Paddy Parcel Area (Hectare)	(7)	(8)	(9)	(10)	(11)	BIL. UKT BERPASEL PADI (BLOK) No. of AAU With Paddy Parcel (Block)	KELUASAN PASEL (HEKTAR) Paddy Parcel Area (Hectare)	(12)	(13)	(14)	(15)	(16)
JOHOR	10	1,631	10	1,475	10	90.4	1,536	9	1,402	9	91.3	1,402	9	91.3	1	95	1	95	1	73	76.8
KEDAH	115	109,817	114	107,892	53	98.0	92,239	52	91,389	52	99.1	91,389	52	99.1	62	17,578	62	17,578	62	16,203	92.2
KELANTAN	131	45,005	125	40,333	86	89.6	38,736	82	35,191	82	90.8	35,191	82	90.8	43	6,269	43	6,269	43	5,142	82.0
MELAKA	27	1,837	27	1,731	11	94.2	762	11	728	11	95.5	728	11	95.5	16	1,075	16	1,075	16	1,003	93.3
N. SEMBILAN	16	2,065	12	877	16	42.5	2,065	12	877	12	42.5	877	12	42.5	-	-	-	-	-	-	-
PAHANG	48	10,165	40	8,720	39	85.8	9,545	33	8,303	33	87.0	8,303	33	87.0	9	620	9	620	7	417	67.3
PERAK	70	40,531	67	37,892	69	92.7	40,446	66	37,592	66	92.9	37,592	66	92.9	1	85	1	85	1	-	0.0
PERLIS	56	30,239	56	30,239	28	100.0	25,493	28	25,493	28	100.0	25,493	28	100.0	28	4,746	28	4,746	28	4,746	100.0
P. PINANG	43	12,105	43	12,105	43	100.0	12,105	43	12,105	43	100.0	12,105	43	100.0	-	-	-	-	-	-	-
SELANGOR	12	18,784	12	17,960	12	95.6	18,784	12	17,960	12	95.6	17,960	12	95.6	-	-	-	-	-	-	-
TERENGGANU	40	11,551	34	10,503	31	90.9	10,591	27	9,900	27	93.5	9,900	27	93.5	9	960	9	960	7	603	62.8
SEM. MALAYSIA Pen. Malaysia	568	283,730	540	269,127	397	94.9	252,302	375	240,940	375	95.5	240,940	375	95.5	171	31,428	165	31,428	165	28,187	89.7
SABAH	-	-	-	15,631	-	-	-	-	3,637	-	-	-	-	-	-	-	-	-	-	-	-
SARAWAK	-	-	-	44,805	-	-	-	-	1,121	-	-	-	-	-	-	-	-	-	-	-	-
MALAYSIA	568*	283,730*	540*	329,563	397*	94.9*	252,302*	376*	245,698	376*	95.5*	245,698	376*	95.5*	171*	31,428*	165*	31,428*	165*	28,187*	89.7*

Catatan: \*Merujuk kepada Semenanjung Malaysia sahaja.

Notes: Refers to Peninsular Malaysia only.

**JADUAL B6: KELUASAN PASEL PADI DAN KELUASAN BERTANAM PADI MENGIKUT  
KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2020/2021**

*Table B6: Paddy parcel area and paddy planted area  
by granary area, Peninsular Malaysia, Main Season 2020/2021*

JELAPANG PADI <i>Granary area</i>	KELUASAN PASEL PADI (HEKTAR) <i>Paddy parcel area (hectare)</i>	KELUASAN BERTANAM PADI <i>Paddy planted area</i>	
		HEKTAR <i>hectare</i>	%
(1)	(2)	(3)	(4)
MADA	100,685	100,671	100.0
KADA	26,833	26,300	98.0
IADA KERIAN	18,497	18,497	100.0
IADA BLS	18,784	17,960	95.6
IADA P. PINANG	12,105	12,105	100.0
IADA SEB. PERAK	14,140	13,148	93.0
IADA KETARA	4,876	4,876	100.0
IADA KEM. SEMERAK	5,051	4,497	89.0
IADA PEKAN	6,199	5,655	91.2
IADA ROMPIN	2,920	2,480	84.9
IADA KOTA BELUD	-	3,637	-
IADA BATANG LUPAR	-	1,121	-
<b>JUMLAH</b> <i>Total</i>	<b>210,090</b>	<b>210,947</b>	<b>*98.1</b>

\*Catatan: Iada Kota Belud dan Iada Batang Lupar tiada keluasan Pasel dan tidak termasuk dalam pengiraan peratus keluasan bertanam padi

*Notes: Calculation of paddy planted percentage is not inclusive IADA Kota Belud and IADA Batang Lupar*

**JADUAL B7: KELUASAN PASEL PADI DAN KELUASAN BERTANAM PADI MENGIKUT  
NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021**

*Table B7: Paddy parcel area and paddy planted area by  
state, district and area type, Malaysia, Main Season 2020/2021*

NEGERI/DAERAH <i>State/District</i>	KELUASAN PASEL PADI (HEKTAR) <i>Paddy parcel area (hectare)</i>	KELUASAN BERTANAM (HEKTAR) <i>Planted area (hectare)</i>			
		KESELURUHAN <i>Overall</i>	JELAPANG PADI <i>Granary Area</i>	LUAR JELAPANG PADI <i>Outside Granary Area</i>	
				SKIM PENGAIRAN <i>Irrigation scheme</i>	LUAR SKIM PENGAIRAN <i>Outside irrigation scheme</i>
(1)	(2)	(3)	(4)	(5)	(6)
<b>JOHOR</b>	<b>1,631</b>	<b>1,475</b>	<b>-</b>	<b>1,402</b>	<b>73</b>
1. Batu Pahat	66	66	-	66	-
2. Kluang	149	58	-	58	-
3. Tangkak	574	574	-	574	-
4. Mersing	527	462	-	389	73
5. Muar	315	315	-	315	-
<b>KEDAH</b>	<b>109,817</b>	<b>107,592</b>	<b>80,598</b>	<b>10,791</b>	<b>16,203</b>
1. Baling	1,907	1,172	-	661	511
2. Bandar Baru	944	835	-	835	-
3. Pokok Sena	2,588	2,550	-	-	2,550
4. Kuala Muda	7,251	7,210	-	4,899	2,311
5. Kubang Pasu	3,173	2,959	-	1,119	1,840
6. Kulim	832	643	-	643	-
7. Langkawi	2,711	2,651	-	1,380	1,271
8. Padang Terap	3,814	3,814	-	343	3,471
9. Pendang	3,667	3,659	-	-	3,659
10. Sik	1,604	787	-	530	257
11. Yan	714	714	-	381	333
12. MADA Wilayah II	32,595	32,590	32,590	-	-
13. MADA Wilayah III	22,681	22,672	22,672	-	-
14. MADA Wilayah IV	25,336	25,336	25,336	-	-
<b>KELANTAN</b>	<b>45,005</b>	<b>40,333</b>	<b>30,797</b>	<b>4,394</b>	<b>5,142</b>
1. Bachok	6,210	6,159	5,194 *	-	-
			965 **		
2. Jeli	39	-	-	-	-
3. Kota Bharu	7,267	7,028	7,003 *	17	8
4. Kuala Krai	94	64	-	54	10
5. Machang	4,232	2,933	-	2,191	742
6. Pasir Mas	10,116	8,806	5,387 *	821	2,598
7. Pasir Puteh	10,624	9,851	4,556 *	664	1,099
			3,532 **		
8. Tanah Merah	951	526	-	398	128
9. Tumpat	5,472	4,966	4,160 *	249	557

\* KADA

\*\* IADA Kemasin Semerak

**JADUAL B7: KELUASAN PASEL PADI DAN KELUASAN BERTANAM PADI MENGIKUT  
NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021 (SAMB.)**

*Table B7: Paddy parcel area and paddy planted area by  
state, district and area type, Malaysia, Main Season 2020/2021 (cont'd.)*

NEGERI/DAERAH <i>State/District</i>	KELUASAN PASEL PADI (HEKTAR) <i>Paddy parcel area (hectare)</i>	KELUASAN BERTANAM (HEKTAR) <i>Planted area (hectare)</i>			
		KESELURUHAN <i>Overall</i>	JELAPANG PADI <i>Granary Area</i>	LUAR JELAPANG PADI <i>Outside Granary Area</i>	
				SKIM PENGAIRAN <i>Irrigation scheme</i>	LUAR SKIM PENGAIRAN <i>Outside irrigation scheme</i>
(1)	(2)	(3)	(4)	(5)	(6)
<b>MELAKA</b>	<b>1,837</b>	<b>1,731</b>	<b>-</b>	<b>728</b>	<b>1,003</b>
1. Alor Gajah	282	260	-	239	21
2. Jasin	456	400	-	246	154
3. Melaka Tengah	1,099	1,071	-	243	828
<b>N. SEMBILAN</b>	<b>2,065</b>	<b>877</b>	<b>-</b>	<b>877</b>	<b>-</b>
1. Jelebu	204	1	-	1	-
2. Jempol	495	267	-	267	-
3. Kuala Pilah	1,122	600	-	600	-
4. Rembau	66	9	-	9	-
5. Tampin	178	-	-	-	-
<b>PAHANG</b>	<b>10,165</b>	<b>8,720</b>	<b>8,135</b>	<b>168</b>	<b>417</b>
1. Bera	120	55	-	55	-
2. Jerantut	30	-	-	-	-
3. Kuantan	110	85	-	85	-
4. Maran	369	48	-	28	20
5. Pekan	6,447	5,903	5,655 *	-	248
6. Rompin	3,062	2,622	2,480 **	-	142
7. Temerloh	27	7	-	-	7
<b>PERAK</b>	<b>40,531</b>	<b>37,592</b>	<b>31,645</b>	<b>5,947</b>	<b>0</b>
1. Hilir Perak	7,485	6,786	4,912 ***	1,874	-
2. Kerian	18,497	18,497	18,497 ****	-	-
3. Kuala Kangsar	998	416	-	416	-
4. Larut Matang & Selama	1,547	465	-	465	-
5. Perak Tengah	11,927	11,396	8,236 ***	3,160	-
6. Hulu Perak	77	32	-	32	-

\*IADA Pekan

\*\*IADA Rompin

\*\*\* IADA Seberang Perak

\*\*\*\* IADA Kerian

**JADUAL B7: KELUASAN PASEL PADI DAN KELUASAN BERTANAM PADI MENGIKUT  
NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021 (SAMB.)**

*Table B7: Paddy parcel area and paddy planted area by  
state, district and area type, Malaysia, Main Season 2020/2021 (cont'd.)*

NEGERI/DAERAH <i>State/District</i>	KELUASAN PASEL PADI (HEKTAR) <i>Paddy parcel area (hectare)</i>	KELUASAN BERTANAM (HEKTAR) <i>Planted area (hectare)</i>			
		KESELURUHAN <i>Overall</i>	JELAPANG PADI <i>Granary Area</i>	LUAR JELAPANG PADI <i>Outside Granary Area</i>	
				SKIM PENGAIRAN <i>Irrigation scheme</i>	LUAR SKIM PENGAIRAN <i>Outside irrigation scheme</i>
(1)	(2)	(3)	(4)	(5)	(6)
<b>PERLIS</b>	<b>30,239</b>	<b>30,239</b>	<b>20,073</b>	<b>5,420</b>	<b>4,746</b>
1. MADA Wilayah I	20,073	20,073	20,073	-	-
2. Perlis (L/MADA)	10,166	10,166	-	5,420	4,746
<b>PULAU PINANG</b>	<b>12,105</b>	<b>12,105</b>	<b>12,105</b>	<b>-</b>	<b>-</b>
1. Barat Daya	296	296	296	-	-
2. Seb. Prai Selatan	1,267	1,267	1,267	-	-
3. Seb. Prai Tengah	2,398	2,398	2,398	-	-
4. Seb. Prai Utara	8,144	8,144	8,144	-	-
<b>SELANGOR</b>	<b>18,784</b>	<b>17,960</b>	<b>17,960</b>	<b>-</b>	<b>-</b>
1. Kuala Selangor	5,648	5,432	5,432	-	-
2. Sabak Bernam	13,136	12,528	12,528	-	-
<b>TERENGGANU</b>	<b>11,551</b>	<b>10,503</b>	<b>4,876</b>	<b>5,024</b>	<b>603</b>
1. Besut	7,370	7,095	4,876 *	2,111	108
2. Dungun	44	33	-	33	-
3. Hulu Terengganu	300	193	-	193	-
4. Kemaman	93	58	-	58	-
5. Kuala Terengganu	756	589	-	370	219
6. Kuala Nerus	631	578	-	542	36
7. Marang	792	509	-	289	220
8. Setiu	1,565	1,448	-	1,428	20
<b>SEM. MALAYSIA <i>Pen. Malaysia</i></b>	<b>283,730</b>	<b>269,127</b>	<b>206,189</b>	<b>34,751</b>	<b>28,187</b>

\* KETARA

**JADUAL B7: KELUASAN PASEL PADI DAN KELUASAN BERTANAM PADI MENGIKUT  
NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021 (SAMB.)**

*Table B7: Paddy parcel area and paddy planted area by  
state, district and area type, Malaysia, Main Season 2020/2021 (cont'd.)*

NEGERI/DAERAH <i>State/District</i>	KELUASAN PASEL PADI (HEKTAR) <i>Paddy parcel area (hectare)</i>	KELUASAN BERTANAM (HEKTAR) <i>Planted area (hectare)</i>			
		KESELURUHAN <i>Overall</i>	JELAPANG PADI <i>Granary Area</i>	LUAR JELAPANG PADI <i>Outside Granary Area</i>	
				SKIM PENGAIRAN <i>Irrigation scheme</i>	LUAR SKIM PENGAIRAN <i>Outside irrigation scheme</i>
(1)	(2)	(3)	(4)	(5)	(6)
<b>SABAH</b>	-	<b>15,631</b>	<b>3,637</b>	-	-
1. Beaufort	-	126	-	-	-
2. Keningau	-	2,341	-	-	-
3. Kota Belud	-	3,637	3,637 *	-	-
4. Kota Kinabalu	-	22	-	-	-
5. Kota Marudu	-	1,837	-	-	-
6. Kuala Penyu	-	31	-	-	-
7. Kudat	-	82	-	-	-
8. Papar	-	484	-	-	-
9. Penampang	-	15	-	-	-
10. Pitas	-	1,482	-	-	-
11. Ranau	-	864	-	-	-
12. Sipitang	-	554	-	-	-
13. Tambunan	-	1,482	-	-	-
14. Tenom	-	435	-	-	-
15. Tuaran	-	425	-	-	-
16. Beluran	-	456	-	-	-
17. Sook	-	489	-	-	-
18. Nabawan	-	660	-	-	-
19. Tawau	-	21	-	-	-
20. Lain-lain Daerah	-	188	-	-	-

**JADUAL B7: KELUASAN PASEL PADI DAN KELUASAN BERTANAM PADI MENGIKUT  
NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021 (SAMB.)**

*Table B7: Paddy parcel area and paddy planted area by  
state, district and area type, Malaysia, Main Season 2020/2021 (cont'd.)*

NEGERI/DAERAH State/District	KELUASAN PASEL PADI (HEKTAR) Paddy parcel area (hectare)	KELUASAN BERTANAM (HEKTAR) Planted area (hectare)			
		KESELURUHAN Overall	JELAPANG PADI Granary Area	LUAR JELAPANG PADI Outside Granary Area	
				SKIM PENGAIRAN Irrigation scheme	LUAR SKIM PENGAIRAN Outside irrigation scheme
(1)	(2)	(3)	(4)	(5)	(6)
<b>SARAWAK</b>	-	<b>44,805</b>	<b>1,121</b>	-	-
1. Kuching	-	584	-	-	-
2. Bau	-	592	-	-	-
3. Lundu	-	412	-	-	-
4. Sri Aman	-	5,038	1,121 **	-	-
5. Pantu	-	713	-	-	-
6. Lubok Antu	-	2,275	-	-	-
7. Sibiu	-	632	-	-	-
8. Kanowit	-	2,282	-	-	-
9. Selangau	-	1,331	-	-	-
10. Miri	-	179	-	-	-
11. Marudi	-	912	-	-	-
12. Subis	-	3,479	-	-	-
13. Beluru	-	752	-	-	-
14. Telang Usang	-	891	-	-	-
15. Limbang	-	2,958	-	-	-
16. Lawas	-	1,596	-	-	-
17. Sarikei	-	1,409	-	-	-
18. Meradong	-	3,038	-	-	-
19. Julau	-	144	-	-	-
20. Pakan	-	102	-	-	-
21. Kapit	-	433	-	-	-
22. Song	-	316	-	-	-
23. Belaga	-	158	-	-	-
24. Bukit Mabong	-	195	-	-	-
25. Samarahan	-	248	-	-	-
26. Simunjan	-	1,239	-	-	-
27. Asajaya	-	620	-	-	-
28. Bintulu	-	19	-	-	-
29. Tatau	-	381	-	-	-
30. Sebauh	-	84	-	-	-
31. Mukah	-	226	-	-	-
32. Dalat	-	539	-	-	-
33. Daro	-	1,184	-	-	-
34. Matu	-	439	-	-	-
35. Tanjung Manis	-	206	-	-	-
36. Betong	-	415	-	-	-
37. Saratok	-	556	-	-	-
38. Pusa	-	43	-	-	-
39. Kabong	-	2,167	-	-	-
40. Serian	-	4,398	-	-	-
41. Tebedu	-	696	-	-	-
42. Siburan	-	924	-	-	-
<b>MALAYSIA</b>	<b>283,730 ***</b>	<b>329,563</b>	<b>210,947</b>	<b>34,751 ***</b>	<b>28,187 ***</b>

\* IADA Kota Belud

\*\* IADA Batang Lupar

Catatan: \*\*\* Merujuk kepada Semenanjung Malaysia sahaja

Notes: Refers to Peninsular Malaysia only

**JADUAL B8: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI  
MENGIKUT NEGERI DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021**  
**Table B8: Paddy planted area and paddy harvested area  
by state and area type, Malaysia, Main Season 2020/2021**

NEGERI State	KESELURUHAN Overall						SKIM PENGAIRAN Irrigation Scheme						LUAR SKIM PENGAIRAN Outside Irrigation Scheme						
	BIL. UKT AKTIF BER- TANAM PADI (BLOK) No. Of Active AAU Planted With Paddy (Block)	KELUASAN BERTANAM PADI (HEKTAR) Paddy Planted Area (Hectare)	(2)	(3)	(4)	(5)	(6)	BIL. UKT AKTIF BER- TANAM PADI (BLOK) No. Of Active AAU Planted With Paddy (Block)	KELUASAN BERTANAM PADI (HEKTAR) Paddy Planted Area (Hectare)	(8)	(9)	(10)	(11)	BIL. UKT AKTIF BER- TANAM PADI (BLOK) No. Of Active AAU Planted With Paddy (Block)	KELUASAN BERTANAM PADI (HEKTAR) Paddy Planted Area (Hectare)	(13)	(14)	(15)	(16)
JOHOR	10	1,475	10	1,475	100.0	9	1,402	9	1,402	100.0	1	1,402	100.0	1	73	73	1	73	100.0
KEDAH	114	107,592	114	107,592	100.0	52	91,389	52	91,389	100.0	62	91,389	100.0	62	16,203	16,203	62	16,203	100.0
KELANTAN	125	40,333	125	40,333	100.0	82	35,191	82	35,191	100.0	43	35,191	100.0	43	5,142	5,142	43	5,142	100.0
MELAKA	27	1,731	27	1,731	100.0	11	728	11	728	100.0	16	728	100.0	16	1,003	1,003	16	1,003	100.0
N. SEMBILAN	12	877	12	877	100.0	12	877	12	877	100.0	-	877	100.0	-	-	-	-	-	-
PAHANG	40	8,720	39	6,493	74.5	33	8,303	34	6,246	75.2	7	6,246	75.2	5	417	417	5	247	59.2
PERAK	67	37,592	67	37,550	99.9	66	37,592	66	37,592	99.9	1	37,550	99.9	1	-	-	1	-	-
PERLIS	56	30,239	56	30,239	100.0	28	25,493	28	25,493	100.0	28	25,493	100.0	28	4,746	4,746	28	4,746	100.0
P. PINANG	43	12,105	43	12,105	100.0	43	12,105	43	12,105	100.0	-	12,105	100.0	-	-	-	-	-	-
SELANGOR	12	17,960	12	17,960	100.0	12	17,960	12	17,960	100.0	-	17,960	100.0	-	-	-	-	-	-
TERENGGANU	34	10,503	34	10,503	100.0	27	9,900	27	9,900	100.0	7	9,900	100.0	7	603	603	7	603	100.0
SEM. MALAYSIA Pen. Malaysia	540	269,127	539	266,858	99.2	375	240,940	376	238,841	99.1	165	238,841	99.1	163	28,187	28,187	163	28,017	99.4
SABAH	-	15,631	-	15,631	-	-	3,637	-	3,637	-	-	-	-	-	-	-	-	-	-
SARAWAK	-	44,805	-	44,805	-	-	1,121	-	1,121	-	-	-	-	-	-	-	-	-	-
MALAYSIA	540*	329,563	540*	327,294	99.2*	375*	240,940*	376*	238,841*	99.1*	165*	238,841*	99.1*	163*	28,187*	28,187*	163*	28,017*	99.4*

Catatan: \* Merujuk kepada Semenanjung Malaysia sahaja.

Notes: Refers to Peninsular Malaysia only.

**JADUAL B9: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI MENGIKUT  
KAWASAN JELAPANG PADI, MALAYSIA, MUSIM UTAMA 2020/2021**

*Table B9: Paddy planted area and paddy harvested area  
by granary area, Malaysia, Main Season 2020/2021*

JELAPANG PADI <i>Granary area</i>	KELUASAN BERTANAM PADI (HEKTAR) <i>Paddy planted area (hectare)</i>	KELUASAN TUAIAN PADI <i>Paddy harvested area</i>	
		HEKTAR <i>hectare</i>	%
(1)	(2)	(3)	(4)
MADA	100,671	100,671	100.0
KADA	26,300	26,300	100.0
IADA KERIAN	18,497	18,497	100.0
IADA BLS	17,960	17,960	100.0
IADA P. PINANG	12,105	12,105	100.0
IADA SEBERANG PERAK	13,148	13,148	100.0
IADA KETARA	4,876	4,876	100.0
IADA KEMASIN SEMERAK	4,497	4,497	100.0
IADA PEKAN	5,655	3,620	64.0
IADA ROMPIN	2,480	2,430	98.0
IADA KOTA BELUD	3,637	3,637	100.0
IADA BATANG LUPAR	1,121	1,121	100.0
<b>JUMLAH <i>Total</i></b>	<b>210,947</b>	<b>208,862</b>	<b>99.0</b>

**JADUAL B10: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI MENGIKUT  
NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021**  
*Table B10: Paddy planted area and paddy harvested area by  
state, district and area type, Malaysia, Main Season 2020/2021*

NEGERI/DAERAH <i>State/District</i>	KELUASAN BERTANAM PADI (HEKTAR) <i>Paddy planted area (hectare)</i>	KELUASAN TUAIAN (HEKTAR) <i>Harvested area (hectare)</i>			
		KESELURUHAN <i>Overall</i>	JELAPANG PADI <i>Granary Area</i>	LUAR JELAPANG PADI <i>Outside Granary Area</i>	
				SKIM PENGAIIRAN <i>Irrigation scheme</i>	LUAR SKIM PENGAIIRAN <i>Outside irrigation scheme</i>
(1)	(2)	(3)	(4)	(5)	(6)
<b>JOHOR</b>	<b>1,475</b>	<b>1,475</b>	<b>-</b>	<b>1,402</b>	<b>73</b>
1. Batu Pahat	66	66	-	66	-
2. Kluang	58	58	-	58	-
3. Tangkak	574	574	-	574	-
4. Mersing	462	462	-	389	73
5. Muar	315	315	-	315	-
<b>KEDAH</b>	<b>107,592</b>	<b>107,592</b>	<b>80,598</b>	<b>10,791</b>	<b>16,203</b>
1. Baling	1,172	1,172	-	661	511
2. Bandar Baru	835	835	-	835	-
3. Pokok Sena	2,550	2,550	-	-	2,550
4. Kuala Muda	7,210	7,210	-	4,899	2,311
5. Kubang Pasu	2,959	2,959	-	1,119	1,840
6. Kulim	643	643	-	643	-
7. Langkawi	2,651	2,651	-	1,380	1,271
8. Padang Terap	3,814	3,814	-	343	3,471
9. Pendang	3,659	3,659	-	-	3,659
10. Sik	787	787	-	530	257
11. Yan	714	714	-	381	333
12. MADA Wilayah II	32,590	32,590	32,590	-	-
13. MADA Wilayah III	22,672	22,672	22,672	-	-
14. MADA Wilayah IV	25,336	25,336	25,336	-	-
<b>KELANTAN</b>	<b>40,333</b>	<b>40,333</b>	<b>30,797</b>	<b>4,394</b>	<b>5,142</b>
1. Bachok	6,159	6,159	5,194 *	-	0
			965 **		
2. Jeli	-	0	-	0	0
3. Kota Bharu	7,028	7,028	7,003 *	17	8
4. Kuala Krai	64	64	-	54	10
5. Machang	2,933	2,933	-	2,191	742
6. Pasir Mas	8,806	8,806	5,387 *	821	2,598
7. Pasir Puteh	9,851	9,851	4,556 *	664	1,099
			3,532 **		
8. Tanah Merah	526	526	-	398	128
9. Tumpat	4,966	4,966	4,160 *	249	557

\* KADA

\*\* IADA Kemasin Semerak

JADUAL B10: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021 (SAMB.)

Table B10: Paddy planted area and paddy harvested area by state, district and area type, Malaysia, Main Season 2020/2021 (cont'd.)

NEGERI/DAERAH State/District	KELUASAN BERTANAM PADI (HEKTAR) Paddy planted area (hectare)	KELUASAN TUAIAN (HEKTAR) Harvested area (hectare)			
		KESELURUHAN Overall	JELAPANG PADI Granary Area	LUAR JELAPANG PADI Outside Granary Area	
				SKIM PENGAIKAN Irrigation scheme	LUAR SKIM PENGAIKAN Outside irrigation scheme
(1)	(2)	(3)	(4)	(5)	(6)
<b>MELAKA</b>	<b>1,731</b>	<b>1,731</b>	<b>-</b>	<b>728</b>	<b>1,003</b>
1. Alor Gajah	260	260	-	239	21
2. Jasin	400	400	-	246	154
3. Melaka Tengah	1,071	1,071	-	243	828
<b>N. SEMBILAN</b>	<b>877</b>	<b>877</b>	<b>-</b>	<b>877</b>	<b>-</b>
1. Jelebu	1	1	-	1	-
2. Jempol	267	267	-	267	-
3. Kuala Pilah	600	600	-	600	-
4. Rembau	9	9	-	9	-
<b>PAHANG</b>	<b>8,720</b>	<b>6,493</b>	<b>6,050</b>	<b>196</b>	<b>247</b>
1. Bera	55	55	-	55	-
2. Jerantut	-	28	-	28	-
3. Kuantan	85	85	-	85	-
4. Maran	48	28	-	28	0
5. Pekan	5,903	3,620	3,620 *	-	-
6. Rompin	2,622	2,670	2,430 **	-	240
7. Temerloh	7	7	-	-	7
<b>PERAK</b>	<b>37,592</b>	<b>37,624</b>	<b>31,645</b>	<b>5,905</b>	<b>0</b>
1. Hilir Perak	6,786	6,786	4,912 ***	1,874	-
2. Kerian	18,497	18,497	18,497 ****	-	-
3. Kuala Kangsar	416	416	-	414	-
4. Larut Matang & Selama	465	465	-	465	-
5. Perak Tengah	11,396	11,428	8,236 ***	3,120	-
6. Hulu Perak	32	32	-	32	-

\*IADA Pekan

\*\*IADA Rompin

\*\*\* IADA Seberang Perak

\*\*\*\* IADA Kerian

JADUAL B10: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021 (SAMB.)

Table B10: Paddy planted area and paddy harvested area by state, district and area type, Malaysia, Main Season 2020/2021 (cont'd.)

NEGERI/DAERAH State/District	KELUASAN BERTANAM PADI (HEKTAR) Paddy planted area (hectare)	KELUASAN TUAIAN (HEKTAR) Harvested area (hectare)			
		KESELURUHAN Overall	JELAPANG PADI Granary Area	LUAR JELAPANG PADI Outside Granary Area	
				SKIM PENGAIRAN Irrigation scheme	LUAR SKIM PENGAIRAN Outside irrigation scheme
(1)	(2)	(3)	(4)	(5)	(6)
<b>PERLIS</b>	<b>30,239</b>	<b>30,239</b>	<b>20,073</b>	<b>5,420</b>	<b>4,746</b>
1. MADA Wilayah I	20,073	20,073	20,073	-	-
2. Perlis (L/MADA)	10,166	10,166	-	5,420	4,746
<b>PULAU PINANG</b>	<b>12,768</b>	<b>12,105</b>	<b>12,105</b>	<b>-</b>	<b>-</b>
1. Barat Daya	296	296	296	-	-
2. Seb. Prai Selatan	1,365	1,267	1,267	-	-
3. Seb. Prai Tengah	2,592	2,398	2,398	-	-
4. Seb. Prai Utara	8,515	8,144	8,144	-	-
<b>SELANGOR</b>	<b>17,960</b>	<b>17,960</b>	<b>17,960</b>	<b>-</b>	<b>-</b>
1. Kuala Selangor	5,432	5,432	5,432	-	-
2. Sabak Bernam	12,528	12,528	12,528	-	-
<b>TERENGGANU</b>	<b>10,503</b>	<b>10,503</b>	<b>4,876</b>	<b>5,024</b>	<b>603</b>
1. Besut	7,095	7,095	4,876 *	2,111	108
2. Dungun	33	33	-	33	-
3. Hulu Terengganu	193	193	-	193	-
4. Kemaman	58	58	-	58	-
5. Kuala Terengganu	589	589	-	370	219
6. Kuala Nerus	578	578	-	542	36
7. Marang	509	509	-	289	220
8. Setiu	1,448	1,448	-	1,428	20
<b>SEM. MALAYSIA Pen. Malaysia</b>	<b>269,790</b>	<b>266,932</b>	<b>204,104</b>	<b>34,737</b>	<b>28,017</b>

\* KETARA

JADUAL B10: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021 (SAMB.)

Table B10: Paddy planted area and paddy harvested area by state, district and area type, Malaysia, Main Season 2020/2021 (cont'd.)

NEGERI/DAERAH State/District	KELUASAN BERTANAM PADI (HEKTAR) Paddy planted area (hectare)	KELUASAN TUAIAN (HEKTAR) Harvested area (hectare)			
		KESELURUHAN Overall	JELAPANG PADI Granary Area	LUAR JELAPANG PADI Outside Granary Area	
				SKIM PENGAIRAN Irrigation scheme	LUAR SKIM PENGAIRAN Outside irrigation scheme
(1)	(2)	(3)	(4)	(5)	(6)
<b>SABAH</b>	<b>15,631</b>	<b>15,631</b>	<b>3,637</b>	-	-
1. Beaufort	126	126	-	-	-
2. Keningau	2,341	2,341	-	-	-
3. Kota Belud	3,637	3,637	3,637 *	-	-
4. Kota Kinabalu	22	22	-	-	-
5. Kota Marudu	1,837	1,837	-	-	-
6. Kuala Penyu	31	31	-	-	-
7. Kudat	82	82	-	-	-
8. Papar	484	484	-	-	-
9. Penampang	15	15	-	-	-
10. Pitas	1,482	1,482	-	-	-
11. Ranau	864	864	-	-	-
12. Sipitang	554	554	-	-	-
13. Tambunan	1,482	1,482	-	-	-
14. Tenom	435	435	-	-	-
15. Tuaran	425	425	-	-	-
16. Beluran	456	456	-	-	-
17. Sook	489	489	-	-	-
18. Nabawan	660	660	-	-	-
19. Tawau	21	21	-	-	-
20. Lain-lain Daerah	188	188	-	-	-
<b>SARAWAK</b>	<b>44,805</b>	<b>44,805</b>	<b>1,121</b>	-	-
1. Kuching	584	584	-	-	-
2. Bau	592	592	-	-	-
3. Lundu	412	412	-	-	-
4. Sri Aman	5,038	5,038	1,121 **	-	-
5. Lubok Antu	713	713	-	-	-
6. Pantu	2,275	2,275	-	-	-
7. Sibü	632	632	-	-	-
8. Kanowit	2,282	2,282	-	-	-
9. Selangau	1,331	1,331	-	-	-
10. Miri	179	179	-	-	-
11. Marudi	912	912	-	-	-
12. Subis	3,479	3,479	-	-	-
13. Beluru	752	752	-	-	-
14. Telang Usang	891	891	-	-	-
15. Limbang	2,958	2,958	-	-	-
16. Lawas	1,596	1,596	-	-	-
17. Sarikei	1,409	1,409	-	-	-
18. Meradong	3,038	3,038	-	-	-
19. Julau	144	144	-	-	-
20. Pakan	102	102	-	-	-
21. Kapit	433	433	-	-	-
22. Song	316	316	-	-	-
23. Belaga	158	158	-	-	-
24. Bukit Mabong	195	195	-	-	-
25. Samarahan	248	248	-	-	-
26. Simunjan	1,239	1,239	-	-	-
27. Asajaya	620	620	-	-	-
28. Bintulu	19	19	-	-	-
29. Tatau	381	381	-	-	-
30. Sebauh	84	84	-	-	-
31. Mukah	226	226	-	-	-
32. Dalat	539	539	-	-	-
33. Daro	1,184	1,184	-	-	-
34. Matu	439	439	-	-	-
35. Tanjung Manis	206	206	-	-	-
36. Betong	415	415	-	-	-
37. Saratok	556	556	-	-	-
38. Pusa	43	43	-	-	-
39. Kabong	2,167	2,167	-	-	-
40. Serian	4,398	4,398	-	-	-
41. Tebedu	696	696	-	-	-
42. Siburan	924	924	-	-	-
<b>MALAYSIA</b>	<b>330,226</b>	<b>327,368</b>	<b>208,862</b>	<b>34,737 ***</b>	<b>28,017 ***</b>

\* IADA Kota Belud

\*\* IADA Batang Lupar

Catatan: \*\*\* Merujuk kepada Semenanjung Malaysia sahaja

Notes: Refers to Peninsular Malaysia only

**JADUAL B11: KELUASAN BERTANAM DAN PURATA HASIL PADI BASAH,  
KERING DAN BERSIH DAN RALAT PIAWAI RELATIF MENGIKUT NEGERI,  
MALAYSIA, MUSIM UTAMA 2020/2021**

*Table B11: Planted area and average yield of wet,  
dried and cleaned paddy and Relative Standard Error by state,  
Malaysia, Main Season 2020/2021*

NEGERI State	KELUASAN BERTANAM (HEKTAR) <i>Planted Area (hectare)</i>  <i>(hectare)</i>	PURATA HASIL PADI <i>Average yield of paddy</i>			RALAT PIAWAI RELATIF <i>Relative Standard Error Standard Error (%)</i>
		BASAH (KG/HA) <i>Wet (kg/ha) Wet (kg/ha)</i>	KERING (KG/HA) <i>Dried (kg/ha) Dried (kg/ha)</i>	BERSIH (KG/HA) <i>Cleaned (kg/ha) Cleaned (kg/ha)</i>	
(1)	(2)	(3)	(4)	(5)	(6)
JOHOR	1,475	4,021	3,587	3,245	5.8
KEDAH	107,592	5,441	4,830	4,239	0.7
KELANTAN	40,333	5,494	4,884	4,523	0.7
MELAKA	1,731	4,029	3,550	2,888	1.1
N.SEMBILAN	877	4,131	3,462	3,119	3.0
PAHANG	8,720	4,728	4,258	3,939	7.7
PERAK	37,592	4,930	4,152	3,370	1.7
PERLIS	30,239	4,798	4,266	3,772	0.0
P.PINANG	12,105	6,981	6,060	5,716	1.4
SELANGOR	17,960	6,109	5,113	4,790	2.0
TERENGGANU	10,503	4,955	4,191	3,518	1.2
SEM. MALAYSIA <i>Pen. Malaysia</i>	269,127	5,356	4,691	4,155	1.6
SABAH	15,631	4,100	3,793	3,362	1.3
SARAWAK	44,805	2,795	2,756	2,679	2.3
MALAYSIA	329,563	4,948	4,386	4,288	2.5

**JADUAL B12: KELUASAN BERTANAM DAN PURATA HASIL PADI BASAH, KERING DAN BERSIH DAN  
RALAT PIAWAI RELATIF MENGIKUT KAWASAN JELAPANG PADI DAN  
DAERAH, MALAYSIA, MUSIM UTAMA 2020/2021**

*Table B12: Planted area and average yield of wet, dried and cleaned paddy and  
Relative Standard Error by granary area and  
district, Malaysia, Main Season 2020/2021*

JELAPANG PADI/DAERAH <i>Granary Area/District</i>	KELUASAN BERTANAM (HEKTAR) <i>Planted Area (hectare)</i>	PURATA HASIL PADI <i>Average yield of paddy</i>			RALAT PIAWAI RELATIF <i>Relative Standard Error (%)</i>
		BASAH (KG/HA) <i>Wet (kg/ha)</i>	KERING (KG/HA) <i>Dried (kg/ha)</i>	BERSIH (KG/HA) <i>Cleaned (kg/ha)</i>	
(1)	(2)	(3)	(4)	(5)	(6)
<b>1. MADA</b>	<b>100,671</b>	<b>5,033</b>	<b>4,510</b>	<b>3,921</b>	<b>0.8</b>
a. Wilayah I	20,073	5,252	4,559	4,039	1.0
b. Wilayah II	32,590	5,304	4,805	4,153	1.5
c. Wilayah III	22,672	4,201	3,806	3,289	2.1
d. Wilayah IV	25,336	5,256	4,761	4,115	1.4
<b>2. KADA</b>	<b>26,300</b>	<b>6,106</b>	<b>5,424</b>	<b>5,141</b>	<b>0.8</b>
a. Bachok	5,194	5,836	5,184	4,913	1.1
b. Kota Bharu Utara	2,864	5,650	5,019	4,757	0.6
c. Kota Bharu Selatan	4,139	5,968	5,301	5,025	2.6
d. Pasir Mas	5,387	6,072	5,394	5,112	2.2
e. Pasir Puteh	4,556	6,515	5,787	5,486	1.3
f. Tumpat	4,160	6,493	5,767	5,467	2.9
<b>3. IADA KERIAN</b>	<b>18,497</b>	<b>5,147</b>	<b>4,381</b>	<b>3,893</b>	<b>0.8</b>
a. Kerian	18,497	5,147	4,381	3,893	0.8
<b>4. IADA BARAT LAUT SELANGO</b>	<b>17,960</b>	<b>6,109</b>	<b>5,113</b>	<b>4,790</b>	<b>2.0</b>
a. Kuala Selangor	5,432	6,078	5,088	4,766	4.4
b. Sabak Bernam	12,528	6,122	5,124	4,800	2.1
<b>5. IADA P. PINANG</b>	<b>12,105</b>	<b>6,981</b>	<b>6,060</b>	<b>5,716</b>	<b>1.4</b>
a. Barat Daya	296	6,400	5,555	5,240	0.0
b. Seberang Prai Selatan	1,267	5,390	4,679	4,413	2.8
c. Seberang Prai Tengah	2,398	8,053	6,990	6,593	3.5
d. Seberang Prai Utara	8,144	6,934	6,019	5,677	1.7
<b>6. IADA SEBERANG PERAK</b>	<b>13,148</b>	<b>4,327</b>	<b>3,577</b>	<b>2,644</b>	<b>2.1</b>
a. Perak Tengah					
Blok Awam	4,241	5,059	4,182	3,091	3.1
Blok FELCRA	3,995	4,805	3,973	2,936	4.8
b. Hilir Perak	4,912	3,306	2,733	2,020	2.6
<b>7. IADA KETARA</b>	<b>4,876</b>	<b>7,019</b>	<b>5,966</b>	<b>5,407</b>	<b>1.2</b>
a. Besut					
Kompitmen 1	1,188	6,939	5,898	5,346	3.1
Kompitmen 2	1,063	6,858	5,830	5,284	2.3
Kompitmen 3	1,240	7,083	6,021	5,457	2.0
Kompitmen 4	1,385	7,152	6,079	5,509	2.2
<b>8. IADA KEMASIN SEMERAK</b>	<b>4,497</b>	<b>4,630</b>	<b>3,903</b>	<b>3,765</b>	<b>1.5</b>
a. Bachok	965	4,677	3,942	3,803	2.1
b. Pasir Puteh	3,532	4,618	3,892	3,754	1.8
<b>9. IADA PEKAN</b>	<b>5,655</b>	<b>4,382</b>	<b>3,834</b>	<b>3,482</b>	<b>2.3</b>
a. Pekan	5,655	4,382	3,834	3,482	2.3
<b>10. IADA ROMPIN</b>	<b>2,480</b>	<b>5,685</b>	<b>5,288</b>	<b>5,133</b>	<b>1.8</b>
a. Rompin	2,480	5,685	5,288	5,133	1.8
<b>SEM. MALAYSIA JUMLAH</b>	<b>182,816</b>	<b>6,058</b>	<b>5,313</b>	<b>4,746</b>	<b>1.1</b>
<b>11. IADA KOTA BELUD</b>	<b>3,637</b>	<b>3,985</b>	<b>3,734</b>	<b>3,276</b>	<b>1.0</b>
a. Kota Belud	3,637	3,985	3,734	3,276	1.0
<b>12. IADA BATANG LUPAR</b>	<b>1,121</b>	<b>3,658</b>	<b>3,289</b>	<b>2,861</b>	<b>3.2</b>
a. Batang Lupar	1,121	3,658	3,289	2,861	3.2
<b>JUMLAH Total</b>	<b>210,947</b>	<b>5,338</b>	<b>4,687</b>	<b>4,185</b>	<b>1.2</b>

**JADUAL B13: KELUASAN BERTANAM DAN PURATA HASIL PADI BASAH, KERING DAN BERSIH  
DAN RALAT PIAWAI RELATIF MENGIKUT RANCANGAN PENGAIRAN DAN  
DAERAH DALAM KAWASAN PENTADBIRAN KADA, MUSIM UTAMA 2020/2021**

*Table B13: Planted area and average yield of wet, dried and cleaned  
paddy and Relative Standard Error by irrigation scheme and  
district in KADA administrative area, Main Season 2020/2021*

RANCANGAN PENGAIRAN/ JAJAHAN <i>Irrigation Scheme/ District</i>	KELUASAN BERTANAM (HEKTAR) <i>Planted Area (hectare)</i>	PURATA HASIL PADI <i>Average yield of paddy</i>			RALAT PIAWAI RELATIF <i>Relative Standard Error (%)</i>
		BASAH (KG/HA) <i>Wet (kg/ha)</i>	KERING (KG/HA) <i>Dried (kg/ha)</i>	BERSIH (KG/HA) <i>Cleaned (kg/ha)</i>	
(1)	(2)	(3)	(4)	(5)	(6)
KOTA BHARU UTARA	2,864	5,650	5,019	4,757	0.6
KOTA BHARU SELATAN	4,139	5,968	5,301	5,025	2.6
BACHOK	5,194	5,836	5,184	4,913	1.1
PASIR PUTEH	4,556	6,515	5,787	5,486	1.3
PASIR MAS	5,387	6,072	5,394	5,112	2.2
TUMPAT	4,160	6,493	5,767	5,467	2.9
<b>JUMLAH RANCANGAN PENGAIRAN KADA <i>Total irrigation schemes in KADA</i></b>	<b>26,300</b>	<b>6,106</b>	<b>5,424</b>	<b>5,141</b>	<b>0.8</b>

**JADUAL B14: KLASIFIKASI PURATA HASIL PADI BERSIH (SEHEKTAR)  
MENGIKUT NEGERI, MALAYSIA, MUSIM UTAMA 2020/2021**  
*Table B14: Classification of average yield of cleaned paddy (per hectare)  
by state, Malaysia, Main Season 2020/2021*

NEGERI State	BILANGAN SAMPEL DIANALISIS Number of samples analysed (2)	≤ 1.9 TAN METRIK ≤ 1.9 Metric Tonnes		2.0 - 3.9 TAN METRIK 2.0 - 3.9 Metric Tonnes		4.0 - 5.9 TAN METRIK 4.0 - 5.9 Metric Tonnes		6.0 - 7.9 TAN METRIK 6.0 - 7.9 Metric Tonnes		≥ 8.0 TAN METRIK ≥ 8.0 Metric Tonnes	
		BILANGAN SAMPEL Number of samples (3)	% (4)	BILANGAN SAMPEL Number of samples (5)	% (6)	BILANGAN SAMPEL Number of samples (7)	% (8)	BILANGAN SAMPEL Number of samples (9)	% (10)	BILANGAN SAMPEL Number of samples (11)	% (12)
JOHOR	27	1	3.7	19	70.4	7	25.9	-	-	-	-
KEDAH	708	63	8.9	325	45.9	308	43.5	10	1.4	2	0.3
KELANTAN	469	-	-	155	33.0	292	62.3	22	4.7	-	-
MELAKA	38	2	5.3	36	94.7	-	-	-	-	-	-
N.SEMBILAN	30	-	-	27	90.0	3	10.0	-	-	-	-
PAHANG	130	17	13.1	63	48.5	48	36.9	2	1.5	-	-
PERAK	310	14	4.5	227	73.2	67	21.6	2	0.6	-	-
PERLIS	194	14	7.2	27	13.9	148	76.3	5	2.6	-	-
P. PINANG	92	-	-	4	4.3	57	62.0	25	27.2	6	6.5
SELANGOR	108	3	2.8	22	20.4	59	54.6	24	22.2	-	-
TERENGGANU	145	10	6.9	70	48.3	64	44.1	1	0.7	-	-
SEM. MALAYSIA <i>Pen. Malaysia</i>	2,251	124	5.5	975	43.3	1,053	46.8	91	4.0	8	0.4
SABAH	294	-	-	171	58.2	110	37.4	12	4.1	1	0.3
SARAWAK	459	139	30.3	266	58.0	49	10.7	1	0.2	4	0.9
MALAYSIA	3,004	263	8.8	1,412	47.0	1,212	40.3	104	3.5	13	0.4

JADUAL B15: KLASIFIKASI PURATA HASIL PADI BERSIH (SEHEKTAR)  
 MENGIKUT KAWASAN JELAPANG PADI, MALAYSIA, MUSIM UTAMA 2020/2021  
 Table B15: Classification of average yield of cleaned paddy (per hectare)  
 by granary area, Malaysia, Main Season 2020/2021

JELAPANG PADI Granary Area	BILANGAN SAMPEL DIANALISIS Number of samples analysed (2)	≤ 1.9 TAN METRIK ≤ 1.9 Metric Tonnes		2.0 - 3.9 TAN METRIK 2.0 - 3.9 Metric Tonnes		4.0 - 5.9 TAN METRIK 4.0 - 5.9 Metric Tonnes		6.0 - 7.9 TAN METRIK 6.0 - 7.9 Metric Tonnes		≥ 8.0 TAN METRIK ≥ 8.0 Metric Tonnes	
		BILANGAN SAMPEL Number of samples (3)	% (4)	BILANGAN SAMPEL Number of samples (5)	% (6)	BILANGAN SAMPEL Number of samples (7)	% (8)	BILANGAN SAMPEL Number of samples (9)	% (10)	BILANGAN SAMPEL Number of samples (11)	% (12)
MADA	675	1	0.1	40	5.9	620	91.9	12	1.8	2	0.3
KADA	271	-	-	7	2.6	236	87.1	28	10.3	-	-
IADA KERIAN	156	-	-	108	69.2	48	30.8	-	-	-	-
IADA BLS	108	3	2.8	22	20.4	59	54.6	24	22.2	-	-
IADA P. PINANG	92	-	-	4	4.3	57	62.0	25	27.2	6	6.5
IADA SEB. PERAK	97	29	29.9	68	70.1	-	-	-	-	-	-
IADA KETARA	61	-	-	-	-	51	83.6	10	16.4	-	-
IADA KEM. SEMERAK	51	-	-	29	56.9	22	43.1	-	-	-	-
IADA PEKAN	54	8	14.8	35	64.8	11	20.4	-	-	-	-
IADA ROMPIN	35	-	-	2	5.7	28	80.0	5	14.3	-	-
IADA KOTA BELUD	68	-	-	47	69.1	20	29.4	1	1.5	-	-
IADA BATANG LUPAR	37	4	10.8	33	89.2	-	-	-	-	-	-
<b>JUMLAH Total</b>	<b>1,705</b>	<b>45</b>	<b>2.6</b>	<b>395</b>	<b>23.2</b>	<b>1,152</b>	<b>67.6</b>	<b>105</b>	<b>6.2</b>	<b>8</b>	<b>0.5</b>

**JADUAL B16: KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI MENGIKUT NEGERI, MALAYSIA, MUSIM UTAMA 2020/2021**  
*Table B16: Planted area, average yield of cleaned paddy  
and production of paddy by state, Malaysia, Main Season 2020/2021*

<b>NEGERI</b> <i>State</i>	<b>KELUASAN BERTANAM</b> <b>(HEKTAR)</b> <i>Planted area</i> <i>(Hectare)</i>	<b>PURATA HASIL PADI BERSIH</b> <b>(KG/HA)</b> <i>Average yield of cleaned paddy</i> <i>(kg/ha)</i>	<b>PENGELUARAN</b> <b>(TAN METRIK)</b> <i>Production</i> <i>(Metric Tonne)</i>
(1)	(2)	(3)	(4)
JOHOR	1,475	3,245	4,786
KEDAH	107,592	4,239	456,082
KELANTAN	40,333	4,523	182,426
MELAKA	1,731	2,888	4,999
N.SEMBILAN	877	3,119	2,735
PAHANG	8,720	3,939	34,348
PERAK	37,592	3,370	126,685
PERLIS	30,239	3,772	114,062
P.PINANG	12,105	5,716	69,192
SELANGOR	17,960	4,790	86,028
TERENGGANU	10,503	3,518	36,950
<b>SEM. MALAYSIA</b> <i>Pen. Malaysia</i>	<b>269,127</b>	<b>4,155</b>	<b>1,118,293</b>
SABAH	15,631	3,362	52,140
SARAWAK	44,805	2,679	120,044
<b>MALAYSIA</b>	<b>329,563</b>	<b>3,916</b>	<b>1,290,477</b>

**JADUAL B17: KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI MENGIKUT KAWASAN JELAPANG PADI,  
MALAYSIA, MUSIM UTAMA 2020/2021**

*Table B17: Planted area, average yield of cleaned paddy  
and production of paddy by granary area,  
Malaysia, Main Season 2020/2021*

<b>JELAPANG PADI</b> <i>Granary area</i>	<b>KELUASAN BERTANAM</b> <b>(HEKTAR)</b> <i>Planted area</i> <i>(Hectare)</i>	<b>PURATA HASIL PADI BERSIH</b> <b>(KG/HA)</b> <i>Average yield of cleaned paddy</i> <i>(kg/ha)</i>	<b>PENGELUARAN</b> <b>(TAN METRIK)</b> <i>Production</i> <i>(Metric Tonne)</i>
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>
MADA	100,671	3,921	394,731
KADA	26,300	5,141	135,208
IADA KERIAN	18,497	3,893	72,009
IADA BLS	17,960	4,790	86,028
IADA P. PINANG	12,105	5,716	69,192
IADA SEB PERAK	13,148	2,644	34,763
IADA KETARA	4,876	5,407	26,365
IADA KEM SEMERAK	4,497	3,765	16,931
IADA PEKAN	5,655	3,482	19,691
IADA ROMPIN	2,480	5,133	12,730
IADA KOTA BELUD	3,637	3,276	11,915
IADA BATANG LUPAR	1,121	2,861	3,207
<b>JUMLAH</b> <i>Total</i>	<b>210,947</b>	<b>4,185</b>	<b>882,770</b>

**JADUAL B18: KELUASAN BERTANAM, PURATA HASIL PADI BERSIH, PENGELUARAN PADI DAN BERAS (LUAR JELAPANG) MENGIKUT NEGERI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2020/2021**  
**Table B18: Planted area, average yield of cleaned paddy, production of Paddy and Rice (Outside Granary Area) by state, Peninsular Malaysia, Main Season 2020/2021**

NEGERI State	MUSIM UTAMA 2020/2021 Main Season 2020/2021						SKIM PENGAIRAN Irrigation Scheme						LUAR SKIM Outside Irrigation Scheme						
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)		PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)		PENGELUARAN (TAN METRIK) PADI Paddy Production (Metric Tonne)		KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)		PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)		PENGELUARAN (TAN METRIK) PADI Paddy Production (Metric Tonne)		KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)		PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)		PENGELUARAN (TAN METRIK) PADI Paddy Production (Metric Tonne)		
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
JOHOR	1,475	3,245	4,786	3,350	1,402	3,238	4,540	3,178	73	3,376	246	172							
KEDAH	26,994	4,437	119,772	83,840	10,791	3,427	36,981	25,887	16,203	2,751	44,574	31,202							
KELANTAN	9,536	3,466	33,052	23,136	4,394	3,791	16,658	11,661	5,142	3,189	16,398	11,479							
MELAKA	1,731	2,888	4,999	3,499	728	3,068	2,234	1,564	1,003	2,757	2,765	1,936							
N.SEMBILAN	877	3,119	2,735	1,915	877	3,119	2,735	1,915	-	-	-	-							
PAHANG	585	3,613	2,114	1,480	168	2,550	428	300	417	3,662	1,527	1,069							
PERAK	5,947	3,818	22,706	15,894	5,947	3,818	22,706	15,894	-	-	-	-							
PERLIS	10,166	3,071	31,220	21,854	5,420	2,852	15,458	10,821	4,746	3,310	15,709	10,996							
P. PINANG	-	-	-	-	-	-	-	-	-	-	-	-							
SELANGOR	-	-	-	-	-	-	-	-	-	-	-	-							
TERENGGANU	5,627	2,248	12,649	8,854	5,024	2,285	11,480	8,036	603	1,937	1,168	818							
SEM. MALAYSIA <i>Pen. Malaysia</i>	62,938	3,718	234,033	163,822	34,761	3,258	113,220	79,256	28,187	2,923	82,387	57,672							

**JADUAL B19: KELUASAN PASEL PADI, KELUASAN BERTANAM DAN FAKTOR KEPADATAN PENANAMAN  
MENGIKUT NEGERI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2020/2021  
Table B19: Hectarage of Paddy Parcel, Planted Area And Cropping Intensity Factor  
By State, Peninsular Malaysia, Main Season 2020/2021**

NEGERI State	MUSIM UTAMA 2020/2021 Main Season 2020/2021			SKIM PENGAIRAN Irrigation Scheme			LUAR SKIM Outside Irrigation Scheme		
	FAKTOR KEPADATAN PENANAMAN Cropping Intensity Factor (2)	KELUASAN PASEL Parcel Area (ha) (3)	KELUASAN BERTANAM Planted Area (ha) (4)	KELUASAN PASEL Parcel Area (ha) (5)	KELUASAN BERTANAM Planted Area (ha) (6)	% BERTANAM Planted (7)	KELUASAN PASEL Parcel Area (ha) (8)	KELUASAN BERTANAM Planted Area (ha) (9)	% BERTANAM Planted (10)
JOHOR	0.90	1,631	1,475	1,536	1,402	91.3	95	73	76.8
KEDAH	0.98	109,817	107,592	92,239	91,389	99.1	17,578	16,203	92.2
KELANTAN	0.90	45,005	40,333	38,736	35,191	90.8	6,269	5,142	82.0
MELAKA	0.94	1,837	1,731	762	728	95.5	1,075	1,003	93.3
N. SEMBILAN	0.42	2,065	877	2,065	877	42.5	-	-	-
PAHANG	0.86	10,165	8,720	9,545	8,303	87.0	620	417	67.3
PERAK	0.93	40,531	37,592	40,446	37,592	92.9	85	0	0.0
PERLIS	1.00	30,239	30,239	25,493	25,493	100.0	4,746	4,746	100.0
P. PINANG	1.00	12,105	12,105	12,105	12,105	100.0	-	-	-
SELANGOR	0.96	18,784	17,960	18,784	17,960	95.6	-	-	-
TERENGGANU	0.91	11,551	10,503	10,591	9,900	93.5	960	603	62.8
SEM. MALAYSIA Pen. Malaysia	0.95	283,730	269,127	252,302	240,940	95.5	31,428	28,187	89.7

**JADUAL B20: KELUASAN PASEL PADI, KELUASAN BERTANAM DAN FAKTOR KEPADATAN PENANAMAN**

(LUAR JELAPANG) MENGIKUT NEGERI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2020/2021

**Table B20: Hectareage of Paddy Parcel, Planted Area And Cropping Intensity Factor (Outside Granary Area) By State, Peninsular Malaysia, Main Season 2020/2021**

NEGERI State	MUSIM UTAMA 2020/2021 Main Season 2020/2021				SKIM PENGAIRAN Irrigation Scheme			LUAR SKIM Outside irrigation Scheme		
	FAKTOR KEPADATAN PENANAMAN Cropping Intensity Factor (2)	KELUASAN PASEL Parcel Area (ha) (3)	KELUASAN BERTANAM Planted Area (ha) (4)	KELUASAN PASEL Parcel Area (ha) (5)	KELUASAN BERTANAM Planted Area (ha) (6)	% BERTANAM Planted (7)	KELUASAN PASEL Parcel Area (ha) (8)	KELUASAN BERTANAM Planted Area (ha) (9)	% BERTANAM Planted (10)	
JOHOR	0.90	1,631	1,475	1,536	1,402	91.3	95	73	76.8	
KEDAH	0.92	29,205	26,994	11,627	10,791	92.8	17,578	16,203	92.2	
KELANTAN	0.73	13,121	9,536	6,852	4,394	64.1	6,269	5,142	82.0	
MELAKA	0.94	1,837	1,731	762	728	95.5	1,075	1,003	93.3	
N. SEMBILAN	0.42	2,065	877	2,065	877	42.5	-	-	-	
PAHANG	0.56	1,046	585	426	168	39.4	620	417	67.3	
PERAK	0.75	7,894	5,947	7,809	5,947	76.2	85	0	0.0	
PERLIS	1.00	10,166	10,166	5,420	5,420	100.0	4,746	4,746	100.0	
P. PINANG	-	-	-	-	-	-	-	-	-	
SELANGOR	-	-	-	-	-	-	-	-	-	
TERENGGANU	0.84	6,675	5,627	5,715	5,024	87.9	960	603	62.8	
<b>SEM. MALAYSIA Pen. Malaysia</b>	<b>0.85</b>	<b>73,640</b>	<b>62,938</b>	<b>42,212</b>	<b>34,751</b>	<b>82.3</b>	<b>31,428</b>	<b>28,187</b>	<b>89.7</b>	

**JADUAL C1: PENGGUNAAN VARIETI PADI MENGIKUT NEGERI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2020/2021**  
**Table C1: Usage of paddy varieties by state, Peninsular Malaysia, Main Season 2020/2021**

NEGERI State	BILANGAN SAMPEL DIANALISIS Number of samples analysed	VARIETI PADI Paddy variety													
		MR 219		MR 220		NMR 152		MR 220 CL2		MR 263		UKMRC-2		MRQ 76	
		BILANGAN Number (3)	% (4)	BILANGAN Number (5)	% (6)	BILANGAN Number (7)	% (8)	BILANGAN Number (9)	% (10)	BILANGAN Number (11)	% (12)	BILANGAN Number (13)	% (14)	BILANGAN Number (15)	% (16)
JOHOR	27	3	11.1	-	-	-	-	-	-	-	-	-	3	11.1	
KEDAH	708	66	9.3	4	0.6	-	-	247	34.9	6	0.8	16	2.3	-	
KELANTAN	469	113	24.1	-	-	-	-	69	14.7	28	6.0	14	3.0	1	
MELAKA	38	-	-	2	5.3	-	-	-	-	-	-	-	-	-	
N. SEMBILAN	30	3	10.0	-	-	-	-	3	10.0	3	10.0	-	-	-	
PAHANG	130	3	2.3	-	-	2	1.5	25	19.2	3	2.3	-	-	-	
PERAK	310	141	45.5	5	1.6	2	0.6	53	17.1	4	1.3	-	-	-	
PERLIS	194	21	10.8	17	8.8	-	-	14	7.2	1	0.5	6	3.1	-	
P. PINANG	92	12	13.0	-	-	-	-	6	6.5	-	-	1	1.1	-	
SELANGOR	108	34	31.5	2	1.9	-	-	19	17.6	3	2.8	-	-	-	
TERENGGANU	145	78	53.8	-	-	-	-	4	2.8	-	-	1	0.7	-	
SEM. MALAYSIA <i>Pen. Malaysia</i>	2,251	474	21.1	30	1.3	4	0.2	440	19.5	48	2.1	38	1.7	4	

JADUAL C1: PENGGUNAAN VARIETI PADI MENGIKUT NEGERI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2020/2021 (SAMB.)  
 Table C1: Usage of paddy varieties by state, Peninsular Malaysia, Main Season 2020/2021 (cont'd.)

NEGERI State	BILANGAN SAMPEL DIANALISIS Number of samples analysed (2)	VARIETI PADI Paddy variety													
		MR 269		LAIN-LAIN		MR 297		UKMRC-8		SEBERNAS 307		SEMPADAN 303		HYBRID	
		BILANGAN Number (15)	% (16)	BILANGAN Number (21)	% (22)	BILANGAN Number (23)	% (24)	BILANGAN Number (25)	% (26)	BILANGAN Number (17)	% (18)	BILANGAN Number (19)	% (20)	BILANGAN Number (21)	% (22)
JOHOR	27	14	51.9	-	-	4	14.8	1	3.7	-	-	2	7.4	-	-
KEDAH	708	7	1.0	3	0.4	327	46.2	7	1.0	4	0.6	14	2.0	7	1.0
KELANTAN	469	38	8.1	-	-	185	39.4	-	-	6	1.3	15	3.2	-	-
MELAKA	38	11	28.9	-	-	25	65.8	-	-	-	-	-	-	-	-
N. SEMBILAN	30	21	70.0	-	-	-	-	-	-	-	-	-	-	-	-
PAHANG	130	68	52.3	-	-	25	19.2	-	-	4	3.1	-	-	-	-
PERAK	310	7	2.3	-	-	94	30.3	3	1.0	1	0.3	-	-	-	-
PERLIS	194	5	2.6	5	2.6	94	48.5	3	1.5	1	0.5	10	5.2	-	-
PULAU PINANG	92	-	-	-	-	73	79.3	-	-	-	-	-	-	-	-
SELANGOR	108	24	22.2	-	-	14	13.0	-	-	-	-	-	-	12	11.1
TERENGGANU	145	23	15.9	-	-	25	17.2	1	0.7	10	6.9	3	2.1	-	-
SEM. MALAYSIA Pen. Malaysia	2,251	218	9.7	8	0.4	866	38.5	15	0.7	26	1.2	44	2.0	19	0.8

JADUAL C2: PENGGUNAAN VARIETI PADI MENGIKUT KAWASAN JELAPANG PADI, MALAYSIA, MUSIM UTAMA 2020/2021  
 Table C2: Usage of paddy varieties by granary area, Malaysia, Main Season 2020/2021

JELAPANG PADI Granary area	BILANGAN SAMPel DIANALISIS Number of samples analysed	VARIETI PADI Paddy variety													
		MR 219		MR 220		HYBRID		MR 220 CL2		MR 263		SEMPADAN 303		SEBERNAS 307	
		BILANGAN Number	%	BILANGAN Number	%	BILANGAN Number	%	BILANGAN Number	%	BILANGAN Number	%	BILANGAN Number	%	BILANGAN Number	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
MADA	675	29	4.3	1	0.1	-	-	228	33.8	1	0.1	21	3.1	4	0.6
KADA	271	60	22.1	-	-	-	-	21	7.7	28	10.3	15	5.5	-	-
IADA KERIAN	156	80	51.3	5	3.2	-	-	17	10.9	-	-	-	-	1	0.6
IADA BLS	108	34	31.5	2	1.9	12	11.1	19	17.6	3	2.8	-	-	-	-
IADA P. PINANG	92	12	13.0	-	-	-	-	6	6.5	-	-	-	-	-	-
IADA SEB PERAK	97	36	37.1	-	-	-	-	27	27.8	1	1.0	-	-	-	-
IADA KETARA	61	30	49.2	-	-	-	-	4	6.6	-	-	-	-	2	3.3
IADA KEM SEMERAK	51	17	33.3	-	-	-	-	3	5.9	-	-	-	-	-	-
IADA PEKAN	54	-	-	-	-	-	-	6	11.1	-	-	-	-	-	-
IADA ROMPIN	35	3	8.6	-	-	-	-	10	28.6	-	-	-	-	4	11.4
IADA KOTA BELUD	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IADA BATANG LUPAR	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>JUMLAH Total</b>	<b>1,705</b>	<b>301</b>	<b>17.7</b>	<b>8</b>	<b>0.5</b>	<b>12</b>	<b>0.7</b>	<b>341</b>	<b>20.0</b>	<b>33</b>	<b>1.9</b>	<b>36</b>	<b>2.1</b>	<b>11</b>	<b>0.6</b>

JADUAL C2: PENGGUNAAN VARIETI PADI MENGIKUT KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2020/2021 (SAMB.)  
 Table C2: Usage of paddy varieties by granary area, Peninsular Malaysia, Main Season 2020/2021 (cont'd.)

JELAPANG PADI Granary area	BILANGAN SAMPEL DIANALISIS Number of samples analysed	VARIETI PADI Paddy variety													
		MR 269		MR 284		MR 297		UKMRC-8		LAIN-LAIN		NMR 152		UKMRC-2	
		BILANGAN Number (15)	% (16)	BILANGAN Number (17)	% (18)	BILANGAN Number (19)	% (20)	BILANGAN Number (21)	% (22)	BILANGAN Number (23)	% (24)	BILANGAN Number (25)	% (26)	BILANGAN Number (27)	% (28)
MADA	675	4	0.6	1	0.1	372	55.1	5	0.7	-	-	-	-	9	1.3
KADA	271	22	8.1	-	-	119	43.9	-	-	1	0.4	-	-	5	1.8
IADA KERIAN	156	-	-	-	-	50	32.1	1	0.6	-	-	2	1.3	-	-
IADA BLS	108	24	22.2	-	-	14	13.0	-	-	-	-	-	-	-	-
IADA P. PINANG	92	-	-	-	-	73	79.3	-	-	-	-	-	-	1	1.1
IADA SEB PERAK	97	3	3.1	-	-	28	28.9	2	2.1	-	-	-	-	-	-
IADA KETARA	61	7	11.5	-	-	16	26.2	1	1.6	-	-	-	-	1	1.6
IADA KEM SEMERAK	51	16	31.4	-	-	9	17.6	-	-	-	-	-	-	6	11.8
IADA PEKAN	54	35	64.8	-	-	13	24.1	-	-	-	-	-	-	-	-
IADA ROMPIN	35	4	11.4	-	-	12	34.3	-	-	-	-	2	5.7	-	-
IADA KOTA BELUD	68	-	-	-	-	-	-	-	-	68	100.0	-	-	-	-
IADA BATANG LUPAR	37	37	100.0	-	-	-	-	-	-	-	-	-	-	-	-
JUMLAH Total	1,705	152	8.9	1	0.1	706	41.4	9	0.5	69	4.0	4	0.2	22	1.3

**JADUAL C3: PURATA HASIL PADI MENGIKUT VARIETI PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2020/2021**  
**Table C3: Average yield of paddy by paddy variety, Peninsular Malaysia, Main Season 2020/2021**

VARIETI PADI Paddy variety	BILANGAN SAMPEL DIANALISIS Number of samples analysed	PURATA HASIL PADI Average yield of paddy			HASIL TERTINGGI Maximum yield			HASIL TERENDAH Minimum yield		
		BASAH Wet kg/ha (3)	KERING Dried KG/HA kg/ha (4)	BERSIH Cleaned KG/HA kg/ha (5)	BASAH Wet KG/HA kg/ha (6)	KERING Dried KG/HA kg/ha (7)	BERSIH Cleaned KG/HA kg/ha (8)	BASAH Wet KG/HA kg/ha (9)	KERING Dried KG/HA kg/ha (10)	BERSIH Cleaned KG/HA kg/ha (11)
MR 219	474	4,970	4,269	3,648	9,465	8,130	6,947	600	515	440
MR 220	30	4,721	4,268	3,914	8,460	7,648	7,013	1,250	1,130	1,036
NMR 152	4	4,774	4,301	3,910	6,080	5,478	4,980	1,015	915	831
MR 220 CL2	440	4,714	4,153	3,691	9,955	8,770	7,795	885	780	693
MR 263	48	5,709	4,910	4,447	8,350	7,181	6,505	2,330	2,004	1,815
UKMRC-2	38	5,055	4,585	4,175	8,850	8,027	7,310	2,665	2,417	2,201
MRQ 76	4	5,863	21,644	5,317	7,250	6,692	6,576	5,200	4,800	4,716
MR 269	218	4,273	3,657	3,251	7,905	6,767	6,016	755	646	575
MR 297	866	5,230	4,597	4,168	11,179	9,826	8,909	1,005	883	801
UKMRC-8	15	4,675	4,254	3,885	6,950	6,325	5,775	2,333	2,123	1,939
SEBERNAS 307	26	4,692	4,054	3,576	8,300	7,171	6,325	1,320	1,140	1,006
SEMPADAN 303	44	5,504	4,766	4,238	9,630	8,339	7,415	1,975	1,710	1,521
HYBRID	19	7,447	6,121	5,741	9,020	7,414	6,954	4,050	3,329	3,123
<b>JUMLAH Total</b>	<b>2,226</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

**Nota/Notes:**

\*Ujian pengeringan tidak dijalankan ke atas sampel varieti tersebut/Driage test was not done on the variety sample

**JADUAL C4: KLASIFIKASI PURATA HASIL PADI BERSIH (SEHEKTAR) MENGIKUT VARIETI PADI,  
SEMENANJUNG MALAYSIA, MUSIM UTAMA 2020/2021**

*Table C4: Classification of average yield of cleaned paddy (per hectare) by paddy variety, Peninsular Malaysia, Main Season 2020/2021*

VARIETI PADI Paddy variety	BILANGAN SAMPEL DIANALISIS Number of samples analysed	≤ 1.9 TAN ≤ 1.9 tonne		2.0 - 3.9 TAN 2.0 - 3.9 tonnes		4.0 - 5.9 TAN 4.0 - 5.9 tonnes		6.0 - 7.9 TAN 6.0 - 7.9 tonnes		≥ 8.0 TAN ≥ 8.0 tonnes	
		BILANGAN Number	%	BILANGAN Number	%	BILANGAN Number	%	BILANGAN Number	%	BILANGAN Number	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
MR 219	474	19	4.0	292	61.6	154	32.5	9	1.9	-	-
MR 220	30	3	10.0	17	56.7	7	23.3	3	10.0	-	-
NMR 152	4	1	25.0	-	-	3	75.0	-	-	-	-
MR 220 CL2	440	24	5.5	230	52.3	174	39.5	12	2.7	-	-
MR 263	48	1	2.1	11	22.9	31	64.6	5	10.4	-	-
UKMRC-2	38	-	-	12	31.6	24	63.2	2	5.3	-	-
MRQ 76	4	-	-	-	-	3	75.0	1	25.0	-	-
MR 269	218	25	11.5	129	59.2	63	28.9	1	0.5	-	-
MR 297	866	23	2.7	326	37.6	466	53.8	43	5.0	8	0.9
UKMRC-8	15	1	6.7	7	46.7	7	46.7	-	-	-	-
SEBERNAS 307	26	2	7.7	15	57.7	8	30.8	1	3.8	-	-
SEMPADAN 303	44	1	2.3	16	36.4	26	59.1	1	2.3	-	-
HYBRID	19	-	-	2	10.5	7	36.8	10	52.6	-	-
<b>SEMUA JENIS All varieties</b>	<b>2,226</b>	<b>100</b>	<b>4.5</b>	<b>1,057</b>	<b>47.5</b>	<b>973</b>	<b>43.7</b>	<b>88</b>	<b>4.0</b>	<b>8</b>	<b>0.4</b>

**JADUAL C5: KAEDAH MENANAM PADI MENGIKUT NEGERI DAN JENIS KAWASAN,**  
**MALAYSIA, MUSIM UTAMA 2020/2021**  
**Table C5: Paddy planting methods by state and area type,**  
**Peninsular, Main Season 2020/2021**

NEGERI State	BILANGAN SAMPEL DIANALISIS Number of samples analysed			BILANGAN SAMPEL MENGIKUT KAEDAH MENANAM PADI Number of samples according to method of paddy planting													
	MENCEDUNG MANUAL Manual Transplant			MENCEDUNG JENTERA Transplanter			TABUR TERUS BASAH Broadcasting - puddled field			TABUR TERUS KERING Broadcasting - dry field			TABUR TERUS DALAM AIR Broadcasting - in water field				
	KESE- LURU- HAN Overall	SKIM PENG- AIRAN Irrigation scheme	LUAR PENG- AIRAN Outside Irrigation Areas	KESE- LURU- HAN Overall	SKIM PENG- AIRAN Irrigation scheme	LUAR PENG- AIRAN Outside Irrigation Areas	KESE- LURU- HAN Overall	SKIM PENG- AIRAN Irrigation scheme	LUAR PENG- AIRAN Outside Irrigation Areas	KESE- LURU- HAN Overall	SKIM PENG- AIRAN Irrigation scheme	LUAR PENG- AIRAN Outside Irrigation Areas	KESE- LURU- HAN Overall	SKIM PENG- AIRAN Irrigation scheme	LUAR PENG- AIRAN Outside Irrigation Areas		
(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
JOHOR	27	24	3	-	-	-	-	-	27	24	3	-	-	-	-	-	-
KEDAH	708	620	88	9	9	-	-	-	548	466	82	4	4	-	147	141	6
KELANTAN	469	400	69	-	-	-	-	-	331	262	69	-	-	-	138	138	-
MELAKA	38	24	14	-	-	-	-	-	38	24	14	-	-	-	-	-	-
N. SEMBILAN	30	30	-	-	-	-	-	-	30	30	-	-	-	-	-	-	-
PAHANG	130	124	6	-	-	-	-	-	107	101	6	23	23	-	-	-	-
PERAK	310	307	3	-	-	1	1	-	229	226	3	6	6	-	74	74	-
PERLIS	194	155	39	-	-	2	2	-	103	90	13	38	21	17	51	42	9
P. PINANG	92	92	-	-	-	1	1	-	56	56	-	-	-	-	35	35	-
SELANGOR	108	108	-	-	-	84	84	-	17	17	-	4	4	-	3	3	-
TERENGGANU	145	61	84	-	-	-	-	-	145	61	84	-	-	-	-	-	-
SEM. MALAYSIA Pen. Malaysia %	2,251 100.0	1,945 86.4	306 13.6	9 0.4	9 0.4	88 3.9	88 3.9	0 0.0	1,631 72.5	1,357 60.3	274 12.2	75 3.3	58 2.6	17 0.9	448 19.9	433 19.2	15 0.8
SABAH	294	68	226	102	-	-	-	-	169	67	102	4	-	4	19	1	18
SARAWAK	459	37	422	445	26	419	-	-	11	11	-	3	-	3	-	-	-
MALAYSIA Malaysia %	3,004 100.0	2,050 68.2	954 31.8	556 18.5	35 1.2	521 25	88 2.9	88 2.9	0 0.0	1,811 60.3	1,435 47.8	376 12.5	82 2.7	58 1.9	467 15.5	434 14.4	33 1.6

JADUAL C6: KAADAH MENANAM PADI MENGIKUT KAWASAN JELAPANG PADI

DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2020/2021

Table C6: Paddy planting methods by granary area and area type, Malaysia, Main Season 2020/2021

(1) JELAPANG PADI Granary Area	BILANGAN SAMPEL DIANALISIS Number of samples analysed			BILANGAN SAMPEL MENGIKUT KAADAH MENANAM PADI Number of samples according to method of paddy planting																	
				MENECEDUNG MANUAL Manual Transplant				MENECEDUNG JENTERA Transplanter			TABUR TERUS BASAH Broadcasting - puddled field			TABUR TERUS KERING Broadcasting - dry field			TABUR TERUS DALAM AIR Broadcasting- in water field				
	KESE- LURU- HAN Overall	SKIM PENG- AIRAN Irrigation scheme	LUAR PENG- AIRAN Outside Irrigation Areas	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
MADA	675	675	-	4	4	-	-	-	-	-	-	667	667	-	-	-	-	4	4	-	4
KADA	271	271	-	-	-	-	-	-	-	-	-	133	133	-	-	-	-	138	138	-	138
IADA KERIAN	156	156	-	-	-	1	1	-	1	1	-	126	126	-	-	-	-	29	29	-	29
IADA BLS	108	108	-	-	-	84	84	-	84	84	-	17	17	-	4	4	-	3	3	-	3
IADA P. PINANG	92	92	-	-	-	1	1	-	1	1	-	56	56	-	-	-	-	35	35	-	35
IADA SEB PERAK	97	97	-	-	-	-	-	-	-	-	-	58	58	-	-	-	-	39	39	-	39
IADA KETARA	61	61	-	-	-	-	-	-	-	-	-	61	61	-	-	-	-	-	-	-	-
IADA KEM SEMERAK	51	51	-	-	-	-	-	-	-	-	-	51	51	-	-	-	-	-	-	-	-
IADA PEKAN	54	54	-	-	-	-	-	-	-	-	-	33	33	-	21	21	-	-	-	-	1
IADA ROMPIN	35	35	-	-	-	-	-	-	-	-	-	35	35	-	-	-	-	-	-	-	-
IADA KOTA BELUD	68	68	-	-	-	-	-	-	-	-	-	67	67	-	-	-	-	-	-	-	1
IADA BATANG LUPAR	37	37	-	-	-	26	26	-	-	-	-	11	11	-	-	-	-	-	-	-	-
JUMLAH Total	1,705	1,705	-	30	30	-	86	86	-	86	86	1315	1315	-	25	25	-	249	249	-	249
%	100.0	100.0	-	1.8	1.8	-	5.0	5.0	-	5.0	5.0	77.1	77.1	-	1.5	1.5	-	14.6	14.6	-	14.6

**JADUAL C7: KADAR PENGGUNAAN BENIH MENGIKUT KAEDAH MENANAM PADI DAN NEGERI,  
SEMANJUNG MALAYSIA DAN SABAH, SARAWAK MUSIM UTAMA 2020/2021**  
*Table C7: Seeding rate by methods of paddy planting and state,  
Peninsular Malaysia and Sabah, Sarawak Main Season 2020/2021*

(1) NEGERI State	(2) BILANGAN SAMPEL Number of samples analysed	(3) BILANGAN DAN PERATUS SAMPEL YANG RESPON KEPADA KADAR PENGGUNAAN BENIH Number and percentage of samples that responded to seeding rate		(4) %						(5) KADAR PURATA PENGGUNAAN BENIH (KG/HA) Average seeding rate (Kg/ha)					
		BILANGAN Number		MENCEDUNG MANUAL Manual Transplant	MENCEDUNG JENTERA Transplanter	TABUR TERUS BASAH Broadcasting - puddled field	TABUR TERUS KERING Broadcasting - dry field	TABUR TERUS DALAM AIR Broadcasting - in water field	MENCEDUNG MANUAL Manual Transplant	MENCEDUNG JENTERA Transplanter	TABUR TERUS BASAH Broadcasting - puddled field	TABUR TERUS KERING Broadcasting - dry field	TABUR TERUS DALAM AIR Broadcasting - in water field		
JOHOR	27	27	100.0	-	-	135	-	-	-	-	-	-			
KEDAH	708	708	100.0	45	-	143	-	132	-	152	-	-			
KELANTAN	469	469	100.0	-	-	148	-	-	-	153	-	-			
MELAKA	38	38	100.0	-	-	117	-	-	-	-	-	-			
N. SEMBILAN	30	30	100.0	-	-	123	-	-	-	-	-	-			
PAHANG	130	130	100.0	-	-	139	-	140	-	-	-	-			
PERAK	310	310	100.0	-	147	146	-	145	-	158	-	-			
PERLIS	194	194	100.0	-	-	138	79	140	-	143	-	-			
P. PINANG	92	92	100.0	-	-	148	86	-	-	154	-	-			
SELANGOR	108	108	100.0	-	-	156	73	161	-	144	-	-			
TERENGGANU	145	145	100.0	-	-	141	-	-	-	-	-	-			
SEM. MALAYSIA <i>Pen. Malaysia</i>	2,251	2,251	100.0	45	74	143	74	141	141	152	141	152			
SABAH	294	294	100.0	41	-	139	-	148	-	147	-	-			
SARAWAK	459	459	100.0	36	-	40	-	-	-	-	-	-			
MALAYSIA	3,004	3,004	100.0	37	74	142	74	136	136	152	136	152			

**JADUAL C8: KADAR PENGGUNAAN BENIH MENGIKUT KAEDAH MENANAM PADI DAN KAWASAN JELAPANG PADI, MALAYSIA, MUSIM UTAMA 2020/2021**  
**Table C8: Seeding rate by methods of paddy planting and granary area, Malaysia, Main Season 2020/2021**

JELAPANG PADI Granary Area	BILANGAN SAMPEL DIANALISIS Number of samples analysed	BILANGAN DAN PERATUS SAMPEL RESPON KEPADA KADAR PENGGUNAAN BENIH Number and percentage of samples that responded to seeding rate		KADAR PURATA PENGGUNAAN BENIH (KG/HA) Average seeding rate (Kg/ha)				
		BILANGAN Number	%	MENCEDUNG MANUAL Manual Transplant	MENCEDUNG JENTERA Transplanter	TABUR TERUS BASAH Broadcasting - puddled field	TABUR TERUS KERING Broadcasting - dry field	TABUR TERUS DALAM AIR Broadcasting - in water field
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
MADA	675	675	100.0	69	-	141	-	172
KADA	271	271	100.0	-	-	133	-	138
IADA KERIAN	156	156	100.0	-	147	145	-	161
IADA BLS	108	108	100.0	-	73	156	161	144
IADA P. PINANG	92	92	100.0	-	86	148	-	154
IADA SEB PERAK	97	97	100.0	-	-	151	-	156
IADA KETARA	61	61	100.0	-	-	149	-	-
IADA KEM SEMERAK	51	51	100.0	-	-	150	-	-
IADA PEKAN	54	54	100.0	-	-	140	140	-
IADA ROMPIN	35	35	100.0	-	-	138	-	-
IADA KOTA BELUD	68	68	100.0	-	-	152	-	150
IADA BATANG LUPAR	37	37	100.0	36	-	40	-	-
<b>JUMLAH Total</b>	<b>1,705</b>	<b>1,705</b>	<b>100.0</b>	<b>40</b>	<b>74</b>	<b>142</b>	<b>143</b>	<b>146</b>

**JADUAL C9: PENGGUNAAN MEKANISASI MENGIKUT JENIS AKTIVITI DAN NEGERI,  
MALAYSIA, MUSIM UTAMA 2020/2021**

*Table C9: Mechanisation by type of activity and state, Malaysia, Main Season 2020/2021*

NEGERI State	BILANGAN DAN PERATUS SAMPEL MENGGUNA JENTERA Number and percentage of samples using machines													
	BILANGAN SAMPel DIANALISIS Number of samples analysed	MENYEDIA SAWAH Land Preparation		MENCEDUNG JENTERA Transplanter		MENABUR BENIH Sowing/Broadcasting		MENABUR BAJA Manuring		MERACUN Chemical Spraying		MENUAI PADI Harvesting		
		BILANGAN Number (3)	% (4)	BILANGAN Number (5)	% (6)	BILANGAN Number (7)	% (8)	BILANGAN Number (9)	% (10)	BILANGAN Number (11)	% (12)	BILANGAN Number (13)	% (14)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
JOHOR	27	100.0	-	-	-	27	100.0	12	44.4	15	55.6	27	100.0	
KEDAH	708	100.0	-	-	-	701	99.0	705	99.6	708	100.0	708	100.0	
KELANTAN	469	99.4	-	-	-	430	91.7	411	87.6	434	92.5	461	98.3	
MELAKA	38	86.8	-	-	-	38	100.0	32	84.2	32	84.2	38	100.0	
N. SEMBILAN	30	100.0	-	-	-	30	100.0	30	100.0	30	100.0	30	100.0	
PAHANG	130	100.0	-	-	-	130	100.0	130	100.0	130	100.0	130	100.0	
PERAK	310	100.0	25	8.1	-	310	100.0	310	100.0	310	100.0	310	100.0	
PERLIS	194	100.0	-	-	-	194	100.0	192	99.0	194	100.0	194	100.0	
P. PINANG	92	100.0	1	1.1	-	91	98.9	92	100.0	92	100.0	92	100.0	
SELANGOR	108	100.0	84	77.8	-	24	22.2	108	100.0	108	100.0	108	100.0	
TERENGGANU	145	100.0	-	-	-	145	100.0	142	97.9	142	97.9	145	100.0	
SEM. MALAYSIA Pen. Malaysia	2,251	99.6	110	4.9	-	2,120	94.2	2,164	96.1	2,195	97.5	2,243	99.6	
SABAH	294	71.8	-	-	-	123	41.8	86	29.3	142	48.3	182	61.9	
SARAWAK	459	2.4	-	-	-	14	3.1	11	2.4	16	3.5	37	8.1	
MALAYSIA	3,004	82.1	110	3.7	-	2,257	75.1	2,261	75.3	2,353	78.3	2,462	82.0	

**JADUAL C10: PENGGUNAAN MEKANISASI MENGIKUT JENIS AKTIVITI DAN  
KAWASAN JELAPANG PADI, MALAYSIA, MUSIM UTAMA 2020/2021**  
*Table C10: Mechanisation by type of activity and granary area, Malaysia, Main Season 2020/2021*

JELAPANG PADI Granary Area	BILANGAN SAMPel DIANALISIS Number of samples analysed	BILANGAN DAN PERATUS SAMPEL MENGGUNA JENTERA Number and percentage of samples using machines													
		MENYEDIA SAWAH Land Preparation		MENCEDUNG JENTERA Transplanter		MENABUR BENIH Sowing/Broadcasting		MENABUR BAJA Manuring		MERACUN Chemical Spraying		MENUAI PADI Harvesting			
		BILANGAN Number (3)	% (4)	BILANGAN Number (5)	% (6)	BILANGAN Number (7)	% (8)	BILANGAN Number (9)	% (10)	BILANGAN Number (11)	% (12)	BILANGAN Number (13)	% (14)		
MADA	675	100.0	26	3.9	668	99.0	673	99.7	675	100.0	675	100.0	675	100.0	
KADA	271	100.0	-	-	265	97.8	248	91.5	257	94.8	269	99.3	269	99.3	
IADA KERIAN	156	100.0	25	16.0	156	100.0	156	100.0	156	100.0	156	100.0	156	100.0	
IADA BLS	108	100.0	84	77.8	24	22.2	108	100.0	108	100.0	108	100.0	108	100.0	
IADA P. PINANG	92	100.0	1	1.1	91	98.9	92	100.0	92	100.0	92	100.0	92	100.0	
IADA SEB PERAK	97	100.0	-	-	97	100.0	97	100.0	97	100.0	97	100.0	97	100.0	
IADA KETARA	61	100.0	-	-	61	100.0	61	100.0	61	100.0	61	100.0	61	100.0	
IADA KEM SEMERAK	51	100.0	-	-	45	88.2	38	74.5	42	82.4	51	100.0	51	100.0	
IADA PEKAN	54	100.0	-	-	54	100.0	54	100.0	54	100.0	54	100.0	54	100.0	
IADA ROMPIN	35	100.0	-	-	35	100.0	35	100.0	35	100.0	35	100.0	35	100.0	
IADA KOTA BELUD	68	100.0	-	-	68	100.0	68	100.0	68	100.0	68	100.0	68	100.0	
IADA BATANG LUPAR	37	29.7	-	-	11	29.7	11	29.7	16	43.2	29	78.4	29	78.4	
<b>JUMLAH Total/</b>	<b>1,705</b>	<b>98.5</b>	<b>136</b>	<b>8.0</b>	<b>1,575</b>	<b>92.4</b>	<b>1,641</b>	<b>96.2</b>	<b>1,661</b>	<b>97.4</b>	<b>1,689</b>	<b>99.1</b>	<b>1,689</b>	<b>99.1</b>	

**JADUAL C11: BILANGAN SAMPEL DAN PURATA HASIL PADI BASAH  
MENGIKUT VARIETI PADI, SABAH, MUSIM UTAMA 2020/2021**  
*Table C11: Number of samples and average yield of wet paddy  
by paddy variety, Sabah, Main Season 2020/2021*

<b>VARIETI</b> <i>Variety</i>	<b>BILANGAN SAMPEL</b> <i>Number of samples</i>	<b>% DITANAM</b> <i>Planted</i>	<b>PURATA HASIL PADI BASAH (KG/HEKTAR)</b> <i>Average yield of wet paddy (Kg/ha)</i>	<b>PURATA HASIL PADI BERSIH (KG/HEKTAR)</b> <i>Average yield of cleaned paddy (Kg/ha)</i>
(1)	(2)	(3)	(4)	(4)
TR 10	9	3.1	4,522	3,577
TR 8	91	31.0	4,240	3,353
Tempatan	188	63.9	3,930	3,226
Tempatan (Trusan Sapi)	3	1.0	3,150	2,826
Tempatan (Adan)	2	0.7	3,650	3,205
Tempatan (Padi Wangi)	1	0.3	2,250	2,036
<b>SABAH</b>	<b>294</b>	<b>100.0</b>	<b>4,100</b>	<b>3,362</b>

**JADUAL C12: BILANGAN SAMPEL DAN PURATA HASIL PADI BASAH  
MENGIKUT VARIETI PADI, SARAWAK, MUSIM UTAMA 2020/2021**  
*Table C12: Number of samples and average yield of wet paddy  
by paddy variety, Sarawak, Main Season 2020/2021*

VARIETI Variety	BILANGAN SAMPEL Number of samples	% DITANAM Planted	PURATA HASIL PADI BASAH (KG/HEKTAR) Average yield of wet paddy (Kg/ha)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average yield of cleaned paddy (Kg/ha)
(1)	(2)	(3)	(4)	(4)
Biris	7	1.5	2,850	2,579
Bario	57	12.4	3,050	2,760
Wai/Rotan	27	5.9	2,150	1,946
Lemak	23	5.0	2,500	2,263
Udang	12	2.6	2,750	2,489
Bubuk	6	1.3	4,050	3,665
Wangi	21	4.6	3,400	3,077
Bajong	6	1.3	3,350	3,032
MRQ 76	1	0.2	4,500	4,073
MR 219	5	1.1	3,550	3,213
MR 263	5	1.1	2,950	2,670
MR 269	37	8.1	3,658	2,861
Merah	9	2.0	2,650	2,398
Hitam	22	4.8	3,000	2,715
Tempatan	221	48.1	2,850	2,579
<b>SARAWAK</b>	<b>459</b>	<b>100.0</b>	<b>2,795</b>	<b>2,521</b>

JADUAL C13 (1): BILANGAN DAN PERATUS SAMPEL BAGI PENGGUNAAN BAJA MENGIKUT RICE CHECK JABATAN PERTANIAN  
DI KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2020/2021

JELAPANG PADI	BILANGAN SASARAN SAMPEL	BILANGAN SAMPEL DIANALISIS	PEMBAJAJAN PERINGKAT 3 HELAI DAUN (17:54:15-10 / 17:20:10)		UREA (46%)		BAJA SEBANTIAN 17:3:25:2MgO		**BAJA TAMBAHAN LAIN															
			PEMBAJAJAN PERINGKAT 3 HELAI DAUN		PEMBAJAJAN PERINGKAT BERANAK AKTIF		PEMBAJAJAN PERINGKAT PEMBENTUKAN TANGKAI		PEMBAJAJAN PERINGKAT TERBIT DAN BERBUNGA		PENGAPURAN		PEMBAJAJAN BAHAN ORGANIK		PEMBAJAJAN VEGETATIF		PEMBAJAJAN PERINGKAT PEMBENTUKAN TANGKAI		PEMBAJAJAN PERINGKAT TERBIT DAN BERBUNGA					
			BHL	%	BHL	%	BHL	%	BHL	%	BHL	%	BHL	%	BHL	%	BHL	%	BHL	%	BHL	%		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
MADA	675	675	666	98.67	9	1.33	663	98.22	12	1.78	658	97.48	17	2.52	0	0.00	0	0.00	0	0.00	1	0.15	1	0.15
KADA	270	272	266	97.79	84	30.88	236	86.76	59	21.69	239	87.87	39	14.34	0	0.00	0	0.00	21	7.72	38	13.97	69	25.37
BARAT LAUT SELANGOR	108	77	77	100.00	66	85.71	73	94.81	35	45.45	13	16.88	6	7.79	0	0.00	0	0.00	0	0.00	69	89.61	0	0.00
KERIAN	156	156	156	100.00	115	73.72	156	100.00	86	55.13	123	78.85	94	60.26	0	0.00	0	0.00	0	0.00	0	0.00	8	5.13
P.PINANG	111	92	92	100.00	91	98.91	92	100.00	0	0.00	92	100.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
SEBERANG PERAK	97	79	79	100.00	24	30.38	79	100.00	12	15.19	67	84.81	17	21.52	12	15.19	0	0.00	4	5.06	2	2.53	6	7.59
KETARA	61	61	61	100.00	50	81.97	61	100.00	0	0.00	61	100.00	9	14.75	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
KEMASIN SEMERAK	51	51	51	100.00	0	0.00	45	88.24	3	5.88	48	94.12	3	5.88	0	0.00	0	0.00	0	0.00	3	5.88	0	0.00
PEKAN	54	54	54	100.00	54	100.00	54	100.00	0	0.00	54	100.00	54	100.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ROMPIN	35	35	35	100.00	35	100.00	33	94.29	6	17.14	35	100.00	32	91.43	0	0.00	0	0.00	17	48.57	2	5.71	17	48.57
<b>JUMLAH</b>	<b>1618</b>	<b>1552</b>	<b>1537</b>	<b>99.03</b>	<b>528</b>	<b>34.02</b>	<b>1492</b>	<b>96.13</b>	<b>213</b>	<b>13.72</b>	<b>1390</b>	<b>89.56</b>	<b>271</b>	<b>17.46</b>	<b>12</b>	<b>0.77</b>	<b>0</b>	<b>0.00</b>	<b>42</b>	<b>2.71</b>	<b>115</b>	<b>7.41</b>	<b>101</b>	<b>6.51</b>

Catatan:

\*Baja foliar hanya dibekalkan kepada MADA dan IADA Kerian manakala bah-bah lain jelapang dibekalkan dengan baja organik 5:5:5.

\*\*Baja tambahan yang dibeli oleh petani sendiri (contoh: baja sebatian 12:12:17:2, 13:13:21, MOP, TSP dan sebagainya)

JADUAL C13 (2): BILANGAN DAN PERATUS SAMPEL BAGI PENGGUNAAN BAJA MENGIKUT RICE CHECK JABATAN PERTANIAN DI KAWASAN LUAR JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2020/2021

NEGERI	BILANGAN SASARAN SAMPEL	BILANGAN SAMPEL DIANALISIS	PENGCAJAMAN (%)	PERINGKAT 3 HELAI DAUN (17:5:15:10 / 17:20:10)			UREA (46%)			BAJA SEBATIAN 17:3:25:20g0			BAJA BID			**BAJA TAMBAHAN LAIN											
				PERINGKAT 3 HELAI DAUN		PERINGKAT 3 HELAI DAUN	PERINGKAT PERINGKAT BERANAK AKTIF		PERINGKAT PERINGKAT BERANAK AKTIF	PERINGKAT PERINGKAT BERBUNGA		PERINGKAT PERINGKAT BERBUNGA	PERINGKAT PERINGKAT BERBUNGA		PERINGKAT PERINGKAT BERBUNGA		PERINGKAT PERINGKAT BERBUNGA		PERINGKAT PERINGKAT BERBUNGA		PERINGKAT PERINGKAT BERBUNGA						
				BHL	%	BHL	%	BHL	%	BHL	%	BHL	%	BHL	%	BHL	%	BHL	%	BHL	%	BHL	%	BHL	%		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)
PERLIS	179	69	38.53%	100.00	69	100.00	69	100.00	69	100.00	69	100.00	69	100.00	69	100.00	0	0.00	0	0	0	37	53.62	35	50.72	0	0
KEDAH	158	165	104.43%	87.27	90	54.55	135	81.82	12	7.27	111	67.27	78	47.27	0	0.00	0	0.00	0	0	0	2	1.21	0	0	0	0
PERAK	54	51	94.44%	100.00	51	100.00	51	100.00	9	17.65	39	76.47	42	82.35	2	3.92	0	0.00	0	0	0	3	5.88	0	0	0	0
N.SEMBILAN	30	18	60.00%	100.00	18	100.00	18	100.00	0	0	18	100.00	18	100.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0	0
MELAKA	38	39	102.63%	100.00	39	100.00	39	100.00	39	100.00	39	100.00	39	100.00	33	84.62	0	0.00	0	0	0	0	0	0	0	0	0
JOHOR	27	27	100.00%	100.00	15	55.56	27	100.00	15	55.56	12	44.44	24	88.89	12	44.44	9	33.33	0	0	0	0	0	0	0	0	0
PAHANG	39	39	100.00%	100.00	39	100.00	39	100.00	0	0	39	100.00	39	100.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0	0
TERENGGANU	84	84	100.00%	100.00	72	85.71	81	96.43	72	85.71	72	85.71	69	82.14	12	14.29	3	3.57	0	0	0	9	10.71	12	14.29	12	14.29
KEBANTAN	147	147	100.00%	147	100.00	144	98.92	147	100.00	84	57.14	75	51.02	144	97.96	0	0.00	0	0.00	0	0	3	2.04	3	2.04	0	0
SARAWAK	436	346	79.36%	307	88.73	295	85.26	272	78.61	219	63.29	224	64.74	183	52.89	11	3.18	0	0.00	4	1.30	4	1.30	19	5.49	0	0
JUMLAH	1192	995	82.63%	925	93.91	829	84.16	878	89.1	519	52.7	698	70.9	705	71.6	70	7.11	12	1.2	4	0.4	73	7.9	50	5.1	12	2.3

Catatan:

\*\*Baja tambahan yang dibeli oleh petani sendiri (contoh: baja sebatian 12:12:12:2:1:3:1:3:2:1, MOP, TSP dan sebagainya)

JADUAL C14 (1) : PURATA KADAR PENGGUNAAN BAJA (KG/HA)  
DI KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2020/2021

JELAPANG PADI	BILANGAN SASARAN SAMPEL	BILANGAN SASARAN SAMPEL DIANALISIS	PURATA PENGGUNAAN BAJA SEBANTIAN 17.5-15.5-10 / 17:20:10 (KG/HA)		PURATA PENGGUNAAN UREA (KG/HA)		PURATA PENGGUNAAN BAJA SEBANTIAN 17:3-25:2M:0 (KG/HA)		SUBSIDY	**BAJA TAMBAHAN LAIN									
			PEMBAJAJAN PERINGKAT PERINGKAT 3 HELAI DAUN	PEMBAJAJAN PERINGKAT PERINGKAT TANGKAI	PEMBAJAJAN PERINGKAT BERANAK AKTIF	PEMBAJAJAN PERINGKAT PERINGKAT TANGKAI	JUMLAH BAJA SUBSIDY UREA YANG DIGUNAKAN	PEMBAJAJAN VEGETATIF		PEMBAJAJAN PERINGKAT PEMBENTUKAN TANGKAI		PEMBAJAJAN BAHAN ORGANIK	PEMBAJAJAN PERINGKAT PERINGKAT DAN BERRUNGA						
								(4)		(5)	(6)		(7)	(8)	(9)	(10)	(11)	(12)	(13)
MADA	675	675	208.43	0.00	70.83	1.68	72.51	173.60	4.52										
KADA	270	272	181.68	55.96	78.34	22.25	100.60	104.96	30.66										
KERIAN	108	77	152.24	76.81	74.49	34.26	108.75	91.92	54.34										
BARAT LAUT	156	156	137.09	118.81	82.63	29.27	111.89	25.54	0.00										
P-PINANG	111	92	138.47	99.37	81.13	37.32	118.44	99.34	0.00										
SEBERANG PERAK	97	79	198.83	30.86	74.22	34.14	108.36	111.00	24.75										
KETARA	61	61	160.36	0.00	87.91	40.44	128.35	123.86	0.00										
KEMASIN SEMERAK	51	51	501.43	0.00	172.60	79.40	252.00	258.01	0.00										
PEKAN	54	54	140.05	100.14	80.03	36.81	116.84	101.62	50.29										
ROMPIN	35	35	107.56	88.76	46.16	21.23	67.39	68.29	50.65										
PURATA	1618	1552	192.61	57.07	84.83	33.68	118.51	115.81	26.90										
KADAR PENGESYORAN (BAJA SUBSIDY)			140	100	80			100	50										

Catatan:

\*Baja foliar hanya dibekalkan kepada MADA dan JADA Kerian manakala lain-lain jelapang dibekalkan dengan baja organik 5:5:5.

\*\*Baja tambahan yang dibeli oleh petani sendiri (contoh: baja sebatian 12:12:17:2, 13:13:21, MOP, TSP dan sebagainya)

JADUAL C14 (2) : PURATA KADAR PENGGUNAAN BAJA (KG/HA)  
DI KAWASAN LUAR JELAPANG PADLI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2020/2021

NEGERI	BILANGAN SASARAN SAMPEL	BILANGAN SAMPEL DIANALISIS	PURATA PENGGUNAAN BAJA SEBATHIAN 17.5:15.5:10 / 17.2:10:10 (KG/HA)				PURATA PENGGUNAAN UREA (KG/HA)				PURATA PENGGUNAAN BAJA SEBATHIAN 17.5:2.5:2MgO (KG/HA)				**BAJA TAMBAHAN LAIN					
			PEMBAJAJAN PERINGKAT 3 HELAI DAUN	PEMBAJAJAN PERINGKAT PEMBENTUKAN TANGKAI	JUMLAH BAJA SEBATHIAN BAJA SEBATHIAN	PEMBAJAJAN PERINGKAT BERANAK AKTIF	PEMBAJAJAN PERINGKAT PEMBENTUKAN TANGKAI	JUMLAH BAJA SUBSARANG BAJA SEBATHIAN DIGUNAKAN	PEMBAJAJAN PERINGKAT PEMBENTUKAN TANGKAI	JUMLAH BAJA SUBSARANG BAJA SEBATHIAN DIGUNAKAN	PEMBAJAJAN PERINGKAT TERBIT DAN BERBUNGA	PEMBAJAJAN PERINGKAT TERBIT DAN BERBUNGA	PEMBAJAJAN VEGETATIF	PEMBAJAJAN PERINGKAT PEMBENTUKAN TANGKAI		PEMBAJAJAN PERINGKAT TERBIT DAN BERBUNGA				
														FOLIAR	JUMLAH BAJA BUTIRAN	FOLIAR	JUMLAH BAJA BUTIRAN	FOLIAR	JUMLAH BAJA BUTIRAN	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	
PERLIS	179	69	119.74	119.74	239.48	40.95	40.95	81.90	101.46	16.69	118.15			0.27		0.36				
KEDAH	158	165	175.40	103.21	276.61	76.92	63.85	146.77	151.55	15.81	167.36									
PERAK	54	51	194.95	109.15	304.10	68.49	31.94	100.43	96.21	11.13	107.34				126.06					
NESEMBILAN	30	18	80.00	100.00	180.00	100.00		100.00	112.14	8.44	120.58									
MELAKA	38	39	132.24	96.54	229.78	74.85	11.15	86.00	94.00	7.87	101.87									
JOHOR	27	27	249.00	183.69	432.69	126.46	73.33	199.79	115.59	22.94	138.53			13.49						
PAHANG	39	39	151.95	127.07	279.02	81.15		81.15	134.18	11.87	146.05									
TERENGGANU	84	84	167.98	145.02	313.00	81.05	29.64	110.69	137.55	17.82	155.37			202.38		201.99		0.30	20	
KELANTAN	147	147	160.96	118.26	279.22	98.97	31.30	130.27	107.00	11.13	118.13									
SARAWAK	436	346	96.20	102.68	198.88	54.59	48.27	102.86	75.28	13.45	88.73									
PURATA	119	99	153	121	273	80	41	113	112	14	126			72	71	101	97	0	20	

Catatan:

\*\*Baja tambahan yang dibeli oleh petani sendiri (contoh: baja sebatian 12:12:17:2, 13:13:21, MOP, TSP dan sebagainya)

JADUAL C15 (1) - PURATA MASA APLIKASI BAJA  
DIKAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2020/2021

JELAPANG PADI	BILANGAN SASARAN SAMPEL	BILANGAN SAMPEL DIANALISIS	PURATA MASA PENGGUNAAN BAJA ORGANIK 5:5:5 (HLT)	PURATA MASA PENGGUNAAN BAJA SEBATHIAN 17:3:25:2 MgO (HLT)		PURATA MASA PENGGUNAAN UREA (HLT)			PURATA MASA PENGGUNAAN BAJA SEBATHIAN 17:3:25:2 MgO (HLT)			BAJA TAMBAHAN SELAIN UREA YANG DIBELI OLEH PETANI		
				PEMBAJAJAN PERINGKAT 3 HELAI DAUN	PEMBAJAJAN PERINGKAT PEMBENTUKAN TANGKAI	PEMBAJAJAN PERINGKAT BERANAK AKTIF	PEMBAJAJAN PERINGKAT PEMBENTUKAN TANGKAI	PEMBAJAJAN PERINGKAT TERBIT DAN BERBUNGA	PEMBAJAJAN PERINGKAT 3 HELAI DAUN	PEMBAJAJAN PERINGKAT PEMBENTUKAN TANGKAI	PEMBAJAJAN PERINGKAT TERBIT DAN BERBUNGA	MASA APLIKASI	MASA APLIKASI	MASA APLIKASI
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
MADA	675	675	17	0	36	49	0	0	59	74	0	57	90	
KADA	270	272	20	46	37	50	0	0	55	72	0	47	151	
KERIAN	108	77	17	45	20	47	0	0	55	71	0	55	0	
BARAT LAUT	156	156	15	49	34	50	0	0	51	72	14	53	74	
P-PINANG	111	92	19	43	43	0	0	0	67	0	0	0	0	
SEBERANG PERAK	97	79	18	46	33	50	0	0	53	67	30	60	65	
KETARA	61	61	19	0	37	0	0	0	58	0	0	0	0	
SEMARAK	51	51	16	0	34	45	0	0	58	0	0	0	0	
PEKAN	54	54	16	53	33	0	0	0	53	73	0	0	0	
ROMPIN	35	35	17	48	33	0	0	0	55	69	15	0	70	
MASA PEMBAJAJAN (PADI TEMPOH MATANG 90-105 DAN 105-115)			-45	14-20	15-35	45-55	0	0	49-58	62-76	14-30	53-60	70-90	

Catatan:

\*\*Baja tambahan yang dibeli oleh petani sendiri (contoh: baja sebatian 12:12:17:2, 13:13:21, MOP, TSP dan sebagainya)



JADUAL C16 (1) : PURATA KADAR NUTRIEN UTAMA  
DI KAWASAN JELAPANG PADI, SEMENJANG MALAYSIA, MUSIM UTAMA 2020/2021

BILANGAN DIANALISIS	JELAPANG PADI	PEMBAJAJAN PERINGKAT VEGETATIF (kg/ha)			PEMBAJAJAN PERINGKAT BERBAK (kg/ha)			PEMBAJAJAN PERINGKAT PEMBENTUKAN TANGKAI (kg/ha)			PEMBAJAJAN PERINGKAT TERBIT DAN BERHUNGA (kg/ha)			JUMLAH BAJAJ			PURATA HASIL (kg/ha)					
		N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O						
675	MADA	0.00	0.00	0.00	24.50	49.40	32.00	36.80	0.00	0.00	0.00	41.40	18.90	35.00	17.70	1.50	12.50	99.53	70.00	80.00	64.99	4,734.00
272	KADA	0.00	0.00	0.00	36.42	32.26	20.81	70.83	0.00	0.00	0.00	31.36	6.29	44.93	0.79	0.14	1.19	91.64	43.44	46.93	48.93	4,584.00
77	BARAT LAIT	0.00	0.00	0.00	18.47	16.36	10.56	82.63	0.00	0.00	0.00	25.90	15.60	15.36	0.00	0.00	0.00	81.12	33.56	22.49	39.88	3,175.00
196	KERIAN	0.00	0.00	0.00	26.64	23.60	15.22	74.49	0.00	0.00	0.00	38.23	14.66	30.66	9.18	1.62	13.50	108.31	39.88	59.38	47.81	4,831.00
98	P. PINANG	0.00	0.00	0.00	24.23	52.46	13.85	81.13	0.00	0.00	0.00	34.28	18.38	34.77	0.00	0.00	0.00	95.28	39.75	47.81	47.81	4,831.00
79	SEBERANG PERAK	0.00	0.00	0.00	34.79	30.82	19.88	74.22	0.00	0.00	0.00	30.29	8.11	30.84	4.21	0.74	14.05	97.92	39.28	57.30	57.30	2,522.00
61	KETABA	0.00	0.00	0.00	27.26	32.07	16.04	87.91	0.00	0.00	0.00	21.06	3.72	0.00	0.00	0.00	0.00	88.76	35.79	47.00	47.00	5,759.00
51	KEMASIN SEMERAK	0.00	0.00	0.00	85.24	100.29	50.14	172.60	0.00	0.00	0.00	43.86	7.74	64.50	0.00	0.00	0.00	208.50	108.03	114.64	114.64	3,845.00
54	PERKAN	0.00	0.00	0.00	23.81	28.01	14.00	80.03	0.00	0.00	0.00	34.30	23.08	35.42	8.55	1.51	12.57	103.47	52.59	62.00	62.00	4,406.00
35	ROMPIN	0.00	0.00	0.00	18.28	21.51	10.76	46.16	0.00	0.00	0.00	26.70	19.80	25.95	8.61	1.52	12.66	74.83	42.83	49.37	49.37	2,923.00
15520	PURATA	0.00	0.00	0.00	32.60	37.37	18.94	84.83	0.00	0.00	0.00	32.51	13.20	34.70	3.68	0.66	6.24	104.94	47.27	57.19	57.19	4,115.60

KADAR PENGESYOAN PEMBAJAJAN LESTARI		24.5	49.3	32	41.4	38.5	35	17.7	1.5	12.5	120	70	80
		0	0	0	0	0	0	0	0	0	0	0	0

BILANGAN DIANALISIS	JELAPANG PADI	PEMBAJAJAN PERINGKAT VEGETATIF (kg/ha)			PEMBAJAJAN PERINGKAT BERBAK (kg/ha)			PEMBAJAJAN PERINGKAT PEMBENTUKAN TANGKAI (kg/ha)			PEMBAJAJAN PERINGKAT TERBIT DAN BERHUNGA (kg/ha)			JUMLAH BAJAJ			PURATA HASIL (kg/ha)					
		N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O						
675	MADA	0.00	0.00	0.00	24.50	49.30	32.00	61.30	49.30	32.00	32.00	102.70	67.80	67.00	120.40	69.30	79.50	78	78	78	78	4,754.00
272	KADA	0.00	0.00	0.00	37.00	32.77	21.16	107.22	32.77	21.16	21.16	181.48	39.71	67.41	210.61	44.86	110.29	67.41	67.41	67.41	67.41	4,584.00
77	BARAT LAIT	13.86	0.55	0.10	41.72	25.23	16.02	122.38	25.23	16.02	24.24	260.17	82.50	85.15	263.14	55.91	98.98	68.24	68.24	68.24	68.24	3,175.00
196	KERIAN	0.00	0.00	0.00	25.57	43.09	14.61	107.00	43.09	14.61	15.73	62.15	62.15	84.99	179.39	75.67	116.96	62.15	62.15	62.15	62.15	4,831.00
98	P. PINANG	0.00	0.00	0.00	27.82	27.64	15.90	131.68	27.64	15.90	21.056	49.81	49.81	57.20	120.56	49.81	57.20	120.56	49.81	57.20	49.81	2,522.00
79	SEBERANG PERAK	0.00	0.00	0.00	37.65	33.35	21.52	114.39	33.35	21.52	174.31	39.79	56.73	190.47	42.36	94.91	252.20	190.47	42.36	94.91	94.91	5,759.00
61	KETABA	0.00	0.00	0.00	27.26	32.07	16.04	115.17	32.07	16.04	136.23	35.79	47.01	136.23	35.79	47.01	136.23	35.79	47.01	47.01	47.01	3,845.00
51	KEMASIN SEMERAK	0.00	0.00	0.00	42.22	49.68	24.84	158.97	49.68	24.84	228.57	54.33	62.69	228.57	54.33	62.69	228.57	54.33	62.69	62.69	62.69	4,406.00
54	PERKAN	0.00	0.00	0.00	23.92	28.14	14.07	82.26	28.14	14.07	116.57	51.37	49.36	116.57	51.37	49.36	116.57	51.37	49.36	49.36	49.36	2,923.00
35	ROMPIN	0.00	0.00	0.00	18.50	21.77	10.88	68.33	21.77	10.88	95.27	40.94	37.78	106.37	42.90	51.11	106.37	42.90	51.11	51.11	51.11	4,115.60
15520	PURATA	1.39	0.66	0.01	32.40	34.36	16.12	117.36	34.36	16.12	180.27	50.86	61.66	180.27	50.86	61.66	180.27	50.86	61.66	61.66	61.66	4,115.60

JADUAL C16 (2) : PURATA KADAR NUTRIEN UTAMA  
 DI KAWASAN JELAPANG PAJDI, SEMEMANJUNG MALAYSIA, MUSIM UTAMA 2020/2021

NEGERI	DIAMALISIS	PENYEDIAAN KAWASAN (KG/HA)			PEMBAJAJAN PERINGKAT VEGETATIF (KG/HA)			PEMBAJAJAN PERINGKAT BERANAK (KG/HA)			PEMBAJAJAN PERINGKAT PEMBUNYUAN ANGGAI (KG/HA)			PEMBAJAJAN PERINGKAT TERBIT DAN BUNYUAN (KG/HA)			PURATA KESELURUHAN KADAR NUTRIEN UTAMA (KG/HA)			PURATA HASIL (KG/HA)
		N NITROGEN	P <sub>2</sub> O <sub>5</sub> FOSFORUS	K <sub>2</sub> O KALIAM	N NITROGEN	P <sub>2</sub> O <sub>5</sub> FOSFORUS	K <sub>2</sub> O KALIAM	N NITROGEN	P <sub>2</sub> O <sub>5</sub> FOSFORUS	K <sub>2</sub> O KALIAM	N NITROGEN	P <sub>2</sub> O <sub>5</sub> FOSFORUS	K <sub>2</sub> O KALIAM	N NITROGEN	P <sub>2</sub> O <sub>5</sub> FOSFORUS	K <sub>2</sub> O KALIAM	N NITROGEN	P <sub>2</sub> O <sub>5</sub> FOSFORUS	K <sub>2</sub> O KALIAM	
PERLIS	49	5	5	5	20.41	25.97	11.98	18.84	0.00	0.00	37.45	16.69	2.94	24.54	12.35	53.50	75.91	80.00	2.817	
KEDAH	165	-	-	-	29.48	34.68	17.34	35.38	25.19	48.21	34.97	15.81	2.79	23.25	84.10	54.05	67.04	67.04	3.114	
PERAK	51	-	-	-	52.05	57.90	38.40	31.51	11.13	11.13	34.97	11.13	1.96	16.36	108.58	65.76	63.39	63.39	3.078	
N.SEMBILAN	18	-	-	-	13.60	16.00	8.00	46.00	23.36	38.03	38.03	8.44	1.49	12.42	104.11	40.85	58.45	58.45	4.596	
MELAKA	39	-	-	-	22.65	26.65	13.32	34.43	22.13	33.15	33.15	7.87	1.39	11.58	102.48	50.17	58.06	58.06	2.599	
JOHOR	27	-	-	-	42.33	49.80	24.90	58.17	40.21	47.27	47.27	22.94	4.05	33.73	165.71	75.35	77.93	77.93	3.180	
PAHANG	39	-	-	-	25.83	30.39	15.19	37.33	29.44	46.25	46.25	11.97	2.09	17.45	119.44	61.92	78.90	78.90	2.511	
TERENGGANU	84	-	-	-	28.59	33.63	16.00	37.28	43.83	69.31	69.31	20.19	5.54	29.40	132.71	65.22	82.34	82.34	2.359	
KELANTAN	147	-	-	-	27.36	77.19	47.10	45.53	26.86	38.58	38.58	11.13	1.96	16.37	120.13	58.56	56.46	56.46	2.959	
SARAWAK	346	-	-	-	20.67	22.56	15.76	25.11	22.80	29.09	29.09	13.45	2.37	19.78	104.76	40.82	43.53	43.53	2.663	
PURATA	965.30	0.00	0.00	0.00	28.30	37.38	26.80	36.96	28.55	42.23	42.23	13.95	2.66	20.49	144.14	56.31	68.92	68.92	3.08810	

JADUAL C16 (3) : PURATA KADAR KUMULATIF NUTRIEN UTAMA  
DI KAWASAN LUAR JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2020/2021

NEGERI	PENYEDIAAN KAWASAN (KG/HA)			PEMBAJAJAN PERINGKAT VEGETATIF (KG/HA)			PEMBAJAJAN PERINGKAT BERANAK AKTIF (KG/HA)			PERINGKAT PEMBENTUKAN TANGKAI			PEMBAJAJAN PERINGKAT TERBIT DAN BERBUNGA (KG/HA)		
	NITROGEN	P.O.- FOSFORUS	K.O KALIAM	NITROGEN PERINGKAT VEGETATIF	P.O.- FOSFORUS PERINGKAT VEGETATIF	K.O KALIAM PERINGKAT VEGETATIF	NITROGEN PERINGKAT BERANAK AKTIF	P.O.- FOSFORUS PERINGKAT BERANAK AKTIF	K.O KALIAM PERINGKAT BERANAK AKTIF	NITROGEN PERINGKAT PEMBENTUKAN TANGKAI	P.O.- FOSFORUS PERINGKAT PEMBENTUKAN TANGKAI	K.O KALIAM PERINGKAT PEMBENTUKAN TANGKAI	NITROGEN PERINGKAT TERBIT DAN BERBUNGA	P.O.- FOSFORUS PERINGKAT TERBIT DAN BERBUNGA	K.O KALIAM PERINGKAT TERBIT DAN BERBUNGA
KADAR PENGESYORAN PEMBAJAJAN LESTARI	5	5	5	29.50	54.30	37.00	66.30	54.30	37.00	107.70	72.80	72.00	125.40	74.30	84.50
PERLIS	-	-	-	20.41	23.97	11.98	20.41	23.97	11.98	7.685	50.97	49.43	93.54	53.91	73.97
KEDAH	-	-	-	29.48	34.68	17.34	29.48	34.68	17.34	10.216	59.87	65.55	117.97	62.66	88.80
PERAK	-	-	-	52.05	57.90	38.40	52.05	57.90	38.40	10.165	82.62	73.37	112.78	84.58	89.73
N.SEMBILAN	-	-	-	13.60	16.00	8.00	13.60	16.00	8.00	4.966	39.36	46.03	58.10	40.85	58.45
MEJAKA	-	-	-	22.65	26.65	13.32	22.65	26.65	13.32	6.017	48.78	46.47	68.04	50.17	58.05
JOHOR	-	-	-	42.33	49.80	24.90	42.33	49.80	24.90	12.691	90.01	72.17	149.88	94.06	105.90
PAHANG	-	-	-	25.83	30.39	15.19	25.83	30.39	15.19	7.024	59.83	61.44	82.11	61.92	78.89
TERENGGANU	-	-	-	28.59	33.63	46.00	28.59	33.63	46.00	10.291	77.46	115.31	123.10	83.00	144.71
KELANTAN	-	-	-	27.36	77.19	47.10	27.36	77.19	47.10	8.005	104.05	85.68	91.18	106.01	102.05
SARAWAK	-	-	-	20.67	23.56	45.76	20.67	23.56	45.76	7.313	46.36	74.85	86.58	48.73	94.63
PURATA	-	-	-	28.30	37.38	26.80	28.30	37.38	26.80	84.38	65.93	69.03	98.33	68.59	89.52

**JADUAL C17 (J) : PURATA KADAR NUTRIEN UTAMA  
DI KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2020/2021**

JELAPANG PADI	BILANGAN DIANALISIS	PURATA KADAR NUTRIEN UTAMA (KG/HA)			PURATA HASIL (KG/HA)
		N NITROGEN	P <sub>2</sub> O <sub>5</sub> FOSFORUS	K <sub>2</sub> O KALIUM	
(1)	(2)	(3)	(4)	(4)	(5)
MADA	675	99.53	37.56	64.99	3,921
KADA	272	91.64	43.44	46.93	5,141
BARAT LAUT	77	81.12	33.56	22.49	4,790
KERIAN	156	108.31	39.88	59.38	3,893
P. PINANG	92	95.28	39.75	47.81	5,716
SEBERANG PERAK	79	97.92	39.28	57.30	2,644
KETARA	61	88.76	35.79	47.00	5,407
KEMASIN SEMERAK	51	208.50	108.03	114.64	3,765
ROMPIN	54	103.47	52.59	62.00	5,133
PEKAN	35	74.83	42.83	49.37	3,482
<b>SEM. MALAYSIA</b>	<b>155.20</b>	<b>104.94</b>	<b>47.27</b>	<b>57.19</b>	<b>4,208</b>
<b>KADAR NUTRIEN BERDASARKAN BAJA SUBSIDI</b>		<b>104.3</b>	<b>41.7</b>	<b>61.5</b>	<b>(Pantai Barat)</b>
<b>KADAR PENGESYORAN PEMBAJAJAN LESTARI</b>		<b>103.1</b>	<b>52.5</b>	<b>61.5</b>	<b>(Pantai Timur)</b>
		<b>120</b>	<b>70</b>	<b>80</b>	

**JADUAL C17 (2): PURATA KADAR NUTRIEN UTAMA  
DI KAWASAN LUAR JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2019/2020.**

JELAPANG PADI (1)	BILANGAN DIANALISIS (2)	PURATA KADAR NUTRIEN UTAMA (KG/HA)			PURATA HASIL (KG/HA) (6)
		N NITROGEN (3)	P <sub>2</sub> O <sub>5</sub> FOSFORUS (4)	K <sub>2</sub> O KALIUM (5)	
PERLIS	69	112.35	53.90	73.91	3,071
KEDAH	165	84.10	54.05	67.04	4,437
PERAK	51	108.58	65.76	63.39	3,818
N.SEMBILAN	18	104.11	40.85	58.45	3,119
MELAKA	39	102.48	50.17	58.06	2,888
JOHOR	27	165.71	75.35	77.93	3,245
PAHANG	39	119.44	61.92	78.90	3,613
TERENGGANU	84	132.71	65.22	82.34	2,248
KELANTAN	147	120.13	58.36	56.46	3,466
SARAWAK	346	84.76	40.42	43.54	1,775
<b>MALAYSIA</b>	<b>98.50</b>	<b>116.62</b>	<b>58.40</b>	<b>68.50</b>	<b>2,612</b>
<b>KADAR NUTRIEN BERDASARKAN BAJA SUBSIDI</b>		<b>104.3</b>	<b>41.7</b>	<b>61.5</b>	<b>(Pantai Barat)</b>
<b>KADAR PENGESYORAN PEMBAJAJAN LESTARI</b>		<b>103.1</b>	<b>52.5</b>	<b>61.5</b>	<b>(Pantai Timur)</b>
		<b>120</b>	<b>70</b>	<b>80</b>	

**JADUAL D1: SAMBUTAN UJIAN PENGERINGAN MENGIKUT NEGERI DAN  
STESEN PENGERINGAN, MALAYSIA, MUSIM UTAMA 2020/2021**

*Table D1: Response of driage tests by state and  
driage station, Malaysia, Main Season 2020/2021*

NEGERI DAN STESEN <i>State and station</i>	BILANGAN SAMPEL DIRANCANG <i>Number of samples planned</i>	BILANGAN SAMPEL TIDAK BERTANAM/BUKAN LOT PADI/ TIADA SAMBUTAN DAN LAIN-LAIN <i>Number of samples not planted/ not paddy lot/non-response etc.</i>	BILANGAN SAMPEL DIANALISIS <i>Number of samples analysed</i>	
			BILANGAN Number	%
(1)	(2)	(3)	(4)	(5)
<b>JOHOR</b>				
1. Ayer Hitam	18	0	18	100.0
<b>KEDAH (L/MADA)</b>				
2. Teluk Chengai	108	0	108	100.0
<b>KELANTAN</b>				
3. Lundang	250	30	220	88.0
<b>MELAKA</b>				
4. Pulau Gadong	26	0	26	100.0
<b>N. SEMBILAN</b>				
5. Sendayan	20	6	14	70.0
<b>PAHANG</b>				
6. Bukit Ubi	82	2	80	97.6
<b>PERAK</b>				
7. Titi Gantung	186	0	186	100.0
<b>PERLIS</b>				
8. Bukit Temiang	46	0	46	100.0
<b>PULAU PINANG</b>				
9. Bumbung Lima	70	2	68	97.1
<b>SELANGOR</b>				
10. Sungai Burung	108	0	108	100.0
<b>TERENGGANU</b>				
11. Ajil	98	5	93	94.9
<b>MADA</b>				
12. Ampang Jajar	160	0	160	100.0
<b>SEM. MALAYSIA</b> <i>Pen. Malaysia</i>	1,172	45	1,127	96.2
<b>SABAH</b>	157	11	146	93.0
<b>SARAWAK</b>	473	258	215	45.5
<b>MALAYSIA</b>	1,802	314	1,488	82.6

JADUAL D2: UJIAN PENGERINGAN - BERAT SAMPEL PADI BASAH, PADI KERING DAN PADI BERSIH  
 MENGIKUT NEGERI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2020/2021  
 Table D2: Driage test - Sample weight of wet paddy, dried paddy and cleaned paddy  
 by state, Peninsular Malaysia, Main Season 2020/2021

NEGERI State	BERAT SAMPEL PADI BASAH Sample weight of wet paddy		PURATA BERAT PADI KERING SEKITAR 14 % KWB (KG/SAMPEL) Average weight of dried paddy at around 14% MC (kg/sample)		PURATA BERAT PADI BERSIH (KG/SAMPEL) Average weight of cleaned paddy (kg/sample)		PERATUS HAMPA (DISTESEN) Percentage of unfilled grain (at station)	
	SAMPEL sample (KG)	% KWB % MC	(2)	(3)	(4)	(5)		(6)
JOHOR	1.000	23.9	0.892	0.804	13.7	0.807	8.8	
KEDAH	1.000	21.3	0.888	0.758	11.6	0.779	13.0	
KELANTAN	1.000	24.4	0.889	0.800	11.5	0.823	8.9	
MELAKA	1.000	20.3	0.881	0.692	9.7	0.717	18.9	
N. SEMBILAN	1.000	28.5	0.838	0.738	12.2	0.755	10.0	
PAHANG	1.000	17.8	0.901	0.821	12.7	0.833	8.0	
PERAK	1.000	24.7	0.842	0.663	11.3	0.684	17.9	
PERLIS	1.000	20.8	0.889	0.773	12.6	0.786	11.6	
P. PINANG	1.000	24.2	0.868	0.797	11.6	0.819	7.1	
SELANGOR	1.000	23.4	0.837	0.749	10.0	0.784	8.8	
TERENGGANU	1.000	28.9	0.846	0.692	11.9	0.710	15.4	
SEM. MALAYSIA Pen. Malaysia	1.000	23.3	0.871	0.751	11.6	0.772	12.0	
SABAH	1.000	17.4	0.909	0.825	12.2	0.841	8.4	
SARAWAK	1.000	15.4	0.986	0.895	13.3	0.902	9.1	

Catatan:  
Notes: KWB Kelembapan Wap Basah  
MC Moisture Content

**JADUAL D3: UJIAN PENGERINGAN - BERAT SAMPEL PADI BASAH, PADI KERING DAN PADI BERSIH**  
**MENGIKUT KAWASAN JELAPANG PADI, MALAYSIA, MUSIM UTAMA 2020/2021**  
**Table D3: Driage tests - Sample weights of wet paddy, dried paddy and cleaned paddy**  
**by granary area, Malaysia, Main Season 2020/2021**

JELAPANG PADI Granary area	BERAT SAMPEL PADI BASAH Sample weight of wet paddy		PURATA BERAT PADI KERING SEKITAR 14 % KWB (KG/SAMPEL) Average weight of dried paddy at around 14% MC (kg/sample)	PURATA BERAT PADI BERSIH (KG/SAMPEL) Average weight of cleaned paddy (kg/sample)			PERATUS HAMPA (DISTESEN) Percentage of unfiled grain (at station)
	SAMPEL Sample (KG)	% KWB % MC		SEKITAR 14 % KWB Around 14% MC	% KWB % MC	DISESUAIKAN TEPAT 14 % KWB Converted to exact 14% MC	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
MADA	1.000	21.9	0.896	0.759	11.7	0.779	13.7
KADA	1.000	24.0	0.888	0.820	11.6	0.842	6.8
IADA KERIAN	1.000	24.4	0.851	0.735	11.6	0.756	11.6
IADA BLS	1.000	23.4	0.837	0.749	10.0	0.784	8.8
IADA P. PINANG	1.000	24.2	0.868	0.797	11.6	0.819	7.1
IADA SEB PERAK	1.000	25.7	0.827	0.592	11.1	0.611	23.5
IADA KETARA	1.000	28.0	0.850	0.747	11.3	0.770	10.3
IADA KEM SEMERAK	1.000	29.4	0.843	0.784	10.8	0.813	5.9
IADA PEKAN	1.000	18.6	0.875	0.779	12.2	0.795	9.6
IADA ROMPIN	1.000	17.3	0.930	0.895	13.3	0.903	3.5
IADA KOTA BELUD	1.000	16.3	0.916	0.880	12.7	0.894	3.6
IADA BATANG LUPAR	1.000	14.6	0.899	0.782	14.1	0.782	11.7
KESELURUHAN Overall	1.000	23.0	0.871	0.765	11.6	0.786	10.6

Catatan: KWB Kelembapan Wap Basah  
Notes: M/C Moisture Content

**JADUAL D4: UJIAN PENERANGAN - BERAT SAMPEL PADI BASAH, PADI KERING DAN PADI BERSIH  
MENGIKUT VARIETI PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2020/2021**  
*Table D4: Driage tests - Sample weights of wet paddy, dried paddy and cleaned paddy  
by paddy variety, Peninsular Malaysia, Main Season 2020/2021*

VARIETI PADI <i>Paddy variety</i>	BERAT SAMPEL PADI BASAH <i>Sample weight of wet paddy</i>		PURATA BERAT PADI KERING SEKITAR 14 % KWB (KG/SAMPEL) <i>Average weight of dried paddy at around 14% MC (kg/sample)</i>	PURATA BERAT PADI BERSIH (KG/SAMPEL) <i>Average weight of cleaned paddy (kg/sample)</i>		PERATUS HAMPA (DI STESEN) <i>Percentage of unfilled grain (at station)</i>	
	SAMPEL sample (KG)	% KWB % MC		SEKITAR 14 % KWB Around 14% MC	% KWB % MC		DISESUIKAIKAN TEPAT 14 % KWB Converted to exact 14% MC
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
MR 219	1.000	25.2	0.859	0.713	11.4	0.734	14.6
MR 220	1.000	20.7	0.904	0.816	12.6	0.829	8.8
NMR 152	1.000	22.2	0.901	0.805	12.5	0.819	9.6
MR 220 CL2	1.000	21.3	0.881	0.762	11.5	0.783	11.9
MR 263	1.000	22.9	0.860	0.757	11.5	0.779	10.3
UKMRC-2	1.000	21.2	0.907	0.807	11.8	0.826	10.0
MRQ 76	1.000	18.7	0.923	0.881	11.4	0.907	4.2
MR 269	1.000	23.6	0.856	0.740	11.5	0.761	11.6
MR 297	1.000	22.7	0.879	0.774	11.5	0.797	10.5
UKMRC-8	1.000	21.9	0.910	0.817	12.5	0.831	9.3
SEBERNAS 307	1.000	25.7	0.864	0.753	12.9	0.762	11.1
SEMPADAN 303	1.000	24.3	0.866	0.750	11.9	0.768	11.6
HYBRID	1.000	26.1	0.822	0.745	10.9	0.771	7.7

Catatan: **KWB** Kelembapan Wap Basah  
Notes: **MC** Moisture Content

**JADUAL D5: FAKTOR PENUKARAN DARIPADA PURATA HASIL PADI BASAH KEPADA  
PURATA HASIL PADI KERING DAN PURATA HASIL PADI BERSIH MENGIKUT KELAS PADI,  
SEMENANJUNG MALAYSIA, MUSIM UTAMA 2020/2021**

*Table D5: Conversion factor from average yield of wet paddy to  
average yield of dried paddy and average yield of cleaned paddy by paddy class,  
Peninsular Malaysia, Main Season 2020/2021*

<b>KELAS PADI</b> <i>Paddy class</i>	<b>FAKTOR PADI KERING</b> <i>Factor for dried paddy</i>	<b>FAKTOR PADI BERSIH</b> <i>Factor for cleaned paddy</i>
(1)	(2)	(3)
(i) Semenanjung Malaysia <i>Peninsular Malaysia</i>		
a. Kelas Panjang <i>Long grain</i>	0.871	0.772
b. Kelas Sederhana <i>Medium grain</i>	-	-
(ii) Kawasan Jelapang Padi <i>Granary area</i>		
a. Kelas Panjang <i>Long grain</i>	0.871	0.786
b. Kelas Sederhana <i>Medium grain</i>	-	-

LAMPIRAN 1  
Appendix

KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH  
DAN PADI HUMA (TANAH TINGGI DAN TANAH RENDAH) MENGIKUT NEGERI , MALAYSIA, MUSIM UTAMA 2020/2021  
*Planted area, average yield of cleaned paddy and Paddy Production of Wetland Paddy  
and Dryland Paddy (upland and lowland) by State, MALAYSIA, Main Season 2020/2021*

NEGERI State	PADI KESELURUHAN Overall Paddy			PADI SAWAH Wetland Paddy			PADI HUMA Dryland Paddy		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
JOHOR	1,475	3,245	4,786	1,475	3,245	4,786	-	-	-
KEDAH	107,592	4,239	456,082	107,592	4,239	456,082	-	-	-
KELANTAN	40,333	4,523	182,426	40,333	4,523	182,426	-	-	-
MELAKA	1,731	2,888	4,999	1,731	2,888	4,999	-	-	-
N.SEMBILAN	877	3,119	2,735	877	3,119	2,735	-	-	-
PAHANG	8,720	3,939	34,348	8,720	3,939	34,348	-	-	-
PERAK	37,592	3,370	126,685	37,592	3,370	126,685	-	-	-
PERLIS	30,239	3,772	114,062	30,239	3,772	114,062	-	-	-
P.PINANG	12,105	5,716	69,192	12,105	5,716	69,192	-	-	-
SELANGOR	17,960	4,790	86,028	17,960	4,790	86,028	-	-	-
TERENGGANU	10,503	3,518	36,950	10,503	3,518	36,950	-	-	-
SEM. MALAYSIA <i>Pen. Malaysia</i>	269,127	4,155	1,118,293	269,127	4,155	1,118,293	-	-	-
SABAH	29,364	2,652	77,877	15,631	3,362	52,140	13,733	1,874	25,737
SARAWAK	82,885	1,790	148,365	44,805	2,679	120,044	38,080	744	28,321
MALAYSIA	381,376	3,525	1,344,535	329,563	3,916	1,290,477	51,813	1,043	54,058

LAMPIRAN 2  
Appendix

KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN  
KESELURUHAN PADI (PADI SAWAH DAN PADI HUMA) MENGIKUT NEGERI DAN MUSIM, MALAYSIA, 2020  
*Planted area, average yield of cleaned paddy and overall  
paddy production (Wetland Paddy and Dryland Paddy) by state and season, Malaysia, 2020*

NEGERI State	SEMUA MUSIM 2020 All Seasons 2018			MUSIM UTAMA 2019/2020 Main Season 2017/2018			LUAR MUSIM 2020 Off Season 2018		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Paddy	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Paddy	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
JOHOR	2,547	2,945	7,502	1,445	3,180	4,595	1,102	2,638	2,907
KEDAH	214,328	4,265	914,200	107,506	4,242	456,040	106,822	4,289	458,160
KELANTAN	73,717	4,147	305,675	39,868	4,024	160,429	33,849	4,291	145,246
MELAKA	3,360	2,545	8,550	1,731	2,599	4,499	1,629	2,487	4,051
N.SEMBILAN	1,989	4,496	8,942	1,152	4,596	5,295	837	4,357	3,647
PAHANG	10,572	3,360	35,524	6,598	3,223	21,265	3,974	3,588	14,259
PERAK	76,201	3,050	232,437	38,418	2,968	114,025	37,783	3,134	118,412
PERLIS	51,598	3,940	203,275	25,792	3,650	94,141	25,806	4,229	109,134
P.PINANG	24,210	5,022	121,594	12,105	4,831	58,479	12,105	5,214	63,115
SELANGOR	36,004	4,431	159,535	18,115	4,357	78,927	17,889	4,506	80,608
TERENGGANU	19,071	3,866	73,723	9,927	3,964	39,351	9,144	3,759	34,372
SEM. MALAYSIA Pen. Malaysia	513,597	4,032	2,070,957	262,657	3,948	1,037,046	250,940	4,120	1,033,911
SABAH	40,446	2,914	117,846	30,384	2,772	84,239	10,062	3,340	33,607
SARAWAK	90,865	2,040	167,589	90,669	1,843	167,077	196	2,609	512
MALAYSIA	644,908	3,654	2,356,392	383,710	3,358	1,288,362	261,198	4,089	1,068,030

LAMPIRAN 3  
Appendix

KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN  
PADI SAWAH MENGIKUT NEGERI DAN MUSIM, MALAYSIA, 2020  
Planted area, average yield of cleaned paddy and production of  
Wetland Paddy by state and season, Malaysia, 2020

NEGERI State	SEMUA MUSIM 2020 All Seasons 2018			MUSIM UTAMA 2019/2020 Main Season 2017/2018			LUAR MUSIM 2020 Off Season 2018		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
JOHOR	2,547	2,945	7,502	1,445	3,180	4,595	1,102	2,638	2,907
KEDAH	214,328	4,265	914,200	107,506	4,242	456,040	106,822	4,289	458,160
KELANTAN	73,717	4,147	305,675	39,868	4,024	160,429	33,849	4,291	145,246
MELAKA	3,360	2,545	8,550	1,731	2,599	4,499	1,629	2,487	4,051
N.SEMBILAN	1,989	4,496	8,942	1,152	4,596	5,295	837	4,357	3,647
PAHANG	10,572	3,360	35,524	6,598	3,223	21,265	3,974	3,588	14,259
PERAK	76,201	3,050	232,437	38,418	2,968	114,025	37,783	3,134	118,412
PERLIS	51,598	3,940	203,275	25,792	3,650	94,141	25,806	4,229	109,134
P.PINANG	24,210	5,022	121,594	12,105	4,831	58,479	12,105	5,214	63,115
SERANGOR	36,004	4,431	159,535	18,115	4,357	78,927	17,889	4,506	80,608
TERENGGANU	19,071	3,866	73,723	9,927	3,964	39,351	9,144	3,759	34,372
SEM. MALAYSIA <i>Pen. Malaysia</i>	513,597	4,032	2,070,957	262,657	3,948	1,037,046	250,940	4,120	1,033,911
SABAH	27,559	3,394	93,527	17,487	3,425	59,920	10,062	3,340	33,607
SARAWAK	49,783	2,986	201,413	49,587	2,731	135,410	196	2,609	512
MALAYSIA	590,939	4,004	2,365,897	329,741	3,737	1,232,376	261,198	4,089	1,068,030

LAMPIRAN 4  
Appendix

KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN  
PADI HUMA (TANAH TINGGI DAN TANAH RENDAH) MENGIKUT NEGERI DAN MUSIM, MALAYSIA, 2020  
*Planted area, average yield of cleaned paddy and production of  
Dryland Paddy (upland and lowland) by state and season, Malaysia, 2020*

NEGERI State	SEMUA MUSIM 2020 All Seasons 2018			MUSIM UTAMA 2019/2020 Main Season 2017/2018			LUAR MUSIM 2020 Off Season 2018		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
JOHOR	-	-	-	-	-	-	-	-	-
KEDAH	-	-	-	-	-	-	-	-	-
KELANTAN	-	-	-	-	-	-	-	-	-
MELAKA	-	-	-	-	-	-	-	-	-
N.SEMBILAN	-	-	-	-	-	-	-	-	-
PAHANG	-	-	-	-	-	-	-	-	-
PERAK	-	-	-	-	-	-	-	-	-
PERLIS	-	-	-	-	-	-	-	-	-
P.PINANG	-	-	-	-	-	-	-	-	-
SELANGOR	-	-	-	-	-	-	-	-	-
TERENGGANU	-	-	-	-	-	-	-	-	-
SEM. MALAYSIA <i>Pen. Malaysia</i>	-	-	-	-	-	-	-	-	-
SABAH	12,887	1,887	24,319	12,887	1,887	24,319	-	-	-
SARAWAK	41,082	771	31,667	41,082	771	31,667	-	-	-
MALAYSIA	53,969	1,037	55,986	53,969	1,037	55,986	-	-	-

LAMPIRAN 5  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN KESELURUHAN PADI (PADI SAWAH DAN PADI HUMA), MALAYSIA, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and overall paddy production (Wetland Paddy and Dryland Paddy), Malaysia, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	687,940	3,748	2,578,519	421,269	3,356	1,413,962	266,671	4,367	1,164,557
2012	684,545	3,797	2,599,382	430,182	3,386	1,456,520	254,363	4,493	1,142,862
2013	671,679	3,876	2,603,654	425,360	3,367	1,432,116	246,319	4,756	1,171,538
2014	679,315	4,194	2,848,852	416,261	3,796	1,580,256	263,054	4,823	1,268,596
2015	681,559	4,022	2,741,404	415,628	3,580	1,488,034	265,931	4,702	1,250,478
2016	688,770	3,978	2,739,606	426,089	3,686	1,570,706	262,681	4,450	1,168,900
2017	685,548	3,748	2,570,513	419,622	3,448	1,446,648	265,926	4,226	1,123,865
2018	699,980	3,770	2,639,202	436,054	3,511	1,531,034	263,926	4,199	1,108,168
2019	672,084	3,501	2,352,870	411,034	3,305	1,358,511	261,050	3,809	994,359
2020	644,908	3,654	2,356,392	383,710	3,358	1,288,362	261,198	4,089	1,068,030
2021	-	-	-	381,376	3,525	1,344,535	-	-	-

LAMPIRAN 6  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI SAWAH, MALAYSIA, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and production of Wetland Paddy, Malaysia, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	617,028	4,077	2,515,689	350,357	3,856	1,351,132	266,671	4,367	1,164,557
2012	613,801	4,136	2,538,574	359,438	3,883	1,395,712	254,363	4,493	1,142,862
2013	603,904	4,210	2,542,517	357,585	3,834	1,370,979	246,319	4,756	1,171,538
2014	615,783	4,521	2,784,208	352,729	4,297	1,515,612	263,054	4,823	1,268,596
2015	619,132	4,345	2,689,821	353,201	4,026	1,422,095	265,931	4,702	1,250,478
2016	620,374	4,297	2,665,547	357,693	4,184	1,496,647	262,681	4,450	1,168,900
2017	620,075	4,037	2,503,109	354,149	3,895	1,379,244	265,926	4,226	1,123,865
2018	629,270	4,101	2,580,924	365,344	4,031	1,472,756	263,926	4,199	1,108,168
2019	609,614	3,768	2,296,759	348,564	3,736	1,302,400	261,050	3,809	994,359
2020	590,939	3,893	2,300,406	329,741	3,737	1,232,376	261,198	4,089	1,068,030
2021	-	-	-	329,563	3,916	1,290,477	-	-	-

LAMPIRAN 7  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN  
PADI HUMA (TANAH TINGGI DAN TANAH RENDAH), MALAYSIA, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy and production of  
Dryland Paddy (upland and lowland), Malaysia, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons				MUSIM UTAMA Main Season			LUAR MUSIM Off Season				
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	70,912	886	62,830	70,912	886	62,830	70,912	886	62,830	-	-	-
2012	70,744	860	60,808	70,744	860	60,808	70,744	860	60,808	-	-	-
2013	67,775	902	61,137	67,775	902	61,137	67,775	902	61,137	-	-	-
2014	63,532	961	61,067	63,532	961	61,067	63,532	961	61,067	-	-	-
2015	62,427	826	51,584	62,427	826	51,584	62,427	826	51,584	-	-	-
2016	68,395	905	61,874	68,395	905	61,874	68,395	905	61,874	-	-	-
2017	65,473	946	61,966	65,473	946	61,966	65,473	946	61,966	-	-	-
2018	70,710	882	62,364	70,710	882	62,364	70,710	882	62,364	-	-	-
2019	62,470	898	56,111	62,470	898	56,111	62,470	898	56,111	-	-	-
2020	53,969	1,037	55,986	53,969	1,037	55,986	53,969	1,037	55,986	-	-	-
2021	51,813	1,043	54,058	51,813	1,043	54,058	51,813	1,043	54,058	-	-	-

**LAMPIRAN 8**  
**Appendix**

**DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN  
PADI HUMA (TANAH TINGGI DAN TANAH RENDAH), SABAH, 2011 - 2021**

*Time series data - Planted area, average yield of cleaned paddy and production of  
Dryland Paddy (upland and lowland), Sabah, 2011 - 2021*

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	6,710	2,285	15,328	6,710	2,285	15,328	-	-	-
2012	6,926	1,897	13,142	6,926	1,897	13,142	-	-	-
2013	5,954	2,277	13,554	5,954	2,277	13,554	-	-	-
2014	6,434	2,762	17,771	6,434	2,762	17,771	-	-	-
2015	6,105	1,509	9,214	6,105	1,509	9,214	-	-	-
2016	11,388	1,735	19,762	11,388	1,735	19,762	-	-	-
2017	12,202	1,845	22,512	12,202	1,845	22,512	-	-	-
2018	11,744	1,447	16,989	11,744	1,447	16,989	-	-	-
2019	14,274	1,385	19,802	14,274	1,385	19,802	-	-	-
2020	12,887	1,887	24,319	12,887	1,887	24,319	-	-	-
2021	13,733	1,874	25,737	13,733	1,874	25,737	-	-	-

**LAMPIRAN 9**  
**Appendix**

**DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI HUMA (TANAH TINGGI DAN TANAH RENDAH), SARAWAK, 2011 - 2021**  
*Time series data - Planted area, average yield of cleaned paddy and production of Dryland Paddy (upland and lowland), Sarawak, 2011 - 2021*

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	64,202	740	47,502	64,202	740	47,502	-	-	-
2012	63,818	747	47,666	63,818	747	47,666	-	-	-
2013	61,821	770	47,583	61,821	770	47,583	-	-	-
2014	57,098	758	43,296	57,098	758	43,296	-	-	-
2015	56,322	752	42,370	56,322	752	42,370	-	-	-
2016	57,007	739	42,112	57,007	739	42,112	-	-	-
2017	53,271	741	39,454	53,271	741	39,454	-	-	-
2018	58,966	770	45,375	58,966	770	45,375	-	-	-
2019	48,196	753	36,309	48,196	753	36,309	-	-	-
2020	41,082	771	31,667	41,082	771	31,667	-	-	-
2021	38,080	744	28,321	38,080	744	28,321	-	-	-

**LAMPIRAN 10**  
**Appendix**

**DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI**  
**UNTUK KESELURUHAN KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, 2011 - 2021**  
*Time series data - Planted area, average yield of cleaned paddy and paddy production*  
*for overall granary area, Peninsular Malaysia, 2011 - 2021*

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	389,544	4,773	1,859,362	194,785	4,639	903,674	194,759	4,907	955,688
2012	381,553	4,866	1,856,476	197,158	4,631	913,110	184,395	5,116	943,366
2013	369,273	5,002	1,847,208	191,867	4,676	897,137	177,406	5,355	950,071
2014	400,733	5,212	2,088,449	202,877	5,171	1,049,157	197,856	5,253	1,039,292
2015	406,048	4,864	1,974,994	204,178	4,687	957,084	201,870	5,042	1,017,910
2016	417,007	4,941	2,060,318	210,840	5,021	1,058,573	206,167	4,859	1,001,745
2017	426,249	4,496	1,916,290	216,684	4,423	958,384	209,565	4,571	957,906
2018	426,046	4,682	1,994,805	217,880	4,734	1,031,523	208,166	4,627	963,282
2019	422,066	4,420	1,865,346	216,235	4,309	931,652	205,831	4,536	933,694
2020	416,342	4,415	1,837,970	210,462	4,326	910,489	205,880	4,505	927,481
2021	-	-	-	210,947	4,185	882,770	-	-	-

LAMPIRAN 11  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI UNTUK KAWASAN JELAPANG PADI, MADA, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and paddy production for granary area, MADA, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	193,020	4,955	956,417	96,494	4,871	470,022	96,526	5,039	486,395
2012	191,843	4,843	929,070	95,950	4,390	421,221	95,893	5,296	507,849
2013	187,413	5,026	941,889	92,047	4,466	411,082	95,366	5,566	530,807
2014	190,127	5,539	1,053,116	94,779	5,536	524,697	95,348	5,542	528,419
2015	191,853	4,884	936,995	95,349	4,480	427,164	96,504	5,283	509,831
2016	201,239	5,284	1,063,247	100,636	5,307	534,075	100,603	5,260	529,172
2017	201,259	4,841	974,387	100,651	4,643	467,323	100,608	5,040	507,064
2018	201,324	5,111	1,028,867	100,659	5,059	509,234	100,665	5,162	519,633
2019	201,338	4,933	993,206	100,658	4,685	471,583	100,680	5,181	521,623
2020	201,306	4,833	972,915	100,629	4,754	478,390	100,677	4,912	494,525
2021	-	-	-	100,671	3,921	394,731	-	-	-

LAMPIRAN 12  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI UNTUK KAWASAN JELAPANG PADI, KADA, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and paddy production for granary area, KADA, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	53,024	4,096	217,210	25,447	4,098	104,282	27,577	4,095	112,928
2012	45,855	4,196	192,399	27,450	4,543	124,705	18,405	3,678	67,694
2013	38,641	4,136	159,800	26,279	4,267	112,132	12,362	3,856	47,668
2014	50,268	4,297	216,000	25,129	4,406	110,718	25,139	4,188	105,282
2015	51,675	4,442	229,515	25,332	4,597	116,451	26,343	4,292	113,064
2016	53,836	4,610	248,172	26,985	4,722	127,423	26,851	4,497	120,749
2017	54,067	4,448	240,490	27,268	4,791	130,641	26,799	4,099	109,849
2018	53,710	4,695	252,149	27,200	5,512	149,926	26,510	3,856	102,223
2019	50,348	4,032	203,011	25,961	3,882	100,781	24,387	4,192	102,230
2020	52,164	4,621	241,036	25,916	4,584	118,799	26,248	4,657	122,237
2021	-	-	-	26,300	5,141	135,208	-	-	-

LAMPIRAN 13  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI UNTUK KAWASAN JELAPANG PADI, IADA KERIAN, 2011 - 2021  
*Time series data - Planted area, average yield of cleaned paddy  
and paddy production for granary area, IADA KERIAN, 2011 - 2021*

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	53,188	3,686	196,051	26,594	3,256	86,590	26,594	4,116	109,461
2012	53,158	4,380	232,836	26,564	4,243	112,711	26,594	4,517	120,125
2013	41,955	4,495	188,586	20,983	4,335	90,961	20,972	4,655	97,625
2014	41,944	4,514	189,356	20,972	4,396	92,193	20,972	4,633	97,163
2015	41,944	4,508	189,063	20,972	4,500	94,374	20,972	4,515	94,689
2016	41,788	3,949	165,027	20,839	4,089	85,211	20,949	3,810	79,816
2017	41,898	4,087	171,237	20,949	4,066	85,179	20,949	4,108	86,058
2018	41,898	3,957	165,790	20,949	4,036	84,550	20,949	3,878	81,240
2019	41,898	3,584	150,162	20,949	3,802	79,648	20,949	3,366	70,514
2020	38,578	3,223	124,333	19,336	3,175	61,392	19,242	3,271	62,941
2021	-	-	-	18,497	3,893	72,009	-	-	-

LAMPIRAN 14  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI UNTUK KAWASAN JELAPANG PADI, IADA BLS, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and paddy production for granary area, IADA BLS, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	37,460	5,908	221,295	18,729	5,763	107,935	18,731	6,052	113,360
2012	37,835	5,989	226,580	18,901	5,825	110,098	18,934	6,152	116,482
2013	37,833	6,280	237,594	18,899	6,198	117,136	18,934	6,362	120,458
2014	37,842	6,403	242,320	18,925	6,247	118,224	18,917	6,560	124,096
2015	38,114	6,305	240,290	19,057	6,117	116,572	19,057	6,492	123,718
2016	38,114	5,825	222,033	19,057	6,096	116,171	19,057	5,555	105,862
2017	36,708	4,510	165,571	18,354	4,617	84,740	18,354	4,404	80,831
2018	36,868	4,731	174,432	18,354	4,559	83,676	18,514	4,902	90,756
2019	36,602	4,756	174,088	18,450	4,847	89,427	18,152	4,664	84,661
2020	36,004	4,431	159,535	18,115	4,357	78,927	17,889	4,506	80,608
2021	-	-	-	17,960	4,790	86,028	-	-	-

**LAMPIRAN 15**  
**Appendix**

**DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH**  
**DAN PENGELUARAN PADI UNTUK KAWASAN JELAPANG PADI, IADA P. Pinang, 2011 - 2021**  
*Time series data - Planted area, average yield of cleaned paddy*  
*and paddy production for granary area, IADA P. Pinang, 2011 - 2021*

TAHUN Year	SEMUA MUSIM <i>All Seasons</i>			MUSIM UTAMA <i>Main Season</i>			LUAR MUSIM <i>Off Season</i>		
	KELUASAN BERTANAM (HEKTAR) <i>Planted Area (Hectare)</i>	PURATA HASIL PADI BERSIH (KG/HEKTAR) <i>Average Yield of Cleaned Paddy (Kg/Hectare)</i>	PENGELUARAN PADI (TAN METRIK) <i>Paddy Production (Metric Tonne)</i>	KELUASAN BERTANAM (HEKTAR) <i>Planted Area (Hectare)</i>	PURATA HASIL PADI BERSIH (KG/HEKTAR) <i>Average Yield of Cleaned Paddy (Kg/Hectare)</i>	PENGELUARAN PADI (TAN METRIK) <i>Paddy Production (Metric Tonne)</i>	KELUASAN BERTANAM (HEKTAR) <i>Planted Area (Hectare)</i>	PURATA HASIL PADI BERSIH (KG/HEKTAR) <i>Average Yield of Cleaned Paddy (Kg/Hectare)</i>	PENGELUARAN PADI (TAN METRIK) <i>Paddy Production (Metric Tonne)</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	20,610	5,728	118,054	10,305	5,543	57,121	10,305	5,913	60,933
2012	20,610	5,621	115,839	10,305	5,429	55,946	10,305	5,812	59,893
2013	20,610	5,841	120,383	10,305	5,818	59,954	10,305	5,864	60,429
2014	25,564	5,872	150,112	12,782	5,692	72,755	12,782	6,052	77,357
2015	25,564	5,866	149,971	12,782	5,774	73,803	12,782	5,959	76,168
2016	25,564	5,801	148,297	12,782	5,827	74,481	12,782	5,775	73,816
2017	25,564	5,737	146,660	12,782	5,827	74,864	12,782	5,617	71,796
2018	25,564	5,228	133,636	12,782	5,027	64,255	12,782	5,428	69,381
2019	25,564	5,012	128,127	12,782	5,089	65,048	12,782	4,935	63,079
2020	24,210	5,022	121,594	12,105	4,831	58,479	12,105	5,214	63,115
2021	-	-	-	12,105	5,716	69,192	-	-	-

LAMPIRAN 16  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI UNTUK KAWASAN JELAPANG PADI, IADA SEBERANG PERAK, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and paddy production for granary area, IADA Seberang Perak, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	16,466	4,592	75,612	8,233	4,390	36,143	8,233	4,794	39,469
2012	16,465	4,948	81,461	8,232	5,021	41,333	8,233	4,874	40,128
2013	27,686	4,552	126,027	13,843	4,491	62,169	13,843	4,613	63,858
2014	27,594	4,484	123,733	13,803	4,634	63,963	13,791	4,334	59,770
2015	27,697	3,956	109,572	13,831	3,888	53,775	13,866	4,024	55,797
2016	27,723	3,729	103,388	13,854	4,067	56,344	13,869	3,392	47,044
2017	27,735	3,180	88,198	13,866	2,880	39,934	13,869	3,480	48,264
2018	27,735	3,417	94,784	13,866	3,499	48,517	13,869	3,336	46,267
2019	27,334	2,923	79,884	13,667	3,157	43,147	13,667	2,688	36,737
2020	26,296	2,774	72,958	13,148	2,526	33,212	13,148	3,023	39,746
2021	-	-	-	13,148	2,644	34,763	-	-	-

LAMPIRAN 17  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI UNTUK KAWASAN JELAPANG PADI, IADA KETARA, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and paddy production for granary area, IADA KETARA, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	9,799	5,834	57,163	4,876	6,032	29,412	4,923	5,637	27,751
2012	9,799	5,604	54,910	4,923	5,735	28,233	4,876	5,471	26,677
2013	9,752	5,549	54,114	4,876	5,592	27,267	4,876	5,506	26,847
2014	9,752	5,738	55,956	4,876	5,996	29,236	4,876	5,480	26,720
2015	9,752	5,437	53,021	4,876	5,805	28,305	4,876	5,069	24,716
2016	9,752	5,623	54,836	4,876	6,003	29,271	4,876	5,243	25,565
2017	9,752	5,172	50,438	4,876	5,832	28,437	4,876	4,512	22,001
2018	9,752	5,349	52,164	4,876	5,889	28,715	4,876	4,809	23,449
2019	9,752	5,162	50,335	4,876	5,638	27,491	4,876	4,685	22,844
2020	9,752	5,407	52,729	4,876	5,759	28,081	4,876	5,055	24,648
2021	-	-	-	4,876	5,407	26,365	-	-	-

LAMPIRAN 18  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI UNTUK KAWASAN JELAPANG PADI, IADA KEMASIN SEMERAK, 2011 - 2021  
*Time series data - Planted area, average yield of cleaned paddy  
and paddy production for granary area, IADA Kemasin Semerak, 2011 - 2021*

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	5,977	2,938	17,560	4,107	2,963	12,169	1,870	2,883	5,391
2012	5,988	3,905	23,381	4,833	3,903	18,863	1,155	3,912	4,518
2013	5,383	3,495	18,815	4,635	3,546	16,436	748	3,180	2,379
2014	6,512	3,715	24,194	4,763	3,823	18,209	1,749	3,422	5,985
2015	7,468	3,781	28,236	4,835	3,874	18,731	2,633	3,610	9,505
2016	7,281	3,771	27,456	4,564	3,813	17,403	2,717	3,700	10,053
2017	7,129	3,779	26,938	4,572	3,538	16,176	2,557	4,209	10,762
2018	6,902	4,079	28,154	4,567	4,049	18,492	2,335	4,138	9,662
2019	7,564	3,733	28,233	4,642	3,845	17,848	2,922	3,554	10,385
2020	8,129	3,666	29,800	4,404	3,577	15,753	3,725	3,771	14,047
2021	-	-	-	4,497	3,765	16,931	-	-	-

**LAMPIRAN 19**  
**Appendix**

**DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH**  
**DAN PENGELUARAN PADI UNTUK KAWASAN JELAPANG PADI, IADA PEKAN, 2011 - 2021**  
*Time series data - Planted area, average yield of cleaned paddy*  
*and paddy production for granary area, IADA PEKAN, 2011 - 2021*

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	-	-	-	-	-	-	-	-	-
2012	-	-	-	-	-	-	-	-	-
2013	-	-	-	-	-	-	-	-	-
2014	6,030	2,671	16,107	4,323	2,338	10,107	1,707	3,515	6,000
2015	6,763	2,571	17,387	4,561	2,737	12,483	2,202	2,227	4,904
2016	6,541	2,052	13,425	4,612	2,276	10,497	1,929	1,518	2,928
2017	6,832	1,506	10,286	4,775	1,264	6,036	2,057	2,066	4,250
2018	6,429	2,673	17,183	4,846	2,643	12,808	1,583	2,764	4,375
2019	6,634	2,637	17,496	5,098	2,370	12,082	1,536	3,525	5,414
2020	4,764	2,707	12,897	3,675	2,494	9,165	1,089	3,427	3,732
2021	-	-	-	5,655	3,482	19,691	-	-	-

**LAMPIRAN 20**  
**Appendix**

**DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH**  
**DAN PENGELUARAN PADI UNTUK KAWASAN JELAPANG PADI, IADA ROMPIN, 2011 - 2021**  
*Time series data - Planted area, average yield of cleaned paddy*  
*and paddy production for granary area, IADA ROMPIN, 2011 - 2021*

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	-	-	-	-	-	-	-	-	-
2012	-	-	-	-	-	-	-	-	-
2013	-	-	-	-	-	-	-	-	-
2014	5,100	3,442	17,555	2,525	3,586	9,055	2,575	3,301	8,500
2015	5,218	4,014	20,944	2,583	5,972	15,426	2,635	2,094	5,518
2016	5,169	2,793	14,437	2,635	2,921	7,697	2,534	2,660	6,740
2017	5,101	3,338	17,028	2,551	3,869	9,870	2,550	2,807	7,158
2018	5,071	2,910	14,756	2,546	3,473	8,942	2,525	2,342	5,914
2019	5,108	2,373	12,120	2,480	2,275	5,642	2,628	2,465	6,478
2020	5,158	4,156	21,438	2,480	4,406	10,927	2,678	3,925	10,511
2021	-	-	-	2,480	5,133	12,730	-	-	-

**LAMPIRAN 21**  
**Appendix**

**DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH**  
**DAN PENGELUARAN PADI UNTUK KAWASAN JELAPANG PADI, IADA KOTA BELUD, 2011 - 2021**  
*Time series data - Planted area, average yield of cleaned paddy*  
*and paddy production for granary area, IADA KOTA BELUD, 2011 - 2021*

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	-	-	-	-	-	-	-	-	-
2012	-	-	-	-	-	-	-	-	-
2013	-	-	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-	-	-
2015	-	-	-	-	-	-	-	-	-
2016	-	-	-	-	-	-	-	-	-
2017	9,083	2,511	22,805	4,919	2,629	12,932	4,164	2,371	9,873
2018	9,672	3,112	30,096	6,114	3,224	19,714	3,558	2,918	10,382
2019	8,803	2,908	25,597	5,551	2,858	15,868	3,252	2,992	9,729
2020	8,860	2,914	25,822	4,657	3,103	14,451	4,203	2,705	11,371
2021	-	-	-	3,637	3,276	11,915	-	-	-

**LAMPIRAN 22**  
**Appendix**

**DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH**  
**DAN PENGELUARAN PADI UNTUK KAWASAN JELAPANG PADI, IADA BATANG LUPAR, 2011 - 2021**  
*Time series data - Planted area, average yield of cleaned paddy*  
*and paddy production for granary area, IADA BATANG LUPAR, 2011 - 2021*

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	-	-	-	-	-	-	-	-	-
2012	-	-	-	-	-	-	-	-	-
2013	-	-	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-	-	-
2015	-	-	-	-	-	-	-	-	-
2016	-	-	-	-	-	-	-	-	-
2017	1,121	2,009	2,252	1,121	2,009	2,252	-	-	-
2018	1,121	2,492	2,794	1,121	2,492	2,794	-	-	-
2019	1,121	2,754	3,087	1,121	2,754	3,087	-	-	-
2020	1,121	2,599	2,913	1,121	2,599	2,913	-	-	-
2021	-	-	-	1,121	2,861	3,207	-	-	-

LAMPIRAN 23  
Appendix

DATA SIRIMASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN  
PADI SAWAH, SEMENANJUNG MALAYSIA, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy and production of  
Wetland Paddy, Peninsular Malaysia, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2010	512,610	4,102	2,102,645	263,732	4,165	1,098,400	248,878	4,035	1,004,245
2011	517,586	4,257	2,203,597	262,387	4,089	1,072,965	255,199	4,430	1,130,632
2012	510,606	4,369	2,230,937	267,563	4,189	1,120,944	243,043	4,567	1,109,993
2013	498,805	4,478	2,233,835	262,761	4,148	1,089,814	236,044	4,847	1,144,021
2014	514,381	4,807	2,472,678	264,441	4,725	1,249,422	249,940	4,894	1,223,256
2015	521,425	4,563	2,379,507	266,249	4,364	1,161,964	255,176	4,771	1,217,543
2016	522,826	4,548	2,377,557	269,081	4,604	1,238,884	253,745	4,487	1,138,673
2017	522,678	4,234	2,213,272	267,493	4,186	1,119,607	255,185	4,286	1,093,665
2018	522,112	4,312	2,251,454	268,318	4,390	1,177,916	253,794	4,230	1,073,538
2019	519,277	3,899	2,024,810	267,205	3,971	1,061,184	252,072	3,823	963,626
2020	513,597	4,032	2,070,957	262,657	3,948	1,037,046	250,940	4,120	1,033,911
2021	-	-	-	269,127	4,155	1,118,293	-	-	-

LAMPIRAN 24  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI SAWAH BAGI NEGERI JOHOR, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and production of Wetland Paddy for State of Johor, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2010	2,918	3,847	11,225	1,481	3,762	5,572	1,437	3,934	5,653
2011	3,022	3,798	11,477	1,494	3,755	5,610	1,528	3,839	5,867
2012	2,934	3,954	11,600	1,431	3,803	5,442	1,503	4,097	6,158
2013	2,960	4,527	13,400	1,525	3,955	6,031	1,435	5,135	7,369
2014	2,976	4,321	12,859	1,555	4,493	6,987	1,421	4,132	5,872
2015	3,010	4,030	12,130	1,540	3,926	6,046	1,470	4,139	6,084
2016	2,581	4,182	10,794	1,537	4,073	6,260	1,044	4,343	4,534
2017	3,000	2,854	8,563	1,550	3,105	4,813	1,450	2,586	3,750
2018	2,866	2,854	9,424	1,447	3,516	5,088	1,419	3,056	4,336
2019	2,555	2,854	7,704	1,158	3,122	3,615	1,397	2,927	4,089
2020	2,547	2,854	7,502	1,445	3,180	4,595	1,102	2,638	2,907
2021	-	-	-	1,475	3,245	4,786	-	-	-

LAMPIRAN 25  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI SAWAH BAGI NEGERI KEDAH, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and production of Wetland Paddy for State of Kedah, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons				MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
2010	213,193	3,920	835,630	106,087	3,921	415,967	107,106	3,918	419,663	
2011	215,930	4,068	878,430	108,693	3,876	421,294	107,237	4,263	457,136	
2012	213,378	4,013	856,245	106,753	3,695	394,452	106,625	4,331	461,793	
2013	210,327	4,228	889,167	104,205	3,669	382,328	106,122	4,776	506,839	
2014	212,401	4,878	1,036,180	106,329	4,809	511,336	106,072	4,948	524,844	
2015	215,065	4,440	954,974	107,276	4,063	435,862	107,789	4,816	519,112	
2016	214,875	4,724	1,015,000	107,995	4,661	503,365	106,880	4,787	511,635	
2017	214,585	4,377	939,308	107,656	4,178	449,787	106,929	4,578	489,521	
2018	214,592	4,453	955,662	107,443	4,373	469,848	107,149	4,534	485,814	
2019	214,252	4,009	859,018	107,474	4,126	443,438	106,778	3,892	415,580	
2020	214,328	4,265	914,200	107,506	4,242	456,040	106,822	4,289	458,160	
2021	-	-	-	107,592	4,239	456,082	-	-	-	

LAMPIRAN 26  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI SAWAH BAGI NEGERI KELANTAN, 2011 - 2021  
*Time series data - Planted area, average yield of cleaned paddy  
and production of Wetland Paddy for State of Kelantan, 2011 - 2021*

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2010	70,964	3,823	271,300	42,616	3,915	166,842	28,348	3,685	104,458
2011	70,939	3,846	272,805	38,536	3,736	143,970	32,403	3,976	128,835
2012	63,714	3,929	250,308	41,728	4,077	170,125	21,986	3,647	80,183
2013	56,280	3,825	215,255	40,746	3,833	156,179	15,534	3,803	59,076
2014	69,412	4,035	280,076	39,546	3,967	156,879	29,866	4,125	123,197
2015	72,389	4,081	295,402	39,999	3,985	159,396	32,390	4,199	136,006
2016	74,397	4,237	315,232	41,388	4,140	171,346	33,009	4,359	143,886
2017	74,531	4,154	309,582	41,683	4,215	175,694	32,848	4,076	133,888
2018	74,149	4,313	319,774	41,616	4,657	193,806	32,533	3,872	125,968
2019	71,240	3,774	268,831	40,262	3,594	144,702	30,978	4,007	124,129
2020	73,717	4,147	305,675	39,868	4,024	160,429	33,849	4,291	145,246
2021	-	-	-	40,333	4,523	182,426	-	-	-

LAMPIRAN 27  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELOUARAN PADI SAWAH BAGI NEGERI MELAKA, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and production of Wetland Paddy for State of Melaka, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELOUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELOUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELOUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2010	2,156	2,352	5,071	1,010	2,605	2,631	1,146	2,129	2,440
2011	2,228	3,369	7,505	1,014	3,636	3,687	1,214	3,145	3,818
2012	2,556	2,999	7,665	1,296	2,604	3,375	1,260	3,405	4,290
2013	2,783	3,578	9,957	1,424	4,048	5,764	1,359	3,085	4,193
2014	2,608	3,271	8,530	1,238	3,577	4,428	1,370	2,994	4,102
2015	2,734	3,659	10,004	1,353	4,026	5,447	1,381	3,300	4,557
2016	3,553	3,875	13,768	1,776	4,225	7,504	1,777	3,525	6,264
2017	3,510	3,457	12,135	1,762	3,740	6,590	1,748	3,172	5,545
2018	3,135	2,983	9,352	1,629	3,244	5,284	1,506	2,701	4,068
2019	3,360	2,775	9,323	1,731	3,239	5,607	1,629	2,281	3,716
2020	3,360	2,545	8,550	1,731	2,599	4,499	1,629	2,487	4,051
2021	-	-	-	1,731	2,888	4,999	-	-	-

LAMPIRAN 28  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI SAWAH BAGI NEGERI SEMBILAN, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and production of Wetland Paddy for State of Negeri Sembilan, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	(2) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(3) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(4) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	(5) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(6) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(7) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	(8) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(9) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(10) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
2010	2,203	4,008	8,830	1,036	4,608	4,774	1,167	3,476	4,056
2011	2,016	3,198	6,447	946	3,248	3,073	1,070	3,154	3,374
2012	2,126	3,981	8,463	1,391	3,896	5,419	735	4,142	3,044
2013	1,986	4,242	8,425	1,062	4,426	4,700	924	4,031	3,725
2014	2,070	4,510	9,335	1,160	4,554	5,283	910	4,453	4,052
2015	2,017	4,239	8,550	1,100	4,143	4,557	917	4,354	3,993
2016	1,705	4,445	7,578	1,111	4,527	5,029	594	4,292	2,549
2017	2,040	5,030	10,261	990	4,748	4,701	1,050	5,295	5,560
2018	1,896	3,958	7,504	1,283	4,123	5,290	613	3,612	2,214
2019	1,936	3,962	7,670	1,111	3,707	4,118	825	4,306	3,552
2020	1,989	4,496	8,942	1,152	4,596	5,295	837	4,357	3,647
2021	-	-	-	877	3,119	2,735	-	-	-

LAMPIRAN 29  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELOARAN PADI SAWAH BAGI NEGERI PAHANG, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and production of Wetland Paddy for State of Pahang, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELOARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELOARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELOARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2010	7,467	3,390	25,312	3,737	4,478	16,734	3,730	2,300	8,578
2011	8,351	3,246	27,110	3,438	3,541	12,174	4,913	3,040	14,936
2012	10,487	3,299	34,594	6,606	3,271	21,608	3,881	3,346	12,986
2013	10,357	3,039	31,471	5,955	2,688	16,007	4,402	3,513	15,464
2014	11,872	2,973	35,296	7,343	2,756	20,237	4,529	3,325	15,059
2015	12,410	3,094	38,393	7,453	3,706	27,621	4,957	2,173	10,772
2016	12,548	2,301	28,878	7,640	2,504	19,131	4,908	1,986	9,747
2017	13,006	2,186	28,434	7,990	2,143	17,123	5,016	2,255	11,311
2018	12,300	2,818	34,657	7,913	2,914	23,058	4,387	2,644	11,599
2019	12,435	2,512	31,234	8,147	2,377	19,365	4,288	2,768	11,869
2020	10,572	3,360	35,524	6,598	3,223	21,265	3,974	3,588	14,259
2021	-	-	-	8,720	3,939	34,348	-	-	-

LAMPIRAN 30  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI SAWAH BAGI NEGERI PERAK, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and production of Wetland Paddy for State of Perak, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2010	81,489	3,616	294,705	40,750	3,798	154,769	40,739	3,435	139,936
2011	82,150	3,937	323,445	41,129	3,628	149,216	41,021	4,247	174,229
2012	82,142	4,483	368,237	41,105	4,404	181,026	41,037	4,562	187,211
2013	81,636	4,411	360,135	41,030	4,312	176,921	40,606	4,512	183,214
2014	81,503	4,330	352,930	40,961	4,383	179,532	40,542	4,277	173,398
2015	81,714	4,201	343,283	40,822	4,170	170,228	40,892	4,232	173,055
2016	81,143	3,706	300,699	40,537	3,955	160,324	40,606	3,457	140,375
2017	81,284	3,613	293,715	40,451	3,519	142,347	40,833	3,707	151,368
2018	81,699	3,575	292,063	40,819	3,757	153,357	40,880	3,393	138,706
2019	81,380	3,165	257,605	40,682	3,370	137,098	40,698	2,961	120,507
2020	76,201	3,050	232,437	38,418	2,968	114,025	37,783	3,134	118,412
2021	-	-	-	37,592	3,370	126,685	-	-	-

LAMPIRAN 31  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI SAWAH BAGI NEGERI PERLIS, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and production of Wetland Paddy for State of Perlis, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2010	51,988	4,287	222,884	26,076	4,332	112,961	25,912	4,242	109,923
2011	52,075	4,468	232,674	26,008	4,336	112,771	26,067	4,600	119,903
2012	52,111	4,740	246,982	26,052	4,478	116,661	26,059	5,001	130,321
2013	52,085	4,828	251,449	26,031	4,459	116,072	26,054	5,196	135,377
2014	52,088	5,116	266,506	26,059	5,058	131,806	26,029	5,175	134,700
2015	52,072	4,747	247,190	26,029	4,468	116,298	26,043	5,026	130,892
2016	51,465	4,702	241,977	25,778	5,147	132,679	25,687	4,255	109,298
2017	51,531	4,489	231,328	25,782	4,657	120,067	25,749	4,321	111,261
2018	51,612	4,662	240,615	25,806	5,124	132,230	25,806	4,200	108,385
2019	51,612	4,065	209,828	25,806	4,272	110,243	25,806	3,859	99,585
2020	51,598	3,940	203,275	25,792	3,650	94,141	25,806	4,229	109,134
2021	-	-	-	30,239	3,772	114,062	-	-	-

**LAMPIRAN 32**  
**Appendix**

**DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH**  
**DAN PENGELUARAN PADI SAWAH BAGI NEGERI PULAU PINANG, 2011 - 2021**  
*Time series data - Planted area, average yield of cleaned paddy*  
*and production of Wetland Paddy for State of Pulau Pinang, 2011 - 2021*

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2010	25,564	5,572	142,434	12,782	5,421	69,291	12,782	5,722	73,143
2011	25,564	5,657	144,613	12,782	5,503	70,339	12,782	5,811	74,274
2012	25,564	5,584	142,762	12,782	5,426	69,355	12,782	5,743	73,407
2013	25,564	5,677	145,127	12,782	5,582	71,349	12,782	5,772	73,778
2014	25,564	5,872	150,112	12,782	5,692	72,755	12,782	6,052	77,357
2015	25,564	5,866	149,971	12,782	5,774	73,803	12,782	5,959	76,168
2016	25,564	5,801	148,297	12,782	5,827	74,481	12,782	5,775	73,816
2017	25,564	5,737	146,660	12,782	5,857	74,864	12,782	5,617	71,796
2018	25,564	5,228	133,636	12,782	5,027	64,255	12,782	5,428	69,381
2019	25,564	5,012	128,127	12,782	5,089	65,048	12,782	4,935	63,079
2020	24,210	5,022	121,594	12,105	4,831	58,479	12,105	5,214	63,115
2021	-	-	-	12,105	5,716	69,192	-	-	-

**LAMPIRAN 33**  
**Appendix**

**DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI SAWAH BAGI NEGERI SELANGOR, 2011 - 2021**  
*Time series data - Planted area, average yield of cleaned paddy  
and production of Wetland Paddy for State of Selangor, 2011 - 2021*

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	37,460	5,908	221,295	18,729	5,763	107,935	18,731	6,052	113,360
2012	37,835	5,989	226,580	18,901	5,825	110,098	18,934	6,152	116,482
2013	37,833	6,280	237,594	18,899	6,198	117,136	18,934	6,362	120,458
2014	37,842	6,403	242,320	18,925	6,247	118,224	18,917	6,560	124,096
2015	38,114	6,305	240,290	19,057	6,117	116,572	19,057	6,492	123,718
2016	38,114	5,825	222,033	19,057	6,096	116,171	19,057	5,555	105,862
2017	36,708	4,510	165,571	18,354	4,617	84,740	18,354	4,404	80,831
2018	36,868	4,731	174,432	18,354	4,559	83,676	18,514	4,902	90,756
2019	36,602	4,756	174,088	18,450	4,847	89,427	18,152	4,664	84,661
2020	36,004	4,431	159,535	18,115	4,357	78,927	17,889	4,506	80,608
2021	-	-	-	17,960	4,790	86,028	-	-	-

**LAMPIRAN 34**  
**Appendix**

**DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH**  
**DAN PENGELUARAN PADI SAWAH BAGI NEGERI TERENGGANU, 2011 - 2021**  
*Time series data - Planted area, average yield of cleaned paddy*  
*and production of Wetland Paddy for State of Terengganu, 2011 - 2021*

TAHUN Year	SEMUA MUSIM All Seasons				MUSIM UTAMA Main Season				LUAR MUSIM Off Season			
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
2011	17,851	4,358	77,796	9,618	4,460	42,896	8,233	4,239	34,900			
2012	17,759	4,364	77,501	9,518	4,558	43,383	8,241	4,140	34,118			
2013	16,994	4,228	71,855	9,102	4,101	37,327	7,892	4,375	34,528			
2014	16,045	4,895	78,535	8,543	4,911	41,955	7,502	4,876	36,580			
2015	16,336	4,856	79,320	8,838	5,220	46,134	7,498	4,426	33,186			
2016	16,881	4,342	73,301	9,480	4,493	42,594	7,401	4,149	30,707			
2017	16,919	4,002	67,715	8,493	4,578	38,881	8,426	3,422	28,834			
2018	17,431	4,265	74,335	9,226	4,555	42,024	8,205	3,938	32,311			
2019	18,341	3,892	71,382	9,602	4,012	38,523	8,739	3,760	32,859			
2020	19,071	3,866	73,723	9,927	3,964	39,351	9,144	3,759	34,372			
2021	-	-	-	10,503	3,518	36,950	-	-	-	-	-	

**LAMPIRAN 35**  
**Appendix**

**DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI PADI SAWAH (LUAR JELAPANG), SEMENANJUNG MALAYSIA, 2011 - 2021**  
*Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy (Outside Granary Area), Peninsular Malaysia, 2011 - 2021*

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	(2) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(3) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(4) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	(5) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(6) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(7) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	(8) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(9) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(10) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
2011	128,042	3,648	467,074	67,602	3,784	255,813	60,440	3,495	211,261
2012	129,053	3,494	450,934	70,405	3,448	242,762	58,648	3,550	208,172
2013	129,532	3,483	451,169	70,894	3,310	234,685	58,638	3,692	216,484
2014	113,648	3,864	439,189	61,564	3,810	234,530	52,084	3,929	204,659
2015	115,377	3,678	424,326	62,071	3,750	232,782	53,306	3,593	191,544
2016	105,819	3,654	386,650	58,241	3,723	216,858	47,578	3,569	169,792
2017	106,633	3,463	369,298	56,849	3,468	197,164	49,784	3,458	172,134
2018	106,859	3,329	355,689	57,673	3,346	192,999	49,186	3,308	162,690
2019	107,135	3,015	322,989	57,642	3,207	184,831	49,493	2,791	138,158
2020	107,236	3,028	324,684	57,973	3,001	173,964	49,263	3,059	150,720
2021	-	-	-	62,938	3,718	234,033	-	-	-

LAMPIRAN 36  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI SAWAH (LUAR JELAPANG) BAGI NEGERI JOHOR, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and production of Wetland Paddy (Outside Granary Area) for State of Johor, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	(2) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(3) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(4) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	(5) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(6) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(7) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	(8) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(9) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(10) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
2011	3,022	3,798	11,477	1,494	3,755	5,610	1,528	3,839	5,867
2012	2,934	3,953	11,600	1,431	3,803	5,442	1,503	4,097	6,158
2013	2,960	4,527	13,400	1,525	3,955	6,031	1,435	5,135	7,369
2014	2,976	4,321	12,859	1,555	4,493	6,987	1,421	4,132	5,872
2015	3,010	4,030	12,130	1,540	3,926	6,046	1,470	4,139	6,084
2016	2,581	4,182	10,794	1,537	4,073	6,260	1,044	4,343	4,534
2017	3,000	2,854	8,563	1,550	3,105	4,813	1,450	2,586	3,750
2018	2,866	3,288	9,424	1,447	3,516	5,088	1,419	3,056	4,336
2019	2,555	3,015	7,704	1,158	3,122	3,615	1,397	2,927	4,089
2020	2,547	2,945	7,502	1,445	3,180	4,595	1,102	2,638	2,907
2021	-	-	-	1,475	3,245	4,786	-	-	-

LAMPIRAN 37  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI SAWAH (LUAR JELAPANG) BAGI NEGERI KEDAH, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and production of Wetland Paddy (Outside Granary Area) for State of Kedah, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	(2) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(3) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(4) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	(5) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(6) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(7) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	(8) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(9) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(10) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
2011	60,262	3,549	213,859	30,875	3,876	119,672	29,387	3,205	94,187
2012	58,864	3,151	185,503	29,464	3,112	91,692	29,400	3,191	93,811
2013	60,217	3,218	193,760	30,798	3,098	95,412	29,419	3,343	98,348
2014	59,580	3,840	228,789	30,218	3,808	115,070	29,362	3,873	113,719
2015	60,502	3,458	209,207	30,565	3,682	112,540	29,937	3,229	96,667
2016	53,685	3,736	200,553	27,404	3,771	103,340	26,281	3,699	97,213
2017	53,391	3,535	188,714	27,054	3,430	92,795	26,337	3,642	95,919
2018	53,414	3,215	171,715	26,857	3,091	83,015	26,557	3,340	88,700
2019	53,060	3,012	159,796	26,889	3,384	90,992	26,171	2,629	68,804
2020	53,158	3,091	164,302	26,940	3,114	83,891	26,218	3,067	80,411
2021	-	-	-	26,994	4,437	119,772	-	-	-

LAMPIRAN 38  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI SAWAH (LUAR JELAPANG) BAGI NEGERI KELANTAN, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and production of Wetland Paddy (Outside Granary Area) for State of Kelantan, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	(2) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(3) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(4) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	(5) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(6) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(7) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	(8) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(9) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(10) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
2011	11,938	2,547	30,405	8,982	2,407	21,620	2,956	2,972	8,785
2012	11,871	2,925	34,727	9,445	2,894	27,334	2,426	3,047	7,393
2013	12,256	3,080	37,747	9,832	2,889	28,405	2,424	3,854	9,342
2014	12,632	3,188	40,277	9,654	2,945	28,431	2,978	3,978	11,846
2015	13,246	2,921	38,688	9,832	2,613	25,691	3,414	3,807	12,997
2016	13,280	3,148	41,807	9,839	3,024	29,753	3,441	3,503	12,054
2017	13,335	3,216	42,889	9,843	3,171	31,212	3,492	3,344	11,677
2018	13,537	3,188	43,156	9,849	3,127	30,798	3,688	3,351	12,358
2019	13,328	3,084	41,104	9,659	2,958	28,571	3,669	3,416	12,533
2020	13,424	3,041	40,823	9,548	2,959	28,253	3,876	3,243	12,570
2021	-	-	-	9,536	3,466	33,052	-	-	-

LAMPIRAN 39  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI SAWAH (LUAR JELAPANG) BAGI NEGERI MELAKA, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and production of Wetland Paddy (Outside Granary Area) for State of Melaka, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	2,228	3,369	7,505	1,014	3,636	3,687	1,214	3,145	3,818
2012	2,556	2,999	7,665	1,296	2,604	3,375	1,260	3,405	4,290
2013	2,783	3,578	9,957	1,424	4,048	5,764	1,359	3,085	4,193
2014	2,608	3,271	8,530	1,238	3,577	4,428	1,370	2,994	4,102
2015	2,734	3,659	10,004	1,353	4,026	5,447	1,381	3,300	4,557
2016	3,553	3,875	13,768	1,776	4,225	7,504	1,777	3,525	6,264
2017	3,510	3,457	12,135	1,762	3,740	6,590	1,748	3,172	5,545
2018	3,135	2,983	9,352	1,629	3,244	5,284	1,506	2,701	4,068
2019	3,360	2,775	9,323	1,731	3,239	5,607	1,629	2,281	3,716
2020	3,360	2,545	8,550	1,731	2,599	4,499	1,629	2,487	4,051
2021	-	-	-	1,731	2,888	4,999	-	-	-

LAMPIRAN 40  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI SAWAH (LUAR JELAPANG) BAGI NEGERI SEMBILAN, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and production of Wetland Paddy (Outside Granary Area) for State of Negeri Sembilan, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	(2) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(3) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(4) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	(5) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(6) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(7) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	(8) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(9) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(10) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
2011	2,016	3,198	6,447	946	3,248	3,073	1,070	3,154	3,374
2012	2,126	3,981	8,463	1,391	3,896	5,419	735	4,142	3,044
2013	1,986	4,242	8,425	1,062	4,426	4,700	924	4,031	3,725
2014	2,070	4,510	9,335	1,160	4,554	5,283	910	4,453	4,052
2015	2,017	4,239	8,550	1,100	4,143	4,557	917	4,354	3,993
2016	1,705	4,445	7,578	1,111	4,527	5,029	594	4,292	2,549
2017	2,040	5,030	10,261	990	4,748	4,701	1,050	5,295	5,560
2018	1,896	3,958	7,504	1,283	4,123	5,290	613	3,612	2,214
2019	1,936	3,962	7,670	1,111	3,707	4,118	825	4,306	3,552
2020	1,989	4,496	8,942	1,152	4,596	5,295	837	4,357	3,647
2021	-	-	-	877	3,119	2,735	-	-	-

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Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI SAWAH (LUAR JELAPANG) BAGI NEGERI PAHANG, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and production of Wetland Paddy (Outside Granary Area) for State of Pahang, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	(2) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(3) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(4) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	(5) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(6) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(7) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	(8) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(9) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(10) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
2011	8,351	3,246	27,110	3,438	3,541	12,174	4,913	3,040	14,936
2012	10,487	3,299	34,594	6,606	3,271	21,608	3,881	3,346	12,986
2013	10,357	3,039	31,471	5,955	2,688	16,007	4,402	3,513	15,464
2014	742	3,260	2,419	495	2,920	1,445	247	3,943	974
2015	429	3,585	1,538	309	3,753	1,160	120	3,146	378
2016	838	2,686	2,251	393	3,212	1,262	445	2,222	989
2017	1,073	2,303	2,471	664	2,241	1,488	409	2,403	983
2018	800	2,678	2,142	521	2,869	1,495	279	2,318	647
2019	693	2,188	1,516	569	2,174	1,237	124	2,251	279
2020	650	2,695	1,752	443	2,511	1,112	207	3,090	640
2021	-	-	-	585	3,613	2,114	-	-	-

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Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI SAWAH (LUAR JELAPANG) BAGI NEGERI PERAK, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and production of Wetland Paddy (Outside Granary Area) for State of Perak, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	(2) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(3) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(4) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	(5) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(6) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(7) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	(8) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(9) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(10) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
2011	12,496	4,703	58,773	6,302	4,717	29,727	6,194	4,689	29,046
2012	12,519	4,509	56,442	6,309	4,510	28,454	6,210	4,507	27,988
2013	11,995	4,247	50,942	6,204	4,050	25,126	5,791	4,458	25,816
2014	11,965	4,278	51,189	6,186	4,455	27,559	5,779	4,089	23,630
2015	12,073	4,393	53,035	6,019	4,435	26,694	6,054	4,351	26,341
2016	11,632	3,864	44,945	5,844	4,159	24,305	5,788	3,566	20,640
2017	11,651	3,849	44,850	5,636	3,915	22,065	6,015	3,788	22,785
2018	12,066	3,591	43,327	6,004	4,043	24,274	6,062	3,143	19,053
2019	12,148	2,999	36,430	6,066	3,147	19,090	6,082	2,851	17,340
2020	11,327	3,049	34,541	5,934	3,078	18,265	5,393	3,018	16,276
2021	-	-	-	5,947	3,818	22,706	-	-	-

LAMPIRAN 43  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI SAWAH (LUAR JELAPANG) BAGI NEGERI PERLIS, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and production of Wetland Paddy (Outside Granary Area) for State of Perlis, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	14,723	3,643	53,642	7,332	3,589	26,315	7,391	3,697	27,327
2012	14,782	4,086	60,392	7,391	4,089	30,222	7,391	4,082	30,170
2013	14,782	4,202	62,113	7,391	4,234	31,293	7,391	4,170	30,820
2014	14,782	4,224	62,446	7,391	4,244	31,367	7,391	4,205	31,079
2015	14,782	4,336	64,094	7,391	4,392	32,461	7,391	4,280	31,633
2016	11,416	3,886	44,357	5,733	4,347	24,921	5,683	3,420	19,436
2017	11,466	3,551	40,716	5,733	3,986	22,852	5,733	3,116	17,864
2018	11,466	3,965	45,457	5,733	4,102	23,517	5,733	3,827	21,940
2019	11,466	3,372	38,664	5,733	3,443	19,739	5,733	3,301	18,925
2020	11,462	3,093	35,448	5,729	2,817	16,139	5,733	3,368	19,309
2021	-	-	-	10,166	3,071	31,220	-	-	-

LAMPIRAN 44  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI SAWAH (LUAR JELAPANG) BAGI NEGERI PULAU PINANG, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and production of Wetland Paddy (Outside Granary Area) for State of Pulau Pinang, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons				MUSIM UTAMA Main Season				LUAR MUSIM Off Season			
	PURATA Average Yield of Cleaned Paddy (Kg/Hectare)		PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)		PURATA Average Yield of Cleaned Paddy (Kg/Hectare)		PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)		PURATA Average Yield of Cleaned Paddy (Kg/Hectare)		PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)			
2011	4,954	5,449	26,997	2,477	5,162	12,786	2,477	5,737	14,211			
2012	4,954	5,651	27,993	2,477	5,714	14,154	2,477	5,587	13,839			
2013	4,954	4,973	24,638	2,477	4,676	11,582	2,477	5,271	13,056			
2014	-	-	-	-	-	-	-	-	-			
2015	-	-	-	-	-	-	-	-	-			
2016	-	-	-	-	-	-	-	-	-			
2017	-	-	-	-	-	-	-	-	-			
2018	-	-	-	-	-	-	-	-	-			
2019	-	-	-	-	-	-	-	-	-			
2020	-	-	-	-	-	-	-	-	-			
2021	-	-	-	-	-	-	-	-	-			

LAMPIRAN 45  
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH  
DAN PENGELUARAN PADI SAWAH (LUAR JELAPANG) BAGI NEGERI TERENGGANU, 2011 - 2021  
Time series data - Planted area, average yield of cleaned paddy  
and production of Wetland Paddy (Outside Granary Area) for State of Terengganu, 2011 - 2021

TAHUN Year	SEMUA MUSIM All Seasons			MUSIM UTAMA Main Season			LUAR MUSIM Off Season		
	(2) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(3) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(4) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	(5) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(6) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(7) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	(8) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(9) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	(10) PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
2011	8,052	3,832	30,859	4,742	4,460	21,149	3,310	2,934	9,710
2012	7,960	2,959	23,556	4,595	3,278	15,062	3,365	2,524	8,494
2013	7,242	2,584	18,716	4,226	2,453	10,365	3,016	2,769	8,351
2014	6,293	3,710	23,345	3,667	3,807	13,960	2,626	3,574	9,385
2015	6,584	4,113	27,080	3,962	4,590	18,186	2,622	3,392	8,894
2016	7,129	2,889	20,597	4,604	3,146	14,484	2,525	2,421	6,113
2017	7,167	2,609	18,699	3,617	2,944	10,648	3,550	2,268	8,051
2018	7,679	3,075	23,612	4,350	3,273	14,238	3,329	2,816	9,374
2019	8,589	2,420	20,782	4,726	2,510	11,862	3,863	2,309	8,920
2020	9,319	2,449	22,824	5,051	2,359	11,915	4,268	2,556	10,909
2021	-	-	-	5,627	2,248	12,649	-	-	-

**LAMPIRAN 46**  
**Appendix**

**DATA SIRI MASA - KLUASAN PASEL DAN KELUASAN BERTANAM PADI SAWAH (HEKTAR)**  
**MENGIKUT NEGERI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2011 - 2021**  
*Time series data - Parcel and planted areas for Wetland Paddy (hectare)*  
*by state, Peninsular Malaysia, Main Season 2011 - 2021*

NEGERI State	JOHOR			KEDAH			KELANTAN			MELAKA			NEGERI SEMBILAN			PAHANG			PERAK			PERLIS			PULAU PINANG			SELANGOR			TERENG- GANU			JUMLAH Total		
	LUAS PASEL Parcel/ Area	LUAS TANAM Planted Area	(2) (3)	LUAS PASEL Parcel/ Area	LUAS TANAM Planted Area	(4) (5)	LUAS PASEL Parcel/ Area	LUAS TANAM Planted Area	(6) (7)	LUAS PASEL Parcel/ Area	LUAS TANAM Planted Area	(8) (9)	LUAS PASEL Parcel/ Area	LUAS TANAM Planted Area	(10) (11)	LUAS PASEL Parcel/ Area	LUAS TANAM Planted Area	(12) (13)	LUAS PASEL Parcel/ Area	LUAS TANAM Planted Area	(14) (15)	LUAS PASEL Parcel/ Area	LUAS TANAM Planted Area	(16) (17)	LUAS PASEL Parcel/ Area	LUAS TANAM Planted Area	(18) (19)	LUAS PASEL Parcel/ Area	LUAS TANAM Planted Area	(20) (21)	LUAS PASEL Parcel/ Area	LUAS TANAM Planted Area	(22) (23)	LUAS PASEL Parcel/ Area	LUAS TANAM Planted Area	(24) (25)
2010/2011	1,911	1,494	112,858	108,693	47,907	38,536	3,827	1,014	2,150	946	8,048	3,438	43,276	41,129	26,090	26,008	12,782	12,782	19,021	18,729	14,630	9,618	14,630	18,729	19,021	12,782	12,782	19,021	18,729	14,630	9,618	292,500	262,387			
2011/2012	1,911	1,431	112,858	106,753	47,907	41,728	3,827	1,296	2,150	1,391	8,048	6,606	43,276	41,105	26,090	26,052	12,782	12,782	19,021	18,901	14,630	9,518	14,630	18,901	19,021	12,782	12,782	19,021	18,901	14,630	9,518	292,500	267,563			
2012/2013	1,931	1,525	112,858	104,205	47,837	40,746	3,800	1,424	2,062	1,062	8,675	5,955	43,276	41,030	26,090	26,031	12,782	12,782	19,021	18,899	11,550	9,102	11,550	18,899	19,021	12,782	12,782	19,021	18,899	11,550	9,102	289,882	262,761			
2013/2014	1,931	1,555	112,858	106,329	47,837	39,546	3,800	1,238	2,062	1,160	8,675	7,343	43,276	40,961	26,090	26,059	12,782	12,782	19,021	19,925	11,550	8,543	11,550	19,925	19,021	12,782	12,782	19,021	19,925	11,550	8,543	289,882	264,441			
2014/2015	1,960	1,470	112,858	107,789	47,843	32,390	3,414	1,381	2,062	917	9,135	4,957	43,079	40,892	26,090	26,043	12,782	12,782	19,057	19,057	12,806	7,281	12,806	19,057	19,057	12,782	12,782	19,057	19,057	12,806	7,281	291,086	254,959			
2015/2016	1,960	1,537	110,013	107,995	46,465	41,388	3,414	1,776	2,062	1,111	9,135	7,640	43,079	40,537	25,806	25,778	12,782	12,782	19,057	19,057	12,806	9,480	12,806	19,057	19,057	12,782	12,782	19,057	19,057	12,806	9,480	286,569	269,081			
2016/2017	1,962	1,550	110,035	107,656	46,488	41,683	1,837	1,762	2,096	990	9,328	7,990	43,079	40,451	25,806	25,782	12,782	12,782	19,057	18,354	11,692	8,493	11,692	18,354	19,057	12,782	12,782	19,057	18,354	11,692	8,493	284,162	267,493			
2017/2018	1,962	1,447	109,940	107,443	46,468	41,616	1,837	1,629	2,096	1,283	9,328	7,913	43,079	40,819	25,806	25,806	12,782	12,782	19,057	18,354	11,692	9,226	11,692	18,354	19,057	12,782	12,782	19,057	18,354	11,692	9,226	284,047	266,318			
2018/2019	1,959	1,158	109,940	107,474	45,048	40,262	1,837	1,731	2,096	1,111	9,336	8,147	43,079	40,682	25,806	25,806	12,782	12,782	18,590	18,450	11,728	9,602	11,728	18,450	18,590	12,782	12,782	18,590	18,450	11,728	9,602	282,201	267,205			
2019/2020	1,959	1,445	109,940	107,506	45,005	39,868	1,837	1,731	2,065	1,152	9,336	6,598	43,190	38,418	25,806	25,792	12,105	12,105	18,784	18,115	11,596	9,927	11,596	18,115	18,784	12,105	12,105	18,784	18,115	11,596	9,927	281,623	262,657			
2020/2021	1,631	1,475	109,817	107,592	45,005	40,333	1,837	1,731	2,065	877	10,165	8,720	40,531	37,592	30,239	30,239	12,105	12,105	18,784	17,960	11,551	10,503	11,551	17,960	18,784	12,105	12,105	18,784	17,960	11,551	10,503	283,730	269,127			

# LAMPIRAN 47 Appendix

DATA SIRI MASA - KELUASAN PASEL DAN KELUASAN BERTANAM PADI SAWAH (HEKTAR)  
MENGIKUT KAWASAN JELAPANG PADI, MALAYSIA, MUSIM UTAMA 2011 - 2021  
Time series data - Parcel and planted areas for Wetland Paddy (hectare)  
by Granary area, Malaysia, Main Season 2011 - 2021

JELAPANG PADI Granary Area	MADA			KADA			IADA KERIAN			IADA BLS			IADA P. PINANG			IADA SEBERANG PERAK			IADA NETARA			IADA KEMASIN SEMERAK			IADA PEKAN			IADA ROMPIN			IADA KOTA BELUD			IADA BATANG LUPAR			Jumlah Total									
	LUAS PASEL Tanam Planted Parcel Area	LUAS TANAM Planted Area	(2) (3)	LUAS PASEL Tanam Planted Parcel Area	LUAS TANAM Planted Area	(4) (5)	LUAS PASEL Tanam Planted Parcel Area	LUAS TANAM Planted Area	(6) (7)	LUAS PASEL Tanam Planted Parcel Area	LUAS TANAM Planted Area	(8) (9)	LUAS PASEL Tanam Planted Parcel Area	LUAS TANAM Planted Area	(10) (11)	LUAS PASEL Tanam Planted Parcel Area	LUAS TANAM Planted Area	(12) (13)	LUAS PASEL Tanam Planted Parcel Area	LUAS TANAM Planted Area	(14) (15)	LUAS PASEL Tanam Planted Parcel Area	LUAS TANAM Planted Area	(16) (17)	LUAS PASEL Tanam Planted Parcel Area	LUAS TANAM Planted Area	(18) (19)	LUAS PASEL Tanam Planted Parcel Area	LUAS TANAM Planted Area	(20) (21)	LUAS PASEL Tanam Planted Parcel Area	LUAS TANAM Planted Area	(22) (23)	LUAS PASEL Tanam Planted Parcel Area	LUAS TANAM Planted Area	(24) (25)	LUAS PASEL Tanam Planted Parcel Area	LUAS TANAM Planted Area	(26) (27)							
2010/2011	96,558	96,494	29,450	25,447	26,594	19,021	18,729	10,305	8,529	8,233	4,923	4,876	5,047	4,107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200,552	194,785			
2011/2012	96,558	95,950	29,450	27,450	26,564	19,021	18,901	10,305	8,529	8,232	4,923	4,923	5,047	4,833	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200,552	197,158		
2012/2013	96,558	92,047	29,450	26,279	21,108	20,983	18,899	10,305	14,140	13,843	4,876	4,876	5,047	4,635	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200,505	191,867		
2013/2014	96,558	94,779	29,450	25,129	20,972	19,021	18,925	12,782	14,140	13,803	4,876	4,876	5,047	4,763	4,940	4,323	4,940	4,323	2,920	2,525	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	210,842	202,877	
2014/2015	96,558	95,349	29,450	25,332	21,108	19,057	19,057	12,782	14,140	13,831	4,876	4,876	5,053	4,835	5,322	4,861	5,322	4,861	2,920	2,583	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	211,266	204,178		
2015/2016	100,685	100,636	28,072	26,985	21,108	20,839	19,057	12,782	14,140	13,854	4,876	4,876	5,053	4,564	5,322	4,812	5,322	4,812	2,920	2,635	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	214,015	210,840		
2016/2017	100,685	100,651	28,072	27,268	21,108	20,949	19,057	12,782	14,140	13,866	4,876	4,876	5,086	4,572	5,555	4,775	5,555	4,775	2,920	2,551	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	214,281	210,644	
2017/2018	100,685	100,659	28,072	27,200	21,108	20,949	19,057	12,782	14,140	13,866	4,876	4,876	5,086	4,567	5,555	4,846	5,555	4,846	2,920	2,546	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	214,281	210,645
2018/2019	100,685	100,658	26,833	25,961	21,108	20,949	18,450	12,782	14,140	13,667	4,876	4,876	5,051	4,642	5,555	5,098	5,555	5,098	2,920	2,430	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	212,540	209,563	
2019/2020	100,685	100,629	26,833	25,916	21,219	19,336	18,115	12,105	14,140	13,148	4,876	4,876	5,051	4,404	5,555	3,675	5,555	3,675	2,920	2,480	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	212,168	204,684		
2020/2021	100,685	100,671	26,833	26,300	18,497	18,764	17,860	12,105	14,140	13,148	4,876	4,876	5,051	4,497	6,199	6,199	6,199	6,199	2,920	2,480	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	210,090	206,189	

Catatan: a Penurunan keluasan pabel padi disebabkan pensempadanan semula kawasan padi.

Notes: a Lower paddy parcel area due to changes in boundaries of paddy parcels.

b Pensempadanan semula kawasan padi.

Changes in boundaries of paddy parcels.

c Semakan semula keluasan pabel padi.

Revision of paddy parcel area.

LAMPIRAN 48  
Appendix

PENGGUNAAN VARIETI PADI MENGIKUT MUSIM UTAMA, SEMENANJUNG MALAYSIA, 2018 - 2021  
Usage of paddy varieties by Main Season, Peninsular Malaysia, 2018 - 2021

MUSIM UTAMA 2017/2018			MUSIM UTAMA 2018/2019			MUSIM UTAMA 2019/2020			MUSIM UTAMA 2020/2021		
Main Season 2017/2018		%	Main Season 2018/2019		%	Main Season 2019/2020		%	Main Season 2020/2021		%
Variety	Bilangan	(15)	Variety	Bilangan	(15)	Variety	Bilangan	(15)	Variety	Bilangan	(15)
(13)	(14)	(15)	(13)	(14)	(15)	(13)	(14)	(15)	(13)	(14)	(15)
MIR 219	183.0	8.2	MR 219	389	17.5	MR 219	337	15.2	MR 219	474	15.2
MIR 220	77.0	3.5	MR 220	45	2.0	MR 220	57	2.6	MR 220	30	2.6
MIR 220 CL1	2.0	0.1	MR 220 CL1	0	0.0	MR 211	4	0.2	NMR 152	4	0.2
MIR 220 CL2	991.0	44.6	MR 220 CL2	684	30.8	MR 220 CL2	527	23.7	MR 220 CL2	440	23.7
MIR 263	107.0	4.8	MR 263	35	1.6	MR 263	32	1.4	MR 263	48	1.4
MIR 211	3.0	0.1	MR 269	122	5.5	UKMRC-2	42	1.9	UKMRC-2	38	1.9
MIR 269	45.0	2.0	MR 284	11	0.5	MRQ 76	3	0.1	MRQ 76	4	0.1
MIR 284	106.0	4.8	MR 297	953	42.9	MR 269	196	8.8	MR 269	218	8.8
MIR 297	702.0	31.6	MRQ 76	4	0.2	MR 284	1	0.0	MR 297	866	37.2
MRQ 76	5.0	0.2	MARDI 307	6	0.3	MR 297	827	37.2	UKMRC-8	15	1.9
			MARDI 303	2	0.1	UKMRC-8	43	1.9	SEBERNAS 307	26	3.0
						SEBERNAS 307	66	3.0	SEMPADAN 303	44	4.8
						SEMPADAN 303	106	4.8	HYBRID	19	0.3
			HYBRID	6	0.3		6	0.3			
<b>JUMLAH Total</b>	<b>2221</b>	<b>100</b>	<b>JUMLAH Total</b>	<b>2,251</b>	<b>100</b>	<b>JUMLAH Total</b>	<b>2,247</b>	<b>100</b>	<b>JUMLAH Total</b>	<b>2,226</b>	<b>100</b>

LAMPIRAN 49  
Appendix

ALIRAN FAKTOR PADI KERING DAN PADI BERSIH SERTA  
PERATUS HAMPA MENGIKUT NEGERI DAN MUSIM UTAMA, MALAYSIA, 2018 - 2021  
*Trend factors of dried paddy and cleaned paddy and  
percentage of unfilled grain by state and Main Season, Malaysia, 2018 - 2021*

Negeri State	MUSIM UTAMA 2017/2018 Main Season 2017/2018				MUSIM UTAMA 2018/2019 Main Season 2018/2019				MUSIM UTAMA 2019/2020 Main Season 2019/2020				MUSIM UTAMA 2020/2021 Main Season 2020/2021			
	Bilangan sampel dibuat analisis of samples analysed	Faktor padi kering Factor of dried paddy	Faktor padi bersih tepat 14 % KWB Factor of cleaned paddy at 14%MC	Hampa Unfilled grain %	Bilangan sampel dibuat analisis of samples analysed	Faktor padi kering Factor of dried paddy	Faktor padi bersih tepat 14 % KWB Factor of cleaned paddy at 14%MC	Hampa Unfilled grain %	Bilangan sampel dibuat analisis of samples analysed	Faktor padi kering Factor of dried paddy	Faktor padi bersih tepat 14 % KWB Factor of cleaned paddy at 14%MC	Hampa Unfilled grain %	Bilangan sampel dibuat analisis of samples analysed	Faktor padi kering Factor of dried paddy	Faktor padi bersih tepat 14 % KWB Factor of cleaned paddy at 14%MC	Hampa Unfilled grain %
(1)	(14)	(15)	(16)	(17)	(14)	(15)	(16)	(17)	(14)	(15)	(16)	(17)	(14)	(15)	(16)	(17)
JOHOR	18	0.863	0.807	5.9	18	0.898	0.846	5.3	12	0.886	0.838	5.1	18	0.892	0.807	8.8
KEDAH	240	0.899	0.828	8.9	228	0.901	0.835	8.7	225	0.872	0.780	11.6	228	0.888	0.779	13.0
KELANTAN	250	0.911	0.828	11.0	250	0.865	0.796	9.4	123	0.859	0.770	10.8	220	0.889	0.823	8.9
MELAKA	25	0.896	0.836	7.8	25	0.931	0.782	18.7	18	0.867	0.647	26.3	26	0.881	0.717	18.9
N. SEMBILAN	20	0.857	0.813	5.7	20	0.850	0.777	8.3	10	0.901	0.828	8.1	14	0.838	0.755	10.0
PAHANG	59	0.877	0.771	12.9	82	0.897	0.687	22.9	82	0.925	0.739	19.3	80	0.901	0.833	8.0
PERAK	184	0.832	0.737	12.5	184	0.785	0.695	11.0	184	0.788	0.642	16.1	186	0.842	0.684	17.9
PERLIS	90	0.889	0.881	3.7	90	0.902	0.830	10.6	72	0.860	0.765	11.6	86	0.889	0.786	11.6
P. PINANG	72	0.858	0.840	6.3	74	0.844	0.817	5.0	74	0.766	0.716	7.1	68	0.868	0.819	7.1
SELANGOR	110	0.803	0.783	5.7	110	0.793	0.765	5.4	108	0.805	0.751	8.4	108	0.837	0.784	8.8
TERENGGANU	87	0.882	0.797	9.6	93	0.854	0.777	9.9	90	0.858	0.785	9.5	93	0.846	0.710	15.4
SEM. MALAYSIA Pen. Malaysia	1,155	0.872	0.806	9.2	1174	0.852	0.773	10.2	998	0.838	0.735	12.3	1127	0.871	0.772	12.0
SABAH	214	0.934	0.821	11.5	217	0.899	0.814	10.5	190	0.933	0.834	11.2	146	0.909	0.841	8.4
SARAWAK	414	0.973	0.923	5.4	235	0.982	0.933	6.3	193	0.950	0.905	5.4	215	0.986	0.902	9.1

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Appendix

ALIRAN FAKTOR PADI KERING DAN PADI BERSIH SERTA PERATUS HAMPA  
MENGIKUT KAWASAN JELAPANG PADI DAN MUSIM UTAMA, MALAYSIA, 2018 - 2021  
Trend factors of dried paddy and cleaned paddy and percentage of unfilled grain  
by granary area and Main Season, Malaysia, 2018 - 2021

JELAPANG PADI Granary Area	MUSIM UTAMA 2017/2018 Main Season 2017/2018				MUSIM UTAMA 2018/2019 Main Season 2018/2019				MUSIM UTAMA 2019/2020 Main Season 2019/2020				MUSIM UTAMA 2020/2021 Main Season 2020/2021			
	Bilangan sampel dibuat analisis Number of samples analysed	Faktor padi kering Factor of dried paddy	Faktor padi bersih tepat 14 % KWB Factor of cleaned paddy at 14% KWB	Hampa Unfilled grain %	Bilangan sampel dibuat analisis Number of samples analysed	Faktor padi kering Factor of dried paddy	Faktor padi bersih tepat 14 % KWB Factor of cleaned paddy at 14% KWB	Hampa Unfilled grain %	Bilangan sampel dibuat analisis Number of samples analysed	Faktor padi kering Factor of dried paddy	Faktor padi bersih tepat 14 % KWB Factor of cleaned paddy at 14% KWB	Hampa Unfilled grain %	Bilangan sampel dibuat analisis Number of samples analysed	Faktor padi kering Factor of dried paddy	Faktor padi bersih tepat 14 % KWB Factor of cleaned paddy at 14% KWB	Hampa Unfilled grain %
(1)	(14)	(15)	(16)	(17)	(14)	(15)	(16)	(17)	(14)	(15)	(16)	(17)	(14)	(15)	(16)	(17)
MADA	160	0.897	0.861	6.0	160	0.917	0.887	5.7	155	0.870	0.797	9.7	160	0.896	0.779	13.7
KADA	112	0.927	0.857	9.9	118	0.868	0.808	8.4	83	0.867	0.785	10.5	118	0.888	0.842	6.8
IADA KERIAN	78	0.851	0.814	7.9	78	0.820	0.780	6.2	78	0.716	0.630	10.4	78	0.851	0.756	11.6
IADA BLS	110	0.803	0.783	5.7	110	0.793	0.765	5.4	108	0.805	0.751	8.4	108	0.837	0.784	8.8
IADA P PINANG	72	0.858	0.840	6.3	74	0.844	0.817	5.0	74	0.766	0.716	7.1	68	0.868	0.819	7.1
IADA SEB. PERAK	70	0.806	0.681	14.6	70	0.751	0.637	13.3	70	0.843	0.639	21.7	70	0.827	0.611	23.5
IADA KETARA	43	0.890	0.823	7.8	43	0.854	0.803	7.4	43	0.854	0.803	7.4	38	0.850	0.770	10.3
IADA KEM. SEMERAK	34	0.896	0.846	9.7	34	0.864	0.840	5.1	12	0.850	0.777	8.5	32	0.843	0.813	5.9
IADA PEKAN	26	0.870	0.739	15.8	29	0.919	0.654	28.0	29	0.811	0.611	20.5	28	0.875	0.795	9.6
IADA ROMPIN	21	0.882	0.809	9.5	27	0.889	0.715	10.2	27	0.928	0.890	4.2	27	0.930	0.903	3.5
IADA KOTA BELUD	61	0.932	0.807	13.3	61	0.944	0.878	7.6	61	0.945	0.826	12.5	34	0.916	0.894	3.6
IADA BATANG LUPAR	28	0.785	0.680	6.5	37	0.850	0.720	13.0	14	0.862	0.729	13.1	17	0.899	0.782	11.7
KESELURUHAN Overall	815	0.870	0.810	8.7	841	0.857	0.795	8.0	754.0	0.8	0.7	10.9	778	0.871	0.786	10.6

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Appendix

INSIDEN SERANGAN PENYAKIT DAN PEROSAK, BENCANA, RUMPAI SERTA PADI REBAH DI LOKASI PERSAMPELAN,  
MENGIKUT NEGERI, SEMENANJUNG MALAYSIA DAN SABAH, MUSIM UTAMA 2020/2021  
Location of sample incidents of Pest and diseases, Disaster, Weeds and Lodge by state, Peninsular Malaysia and Sabah, Main Season 2020/2021

NEGERI State	BILANGAN SAMPEL DIANALISIS Number of samples analysed	FAKTOR YANG MENJEJASKAN HASIL PADI Factor of yield paddy affected																			
		SERANGAN PENYAKIT DAN PEROSAK Pests and diseases						BENCANA Disaster						RUMPAI Weeds		PADI REBAH Lodge		LAIN-LAIN Others			
		SERANGGA Insects		BINATANG Animals		PENYAKIT Diseases		SIPUT GONDANG EMAS Golden Apple Snail		KEMARAU Drought		BANJIR Flood		BIL. No.		%		BIL. No.		%	
		BIL. No.	%	BIL. No.	%	BIL. No.	%	BIL. No.	%	BIL. No.	%	BIL. No.	%	BIL. No.	%	BIL. No.	%	BIL. No.	%	BIL. No.	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)		
JOHOR	27	8	29.6	12	44.4	14	51.9	-	-	3	11.1	-	-	9	33.3	1	3.7	5	18.5		
KEDAH	708	584	82.5	113	16.0	429	60.6	-	-	82	11.6	12	1.7	399	56.4	44	6.2	147	20.8		
KELANTAN	469	241	51.4	227	48.4	167	35.6	20	4.3	123	26.2	45	9.6	289	61.6	16	3.4	-	-		
MELAKA	38	-	-	29	76.3	-	-	-	-	11	28.9	-	-	9	23.7	-	-	24	63.2		
N.SEMBILAN	30	6	20.0	6	20.0	-	-	-	-	3	10.0	3	10.0	9	30.0	7	23.3	3	10.0		
PAHANG	130	106	81.5	97	74.6	74	56.9	-	-	25	19.2	78	60.0	125	96.2	27	20.8	-	-		
PERAK	310	231	74.5	124	40.0	157	50.6	-	-	-	-	-	-	188	60.6	9	2.9	45	14.5		
PERLIS	194	118	60.8	48	24.7	120	61.9	-	-	39	20.1	2	1.0	63	32.5	38	19.6	59	30.4		
P. PINANG	92	66	71.7	48	52.2	19	20.7	-	-	3	3.3	2	2.2	37	40.2	4	4.3	-	-		
SELANGOR	108	63	58.3	5	4.6	68	63.0	-	-	4	3.7	-	-	35	32.4	15	13.9	24	22.2		
TERENGGANU	145	67	46.2	59	40.7	9	6.2	3	2.1	3	2.1	-	-	67	46.2	3	2.1	-	-		
SEM. MALAYSIA Pen. Malaysia	2,251	1,490	66.2	768	34.1	1,057	47.0	23	1.0	296	13.1	142	6.3	1,230	54.6	164	7.3	307	13.6		
SABAH	284	129	43.9	151	51.4	6	2.0	11	3.7	15	5.1	11	3.7	126	42.9	48	16.3	35	11.9		

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Appendix

INSIDEN SERANGAN PENYAKIT DAN PEROSAK, BENCANA, RUMPAI SERTA PADI REBAH DI LOKASI PERSAMPELAN,  
MENGIKUT KAWASAN JELAPANG PADI, MALAYSIA, MUSIM UTAMA 2020/2021  
Location of sample Incidents of Pest and diseases, Disaster, Weeds and Lodge by granary area, Malaysia, Main Season 2020/2021

JELAPANG PADI Granary area	BILANGAN SAMPel DIANALISIS Number of samples analysed	FAKTOR YANG MENJEJASKAN HASIL PADI Factor of yield paddy affected																	
		SERANGAN PENYAKIT DAN PEROSAK Pests and diseases						BENCANA Disaster				RUMPAI Weeds		PADI REBAH Lodge		LAIN-LAIN Others			
		SERANGGA Insects		BINATANG Animals		PENYAKIT Diseases		SIPUT GONDANG EMAS Golden Apple Snail		KEMARAU Drought		BANJIR Flood		BIL. No.		BIL. No.		BIL. No.	
		BIL. No.	%	BIL. No.	%	BIL. No.	%	BIL. No.	%	BIL. No.	%	BIL. No.	%	BIL. No.	%	BIL. No.	%	BIL. No.	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
MADA	675	564	83.6	130	19.3	438	64.9	-	-	109	16.1	7	1.0	354	52.4	60	8.9	206	30.5
KADA	271	120	44.3	174	64.2	93	34.3	20	7.4	48	17.7	-	-	128	47.2	7	2.6	-	-
IADA KERIAN	156	137	87.8	61	39.1	71	45.5	-	-	-	-	-	-	104	66.7	-	-	37	23.7
IADA BLS	108	63	58.3	5	4.6	68	63.0	-	-	4	3.7	-	-	35	32.4	15	13.9	24	22.2
IADA P. PINANG	92	66	71.7	48	52.2	19	20.7	-	-	3	3.3	2	2.2	37	40.2	4	4.3	-	-
IADA SEB. PERAK	97	82	84.5	51	52.6	74	76.3	-	-	-	-	-	-	66	68.0	6	6.2	8	8.2
IADA KETARA	61	14	23.0	14	23.0	-	-	-	-	-	-	-	-	14	23.0	-	-	-	-
IADA KEM. SEMERAK	51	41	80.4	2	3.9	14	27.5	-	-	15	29.4	9	17.6	45	88.2	6	11.8	-	-
IADA PEKAN	54	54	100.0	54	100.0	38	70.4	-	-	19	35.2	43	79.6	50	92.6	21	38.9	-	-
IADA ROMPIN	35	35	100.0	35	100.0	28	80.0	-	-	4	11.4	18	51.4	34	97.1	4	11.4	-	-
IADA KOTA BELUD	68	31	45.6	35	51.5	6	8.8	2	2.9	-	-	11	16.2	27	39.7	15	22.1	28	41.2
IADA BATANG LUPAR	37	22	59.5	15	40.5	6	16.2	-	-	-	-	6	16.2	16	43.2	5	13.5	1	2.7
JUMLAH Total	1,705	1,229	72.1	624	36.6	855	50.1	22	1.3	202	11.8	96	5.6	910	53.4	143	8.4	304	17.8

