



JABATAN
PERTANIAN

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

**2021
LUAR MUSIM
Off Season**

LAPORAN PENYIASATAN PENGELUARAN PADI
Paddy Production Survey Report
MALAYSIA

LUAR MUSIM
Off Season

JABATAN PERTANIAN
SEMENANJUNG MALAYSIA
Department of Agriculture
Peninsular Malaysia
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KATA PENGANTAR

Penerbitan Penyiasatan Pengeluaran Padi (PPP), Luar Musim 2021 kali ke 83 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 Mac 2021 hingga 31 Julai 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.

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DATO' ZAHIMI BIN HASSAN

Ketua Pengarah Pertanian Jabatan
Pertanian Semenanjung Malaysia.

November 2021

PREFACE

This publication on Paddy Production Survey (PPS), Off Season 2021 is one of the several publications produced by the Department of Agriculture which provides comprehensive information on paddy. This issue is the 83th in the series of PPS publications. The information refers to PPS for the period of paddy planting between 1st March 2021 to 31th July 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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<i>Members of the Implementation Committee on Paddy Production Survey at National Level</i>	

**PERANGKAAAN PENTING PADI
LUAR MUSIM**
Key Statistics of Paddy - Off Season

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
KELUASAN (HEKTAR)				
<i>Area (hectares)</i>				
Pasel Padi				
<i>Paddy Parcels</i>				
Malaysia	284,047	282,201	281,623	283,730
Semenanjung Malaysia	284,047	282,201	281,623	283,730
<i>Peninsular Malaysia</i>				
Kawasan jelapang padi	214,281	212,540	212,168	205,468
<i>Granary areas</i>				
Sabah	n.a	n.a	n.a	n.a
Sarawak	n.a	n.a	n.a	n.a
Keluasan Bertanam Padi				
<i>Planted paddy areas</i>				
Malaysia	263,926	261,050	261,198	266,560
Semenanjung Malaysia	253,794	252,072	250,940	256,934
<i>Peninsular Malaysia</i>				
Kawasan jelapang padi	208,166	205,831	205,880	205,468
<i>Granary areas</i>				
Sabah	9,870	8,782	10,062	9,368
Sarawak	262	196	196	258
PURATA HASIL (KG/HEKTAR)				
<i>Average yield (kg/ha)</i>				
Malaysia	4,199	3,809	4,089	4,116
Semenanjung Malaysia	4,230	3,823	4,120	4,134
<i>Peninsular Malaysia</i>				
Kawasan jelapang padi	4,627	4,536	4,505	4,276
<i>Granary areas</i>				
Sabah	3,442	3,432	3,340	3,673
Sarawak	2,506	3,051	2,609	2,085
ANGGARAN PENGELUARAN PADI ('000 TAN METRIK)				
<i>Estimates of Paddy Production ('000 metric tonnes)</i>				
Malaysia	1,108,168	994,359	1,068,030	1,097,062
Semenanjung Malaysia	1,073,538	963,626	1,033,911	1,062,117
<i>Peninsular Malaysia</i>				
Kawasan jelapang padi	963,282	933,694	927,481	878,651
<i>Granary areas</i>				
Sabah	33,974	30,136	33,607	34,407
Sarawak	656	597	512	538

SIMBOL/SINGKATAN YANG DIGUNAKAN

Symbols/Abbreviations used

p	Sementara <i>Provisional</i>
r	Pinda <i>Revised</i>
e	Anggaran <i>Estimate</i>
#	Kurang daripada 50 tan metrik <i>Less than 50 metric tonnes</i>
n.a	Tidak diperolehi <i>Not available</i>
-	Kosong <i>Nil</i>
RM	Ringgit Malaysia
MADA	Lembaga Kemajuan Pertanian Muda <i>Muda Agricultural Development Authority</i>
KADA	Lembaga Kemajuan Pertanian Kemubu <i>Kemubu Agricultural Development Authority</i>
IADA Kerian	Kawasan Pembangunan Pertanian Bersepadu Kerian <i>Kerian Integrated Agricultural Development Area</i>
IADA BLS	Kawasan Pembangunan Pertanian Bersepadu Barat Laut Selangor <i>Barat Laut Selangor Integrated Agricultural Development Area</i>
IADA	Kawasan Pembangunan Pertanian Bersepadu Pulau Pinang P Pinang <i>Pulau Pinang Integrated Agricultural Development Area</i>
IADA	Kawasan Pembangunan Pertanian Bersepadu Seberang Perak Seb Perak <i>Seberang Perak Integrated Agricultural Development Area</i>
IADA KETARA	Kawasan Pembangunan Pertanian Bersepadu Terengganu Utara <i>Northern Terengganu Integrated Agricultural Development Area</i>
IADA	Kawasan Pembangunan Pertanian Bersepadu Kemasin Semerak Kem Semerak <i>Kemasin Semerak Integrated Agricultural Development Area</i>
IADA	Kawasan Pembangunan Pertanian Bersepadu Pekan Pekan <i>Pekan Integrated Agricultural Development Area</i>
IADA	Kawasan Pembangunan Pertanian Bersepadu Rompin Rompin <i>Rompin Integrated Agricultural Development Area</i>
MARDI	Institut Penyelidikan dan Kemajuan Pertanian Malaysia <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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**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 diperolehi dari pengukuran objektif ini seperti data Padi Huma, data keluasan dan hasil diperolehi 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 diperolehi mengikut kaedah-kaedah seperti berikut:-

a) Kaedah Petak Ujian

Data hasil padi boleh diperolehi 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 diperolehi 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 diperolehi 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 ianya 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 Luar Musim 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.

The image features a close-up of a rice panicle, showing the individual grains and the central rachis. The background is a soft-focus field of rice plants. A large, dark green diagonal overlay covers the left and bottom portions of the image, creating a modern, graphic design. The text is centered within this green area.

***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 Off Season 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 Padd)

**JADUAL A1: BILANGAN SAMPEL (LOT) YANG DIRANCANG, SAMBUTANNYA SERTA YANG
DILAKSANA MENGIKUT NEGERI, MALAYSIA, LUAR MUSIM 2021**
*Table A1: Number of sample (lots) planned, responded and
conducted by state, Malaysia, Off Season 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	712	712	100.0	-	3	709
KELANTAN	469	469	100.0	-	-	469
MELAKA	39	39	100.0	-	-	39
N. SEMBILAN	30	30	100.0	-	-	30
PAHANG	128	128	100.0	-	-	128
PERAK	310	310	100.0	-	-	310
PERLIS	194	194	100.0	-	-	194
PULAU PINANG	92	92	100.0	-	-	92
SELANGOR	108	108	100.0	-	-	108
TERENGGANU	145	145	100.0	-	-	145
SEM. MALAYSIA Per. Malaysia	2,254	2,254	100.0	-	3	2,251
SABAH	96	96	100.0	5	-	91
SARAWAK	46	46	100.0	-	-	46
MALAYSIA	2,396	2,396	100.0	-	3	2,393

Catatan:
Notes: * Penyiataan sampel tidak dijalankan.
Sample survey was not conducted.

**JADUAL A2: BILANGAN SAMPEL (LOT) YANG DIRANCANG, SAMBUTANNYA SERTA YANG
DILAKSANA MENGIKUT KAWASAN JELAPANG PADI, MALAYSIA, LUAR MUSIM 2021**
Table A2: Number of samples (lots) planned, responded and
conducted by granary area, Malaysia, Off Season 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	25	25	100.0	-	-	25
IADA BATANG LUPAR *	2	2	100.0	-	-	2
JUMLAH Total	1,627	1,627	100.0	-	-	1,627

Catatan: * Penyiasatan sampel tidak dijalankan.

Notes: Sample survey was not conducted.

JADUAL B1: PURATA HASIL PADI BASAH, KERING DAN BERSIH MENGIKUT NEGERI,
JENIS KAWASAN DAN RALAT PIWAI RELATIF, MALAYSIA, LUAR MUSIM 2021
Table B1: Average yield of wet, dried and cleaned paddy by state,
area type and Relative Standard Error, Malaysia, Off Season 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			KESE- LURUHAN Overall	SKIM PENG- AIRAN Irrigation scheme	LUAR SKIM PENG- AIRAN Outside irrigation scheme
	KESE- LURUHAN Overall	SKIM PENG- AIRAN Irrigation scheme	LUAR SKIM PENG- AIRAN Outside irrigation scheme	KESE- LURUHAN Overall	SKIM PENG- AIRAN Irrigation scheme	LUAR SKIM PENG- AIRAN Outside irrigation scheme	KESE- LURUHAN Overall	SKIM PENG- AIRAN Irrigation scheme	LUAR SKIM PENG- AIRAN Outside irrigation scheme	KESE- LURUHAN Overall	SKIM PENG- AIRAN Irrigation scheme	LUAR SKIM PENG- AIRAN Outside irrigation scheme	(11)	(12)	(13)			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)						
JOHOR	4,678	4,678	-	4,241	4,241	-	4,121	4,121	-	4,121	-	-	3.2	3.2	-			
KEDAH	5,212	5,377	4,194	4,194	4,801	3,745	4,200	4,333	3,380	4,200	3,380	3,380	0.9	0.9	3.3			
KELANTAN	5,484	5,540	3,913	4,747	4,796	3,388	4,372	4,416	3,119	4,372	3,119	3,119	0.5	0.5	1.1			
MELAKA	3,988	4,000	3,979	3,329	3,339	3,321	3,055	3,064	3,048	3,055	3,064	3,048	1.6	2.9	1.6			
N. SEMBILAN	3,856	3,856	-	3,162	3,162	-	3,195	3,195	-	3,195	-	-	3.7	3.7	-			
PAHANG	3,977	3,977	-	3,681	3,681	-	3,358	3,358	-	3,358	-	-	8.7	2.5	-			
PERAK	4,647	4,647	-	3,918	3,918	-	3,151	3,151	-	3,151	-	-	1.0	1.0	-			
PERLIS	5,558	5,607	5,295	5,204	5,250	4,957	4,695	4,736	4,472	4,695	4,736	4,472	1.6	1.5	7.1			
PULAU PINANG	6,993	6,993	-	6,028	6,028	-	5,595	5,595	-	5,595	-	-	1.8	1.8	-			
SELANGOR	5,205	5,205	-	4,377	4,377	-	3,883	3,883	-	3,883	-	-	2.5	2.5	-			
TERENGGANU	5,364	5,391	3,451	4,643	4,667	2,987	3,855	3,875	2,480	3,855	3,875	2,480	1.3	2.9	0.9			
SEM. MALAYSIA Pen. Malaysia	5,259	5,340	4,376	4,444	4,700	3,938	4,134	4,185	3,558	4,134	4,185	3,558	0.7	0.7	3.4			
SABAH	4,546	-	-	4,177	-	-	3,673	-	-	3,673	-	-	2.9	-	-			
SARAWAK	2,543	-	-	2,305	-	-	2,085	-	-	2,085	-	-	1.7	-	-			
MALAYSIA	5,259*	5,340*	4,376*	4,444*	4,700*	3,938*	4,116	4,185*	3,558*	4,116	4,185*	3,558*	0.5*	0.7*	3.4*			

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, LUAR MUSIM 2021**
*Table B2: Average yield of wet paddy by state, district
and area type, Malaysia, Off Season 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 PENGAIIRAN Irrigation scheme	LUAR SKIM PENGAIIRAN Outside irrigation scheme		KESELURUHAN Overall	SKIM PENGAIIRAN Irrigation scheme	LUAR SKIM PENGAIIRAN Outside irrigation scheme
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
JOHOR	4,678	4,678	-	-	4,678	4,678	-
1. Batu Pahat	3,967	3,967	-	-	3,967	3,967	-
2. Kluang	-	-	-	-	-	-	-
3. Mersing	1,917	4,518	-	-	1,917	4,518	-
4. Muar	-	-	-	-	-	-	-
5. Tangkak	4,868	4,868	-	-	4,868	4,868	-
KEDAH	5,212	5,377	4,194	5,475	4,377	4,632	4,194
1. Baling	3,969	3,970	3,968	-	3,969	3,970	3,968
2. Bandar Baharu	4,038	4,038	-	-	4,038	4,038	-
3. Pokok Sena	4,025	-	4,025	-	4,025	-	4,025
4. Kuala Muda	5,146	5,719	3,929	-	5,146	5,719	3,929
5. Kubang Pasu	5,267	4,679	5,598	-	5,267	4,679	5,598
6. Kulim	3,413	3,413	-	-	3,413	3,413	-
7. Langkawi	3,199	2,791	3,672	-	3,199	2,791	3,672
8. Padang Terap	3,945	3,331	4,004	-	3,945	3,331	4,004
9. Pendang	4,629	-	4,629	-	4,629	-	4,629
10. Sik	2,963	2,832	3,233	-	2,963	2,832	3,233
11. Yan	4,278	4,254	4,306	-	4,278	4,254	4,306
12. MADA Wilayah II	5,430	5,430	-	5,430	-	-	-
13. MADA Wilayah III	5,303	5,303	-	5,303	-	-	-
14. MADA Wilayah IV	5,688	5,688	-	5,688	-	-	-
KELANTAN	5,484	5,540	3,913	5,637	4,443	4,639	3,913
1. Bachok	5,236	5,236	-	5,361 * 4,547 **	-	-	-
2. Jeli	-	-	-	-	-	-	-
3. Kota Bharu	5,795	5,797	3,950	5,803 *	3,854	3,806	3,950
4. Kuala Krai	3,309	3,183	3,850	-	3,309	3,183	3,850
5. Machang	4,689	4,836	4,250	-	4,689	4,836	4,250
6. Pasir Mas	5,478	5,527	4,182	5,710 *	4,199	4,204	4,182
7. Pasir Puteh	5,724	5,811	2,932	6,758 * 4,449 **	3,500	4,269	2,932
8. Tanah Merah	4,539	4,650	3,952	-	4,539	4,650	3,952
9. Tumpat	5,422	5,449	4,161	5,473 *	4,889	5,118	4,161

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

*Table B2: Average yield of wet paddy by state, district
and area type, Malaysia, Off Season 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)
MELAKA	3,988	4,000	3,979	-	3,988	4,000	3,979
1. Alor Gajah	3,619	3,645	3,500	-	3,619	3,645	3,500
2. Jasin	6,998	4,234	3,384	-	6,998	4,234	3,384
3. Melaka Tengah	4,047	4,112	4,028	-	4,047	4,112	4,028
N. SEMBILAN	3,856	3,856	-	-	3,856	3,856	-
1. Jelebu	2,633	2,633	-	-	2,633	2,633	-
2. Jempol	2,761	2,761	-	-	2,761	2,761	-
3. Kuala Pilah	5,223	5,223	-	-	5,223	5,223	-
4. Rembau	-	-	-	-	-	-	-
5. Tampin	-	-	-	-	-	-	-
PAHANG	3,977	3,977	-	4,016	3,254	3,254	-
1. Bera	3,310	3,310	-	-	3,310	3,310	-
2. Jerantut	1,707	1,707	-	-	1,707	1,707	-
3. Kuantan	3,851	3,851	-	-	3,851	3,851	-
4. Maran	3,416	3,416	-	-	3,416	3,416	-
5. Pekan	2,944	2,944	-	2,944 ***	-	-	-
6. Rompin	4,704	4,704	-	4,704 ****	-	-	-
PERAK	4,647	4,647	-	4,662	4,567	4,567	-
1. Kerian	4,990	4,990	-	4,990 *	-	-	-
2. Larut Matang & Selama	4,178	4,178	-	-	4,178	4,178	-
3. Kuala Kangsar	4,204	4,204	-	-	4,204	4,204	-
4. Hilir Perak	4,234	4,234	-	3,594 **	5,911	5,911	-
5. Perak Tengah	4,377	4,377	-	4,562 **	3,892	3,892	-

*IADA KERIAN

**IADA Seberang Perak

***IADA Pekan

****IADA Rompin

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, LUAR MUSIM 2021 (SAMB.)**

*Table B2: Average yield of wet paddy by state, district
and area type, Malaysia, Off Season 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)
PERLIS	5,558	5,607	5,295	5,571	5,540	5,755	5,295
1. MADA Wilayah I	5,571	5,571	-	5,571	-	-	-
2. Perlis (LMADA)	5,540	5,755	5,295	-	5,540	5,755	5,295
PULAU PINANG	6,993	6,993	-	6,993	-	-	-
1. Barat Daya	6,663	6,663	-	6,663	-	-	-
2. Seb. P. Tengah	7,709	7,709	-	7,709	-	-	-
3. Seb. P. Utara	6,985	6,985	-	6,985	-	-	-
4. Seb. P. Selatan	5,763	5,763	-	5,763	-	-	-
SELANGOR	5,205	5,205	-	5,205	-	-	-
1. Kuala Selangor	5,583	5,583	-	5,583	-	-	-
2. Sabak Bernam	5,041	5,041	-	5,041	-	-	-
TERENGGANU	5,364	5,391	3,451	6,787	3,720	3,728	3,451
1. Besut	6,023	6,061	3,567	6,787 *	4,344	4,384	3,567
2. Dungun	-	-	-	-	-	-	-
3. H. Terengganu	3,638	3,638	-	-	3,638	3,638	-
4. K. Terengganu	3,152	3,152	-	-	3,152	3,152	-
5. Kemaman	2,884	2,884	-	-	2,884	2,884	-
6. Marang	-	-	-	-	-	-	-
7. Setiu	2,951	2,953	2,825	-	2,951	2,953	2,825
8. Kuala Nerus	-	-	-	-	-	-	-
SEM. MALAYSIA Pen. Malaysia	5,259	5,340	4,376	5,436	4,548	4,658	4,376

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

*Table B2: Average yield of wet paddy by state, district
and area type, Malaysia, Off Season 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)
SABAH	4,546	-	-	4,808	4,446	-	-
1. Beaufort	4,133	-	-	-	4,133	-	-
2. Keningau	4,970	-	-	-	4,970	-	-
3. Kota Belud	4,808	-	-	4,808 *	-	-	-
4. Kota Marudu	4,160	-	-	-	4,160	-	-
5. Papar	5,092	-	-	-	5,092	-	-
6. Penampang	4,833	-	-	-	4,833	-	-
7. Pitas	3,800	-	-	-	3,800	-	-
8. Sipitang	4,550	-	-	-	4,550	-	-
9. Tambunan	4,267	-	-	-	4,267	-	-
10. Tenom	4,017	-	-	-	4,017	-	-
11. Tuaran	5,000	-	-	-	5,000	-	-
12. Beluran	3,733	-	-	-	3,733	-	-
12. Tawau	-	-	-	-	-	-	-
13. Lain-lain Daerah	4,235	-	-	-	4,235	-	-

*IADA Kota Belud

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, LUAR MUSIM 2021 (SAMB.)**

*Table B2: Average yield of wet paddy by state, district
and area type, Malaysia, Off Season 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 PENGAIIRAN Irrigation scheme	LUAR SKIM PENGAIIRAN Outside irrigation scheme		KESELURUHAN Overall	SKIM PENGAIIRAN Irrigation scheme	LUAR SKIM PENGAIIRAN Outside irrigation scheme
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
SARAWAK	2,543	-	-	1,500	2,623	-	-
1. Siburan	4,540	-	-	-	4,540	-	-
2. Kuching	-	-	-	-	-	-	-
3. Bau	-	-	-	-	-	-	-
4. Lundu	1,040	-	-	-	1,040	-	-
5. Sri Aman	1,500	-	-	1,500 **	-	-	-
6. Pantu	2,290	-	-	-	2,290	-	-
7. Lubok Antu	-	-	-	-	-	-	-
8. Sibiu	-	-	-	-	-	-	-
9. Kanowit	-	-	-	-	-	-	-
10. Selangau	-	-	-	-	-	-	-
11. Miri	-	-	-	-	-	-	-
12. Marudi	-	-	-	-	-	-	-
13. Limbang	-	-	-	-	-	-	-
14. Lawas	-	-	-	-	-	-	-
15. Sarikei	-	-	-	-	-	-	-
16. Maradong	-	-	-	-	-	-	-
17. Julau	-	-	-	-	-	-	-
18. Pakan	-	-	-	-	-	-	-
19. Kapit	-	-	-	-	-	-	-
20. Song	-	-	-	-	-	-	-
21. Belaga	-	-	-	-	-	-	-
22. Samarahan	-	-	-	-	-	-	-
23. Serian	-	-	-	-	-	-	-
24. Simunjan	-	-	-	-	-	-	-
25. Asajaya	-	-	-	-	-	-	-
26. Tatau	-	-	-	-	-	-	-
27. Mukah	-	-	-	-	-	-	-
28. Dalat	-	-	-	-	-	-	-
29. Daro	-	-	-	-	-	-	-
30. Matu	-	-	-	-	-	-	-
31. Saribas	-	-	-	-	-	-	-
32. Kalaka	-	-	-	-	-	-	-
MALAYSIA	5,259*	5,340*	4,376*	5,436*	4,548*	4,658*	4,376*

** 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).

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

**JADUAL B3: PURATA HASIL PADI KERING MENGIKUT NEGERI, DAERAH
DAN JENIS KAWASAN, MALAYSIA, LUAR MUSIM 2021**
*Table B3: Average yield of dried paddy by state, district
and area type, Malaysia, Off Season 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 PENGAIIRAN Irrigation scheme	LUAR SKIM PENGAIIRAN Outside irrigation scheme		KESELURUHAN Overall	SKIM PENGAIIRAN Irrigation scheme	LUAR SKIM PENGAIIRAN Outside irrigation scheme
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
JOHOR	4,241	4,241	-	-	4,241	4,241	-
1. Batu Pahat	3,494	3,494	-	-	3,494	3,494	-
2. Kluang	-	-	-	-	-	-	-
3. Mersing	4,096	4,096	-	-	4,096	4,096	-
4. Muar	-	-	-	-	-	-	-
5. Tangkak	4,414	4,414	-	-	4,414	4,414	-
KEDAH	4,194	4,801	3,745	4,933	3,909	4,136	3,745
1. Baling	3,544	3,545	3,543	-	3,544	3,545	3,543
2. Bandar Bharu	3,606	3,606	-	-	3,606	3,606	-
3. Pokok Sena	3,594	-	3,594	-	3,594	-	3,594
4. Kuala Muda	4,595	5,107	3,508	-	4,595	5,107	3,508
5. Kubang Pasu	4,703	4,178	4,999	-	4,703	4,178	4,999
6. Kulim	3,047	3,047	-	-	3,047	3,047	-
7. Langkawi	2,857	2,492	3,279	-	2,857	2,492	3,279
8. Padang Terap	3,523	2,975	3,575	-	3,523	2,975	3,575
9. Pendang	4,133	-	4,133	-	4,133	-	4,133
10. Sik	2,646	2,529	2,887	-	2,646	2,529	2,887
11. Yan	3,821	3,799	3,845	-	3,821	3,799	3,845
12. MADA Wilayah II	4,892	4,892	-	4,892	-	-	-
13. MADA Wilayah III	4,778	4,778	-	4,778	-	-	-
14. MADA Wilayah IV	5,125	5,125	-	5,125	-	-	-
KELANTAN	4,747	4,796	3,388	4,783	3,845	4,016	3,388
1. Bachok	4,533	4,533	-	4,554 * 3,816 **	-	-	-
2. Jeli	-	-	-	-	-	-	-
3. Kota Bharu	5,016	5,019	3,420	4,930 *	3,336	3,295	3,420
4. Kuala Krai	2,865	2,756	3,333	-	2,865	2,756	3,333
5. Machang	4,059	4,187	3,679	-	4,059	4,187	3,679
6. Pasir Mas	4,742	4,784	3,620	4,851 *	3,635	3,640	3,620
7. Pasir Puteh	4,956	5,031	2,538	5,741 * 3,734 **	3,030	3,696	2,538
8. Tanah Merah	3,929	4,026	3,421	-	3,929	4,026	3,421
9. Tumpat	4,694	4,717	3,602	4,649 *	4,233	4,431	3,602

* 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, LUAR MUSIM 2021 (SAMB.)**

*Table B3: Average yield of dried paddy by state, district
and area type, Malaysia, Off Season 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)
MELAKA	3,329	3,339	3,321	-	3,329	3,339	3,321
1. Alor Gajah	3,021	3,042	2,922	-	3,021	3,042	2,922
2. Jasin	5,841	3,534	2,825	-	5,841	3,534	2,825
3. Melaka Tengah	3,378	3,432	3,363	-	3,378	3,432	3,363
N. SEMBILAN	3,162	3,162	-	-	3,162	3,162	-
1. Jelebu	2,159	2,159	-	-	2,159	2,159	-
2. Jempol	2,263	2,263	-	-	2,263	2,263	-
3. Kuala Pilah	4,282	4,282	-	-	4,282	4,282	-
4. Rembau	-	-	-	-	-	-	-
5. Tampin	-	-	-	-	-	-	-
PAHANG	3,681	3,681	-	3,733	3,012	3,012	-
1. Bera	3,064	3,064	-	-	3,064	3,064	-
2. Jerantut	1,580	1,580	-	-	1,580	1,580	-
3. Kuantan	3,564	3,564	-	-	3,564	3,564	-
4. Maran	3,162	3,162	-	-	3,162	3,162	-
5. Pekan	2,693	2,693	-	2,693 ***	-	-	-
6. Rompin	4,400	4,400	-	4,400 ****	-	-	-
PERAK	3,918	3,918	-	3,939	3,850	3,850	-
1. Kerian	4,251	4,251	-	4,251 *	-	-	-
2. Larut Matang & Selama	3,522	3,522	-	-	3,522	3,522	-
3. Kuala Kangsar	3,544	3,544	-	-	3,544	3,544	-
4. Hilir Perak	3,569	3,569	-	2,994 **	4,983	4,983	-
5. Perak Tengah	3,689	3,689	-	3,800 **	3,282	3,282	-

*IADA KERIAN

**IADA Seberang Perak

***IADA Pekan

****IADA Rompin

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: HASIL PURATA PADI KERING MENGIKUT NEGERI, DAERAH
DAN JENIS KAWASAN, MALAYSIA, LUAR MUSIM 2021 (SAMB.)**
*Table B3: Average yield of dried paddy by state, district
and area type, Malaysia, Off Season 2021 (cont'd.)*

NEGERI/DAERAH <i>State/District</i>	HASIL PURATA PADI KERING (KG/HA) <i>Average yield of dried paddy (kg/ha)</i>						
	KESELURUHAN <i>Overall</i>			JELAPANG PADI <i>Granary Area</i>	LUAR JELAPANG PADI <i>Outside Granary Area</i>		
	KESELURUHAN <i>Overall</i>	SKIM PENGAIARAN <i>Irrigation scheme</i>	LUAR SKIM PENGAIARAN <i>Outside irrigation scheme</i>		KESELURUHAN <i>Overall</i>	SKIM PENGAIARAN <i>Irrigation scheme</i>	LUAR SKIM PENGAIARAN <i>Outside irrigation scheme</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PERLIS	5,204	5,250	4,957	4,906	5,187	5,388	4,957
1. MADA Wilayah I	4,906	4,906	-	4,906	-	-	-
2. Perlis (L/MADA)	5,187	5,388	4,957	-	5,187	5,388	4,957
PULAU PINANG	6,028	6,028	-	6,028	-	-	-
1. Barat Daya	5,743	5,743	-	5,743	-	-	-
2. Seb. P. Tengah	6,645	6,645	-	6,645	-	-	-
3. Seb. P. Utara	6,021	6,021	-	6,021	-	-	-
4. Seb. P. Selatan	4,968	4,968	-	4,968	-	-	-
SELANGOR	4,377	4,377	-	4,377	-	-	-
1. Kuala Selangor	4,695	4,695	-	4,695	-	-	-
2. Sabak Bernam	4,239	4,239	-	4,239	-	-	-
TERENGGANU	4,643	4,667	2,987	5,940	3,220	3,227	2,987
1. Besut	5,214	5,247	3,087	5,940 *	3,760	3,795	3,087
2. Dungun	-	-	-	-	-	-	-
3. H. Terengganu	3,149	3,149	-	-	3,149	3,149	-
4. K. Terengganu	2,729	2,729	-	-	2,729	2,729	-
5. Kemaman	2,497	2,497	-	-	2,497	2,497	-
6. Marang	-	-	-	-	-	-	-
7. Setiu	2,555	2,556	2,446	-	2,555	2,556	2,446
8. Kuala Nerus	-	-	-	-	-	-	-
SEM. MALAYSIA <i>Pen. Malaysia</i>	4,444	4,700	3,938	4,758	4,056	4,127	3,938

*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, LUAR MUSIM 2021 (SAMB.)**

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

NEGERI/DAERAH <i>State/District</i>	PURATA HASIL PADI KERING (KG/HA) <i>Average yield of dried paddy (kg/ha)</i>						
	KESELURUHAN <i>Overall</i>			JELAPANG PADI <i>Granary Area</i>	LUAR JELAPANG PADI <i>Outside Granary Area</i>		
	KESELURUHAN <i>Overall</i>	SKIM PENGAIRAN <i>Irrigation scheme</i>	LUAR SKIM PENGAIRAN <i>Outside irrigation scheme</i>		KESELURUHAN <i>Overall</i>	SKIM PENGAIRAN <i>Irrigation scheme</i>	LUAR SKIM PENGAIRAN <i>Outside irrigation scheme</i>
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
SABAH	4,177	-	-	4,558	4,037	-	-
1. Beaufort	3,555	-	-	-	3,555	-	-
2. Keningau	4,622	-	-	-	4,622	-	-
3. Kota Belud	4,558	-	-	4,558 *	-	-	-
4. Kota Marudu	3,707	-	-	-	3,707	-	-
5. Papar	4,745	-	-	-	4,745	-	-
6. Penampang	3,978	-	-	-	3,978	-	-
7. Pitas	3,682	-	-	-	3,682	-	-
8. Sipitang	4,209	-	-	-	4,209	-	-
9. Tambunan	3,763	-	-	-	3,763	-	-
10. Tenom	3,723	-	-	-	3,723	-	-
11. Tuaran	4,670	-	-	-	4,670	-	-
12. Beluran	3,453	-	-	-	3,453	-	-
12. Tawau	-	-	-	-	-	-	-
13. Lain-lain Daerah	4,037	-	-	-	4,037	-	-

*IADA Kota Belud

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

*Table B3: Average yield of dried paddy by state, district
and area type, Malaysia, Off Season 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 PENGAIKAN Irrigation scheme	LUAR SKIM PENGAIKAN Outside irrigation scheme		KESELURUHAN Overall	SKIM PENGAIKAN Irrigation scheme	LUAR SKIM PENGAIKAN Outside irrigation scheme
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
SARAWAK	2,305	-	-	1,424	2,611	-	-
1. Siburan	4,540	-	-	-	4,540	-	-
2. Kuching	-	-	-	-	-	-	-
3. Bau	-	-	-	-	-	-	-
4. Lundu	1,025	-	-	-	1,025	-	-
5. Sri Aman	1,424	-	-	1,424 **	-	-	-
6. Pantu	2,290	-	-	-	2,290	-	-
7. Lubok Antu	-	-	-	-	-	-	-
8. Sibul	-	-	-	-	-	-	-
9. Kanowit	-	-	-	-	-	-	-
10. Selangau	-	-	-	-	-	-	-
11. Miri	-	-	-	-	-	-	-
12. Marudi	-	-	-	-	-	-	-
13. Limbang	-	-	-	-	-	-	-
14. Lawas	-	-	-	-	-	-	-
15. Sarikei	-	-	-	-	-	-	-
16. Maradong	-	-	-	-	-	-	-
17. Julau	-	-	-	-	-	-	-
18. Pakan	-	-	-	-	-	-	-
19. Kapit	-	-	-	-	-	-	-
20. Song	-	-	-	-	-	-	-
21. Belaga	-	-	-	-	-	-	-
22. Samarahan	-	-	-	-	-	-	-
23. Serian	-	-	-	-	-	-	-
24. Simunjan	-	-	-	-	-	-	-
25. Asajaya	-	-	-	-	-	-	-
26. Tatau	-	-	-	-	-	-	-
27. Mukah	-	-	-	-	-	-	-
28. Dalat	-	-	-	-	-	-	-
29. Daro	-	-	-	-	-	-	-
30. Matu	-	-	-	-	-	-	-
31. Saribas	-	-	-	-	-	-	-
32. Kalaka	-	-	-	-	-	-	-
MALAYSIA	4,444*	4,700*	3,938*	4,758*	4,056*	4,127*	3,938*

** 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).

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

**JADUAL B4: PURATA HASIL PADI BERSIH MENGIKUT NEGERI, DAERAH
DAN JENIS KAWASAN, MALAYSIA, LUAR MUSIM 2021**
*Table B4: Average yield of cleaned paddy by state, district
and area type, Malaysia, Off Season 2021*

NEGERI/DAERAH State/District	PURATA HASIL PADI BERSIH (KG/HA) Average yield of cleaned paddy (kg/ha)							RALAT PIAWAI 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)
JOHOR	4,121	4,121	-	-	4,121	4,121	-	3.2
1. Batu Pahat	3,494	3,494	-	-	3,494	3,494	-	10.8
2. Kluang	-	-	-	-	-	-	-	-
3. Mersing	3,980	3,980	-	-	3,980	3,980	-	7.2
4. Muar	-	-	-	-	-	-	-	-
5. Tangkak	4,289	4,289	-	-	4,289	4,289	-	3.1
KEDAH	4,200	4,333	3,380	4,457	3,528	3,733	3,380	0.9
1. Baling	3,199	3,200	3,198	-	3,199	3,200	3,198	4.7
2. Bandar Baru	3,254	3,254	-	-	3,254	3,254	-	26.8
3. Pokok Sena	3,244	-	3,244	-	3,244	-	3,244	10.2
4. Kuala Muda	4,147	4,610	3,167	-	4,147	4,610	3,167	9.1
5. Kubang Pasu	4,245	3,771	4,512	-	4,245	3,771	4,512	6.8
6. Kulim	2,751	2,751	-	-	2,751	2,751	-	16.8
7. Langkawi	2,579	2,250	2,960	-	2,579	2,250	2,960	4.8
8. Padang Terap	3,179	2,685	3,227	-	3,179	2,685	3,227	11.5
9. Pendang	3,731	-	3,731	-	3,731	-	3,731	0.6
10. Sik	2,388	2,283	2,606	-	2,388	2,283	2,606	11.3
11. Yan	3,448	3,429	3,471	-	3,448	3,429	3,471	1.3
12. MADA Wilayah II	4,420	4,420	-	4,420	-	-	-	1.3
13. MADA Wilayah III	4,317	4,317	-	4,317	-	-	-	1.5
14. MADA Wilayah IV	4,630	4,630	-	4,630	-	-	-	1.0
KELANTAN	4,372	4,416	3,119	4,467	3,542	3,698	3,119	0.5
1. Bachok	4,174	4,174	-	4,251 *	-	-	-	0.6
				3,589 **				
2. Jeli	-	-	-	-	-	-	-	-
3. Kota Bharu	4,619	4,621	3,149	4,601 *	3,072	3,034	3,149	1.3
4. Kuala Krai	2,638	2,538	3,069	-	2,638	2,538	3,069	1.7
5. Machang	3,738	3,855	3,388	-	3,738	3,855	3,388	3.4
6. Pasir Mas	4,367	4,406	3,333	4,527 *	3,347	3,352	3,333	1.0
7. Pasir Puteh	4,563	4,633	2,337	5,358 *	2,790	3,403	2,337	1.3
				3,512 **				
8. Tanah Merah	3,618	3,707	3,150	-	3,618	3,707	3,150	0.4
9. Tumpat	4,322	4,344	3,317	4,339 *	3,898	4,080	3,317	1.1

* 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 (xxxi).

**JADUAL B4: PURATA HASIL PADI BERSIH MENGIKUT NEGERI, DAERAH
DAN JENIS KAWASAN, MALAYSIA, LUAR MUSIM 2021 (SAMB.)**
*Table B4: Average yield of cleaned paddy by state, district
and area type, Malaysia, Off Season 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 PENGAIRAN <i>Irrigation scheme</i>	LUAR SKIM PENGAIRAN <i>Outside irrigation scheme</i>		KESELURUHAN <i>Overall</i>	SKIM PENGAIRAN <i>Irrigation scheme</i>	LUAR SKIM PENGAIRAN <i>Outside irrigation scheme</i>	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
MELAKA	3,055	3,064	3,048	-	3,055	3,064	3,048	1.6
1. Alor Gajah	2,772	2,792	2,681	-	2,772	2,792	2,681	1.3
2. Jasin	5,360	3,243	2,592	-	5,360	3,243	2,592	6.8
3. Melaka Tengah	3,100	3,150	3,086	-	3,100	3,150	3,086	1.4
N. SEMBILAN	3,195	3,195	-	-	3,195	3,195	-	3.7
1. Jelebu	2,182	2,182	-	-	2,182	2,182	-	8.4
2. Jempol	2,287	2,287	-	-	2,287	2,287	-	1.3
3. Kuala Pilah	4,327	4,327	-	-	4,327	4,327	-	5.2
4. Rembau	-	-	-	-	-	-	-	-
5. Tampin	-	-	-	-	-	-	-	-
PAHANG	3,358	3,358	-	3,457	2,748	2,748	-	8.7
1. Bera	2,795	2,795	-	-	2,795	2,795	-	7.2
2. Jerantut	1,442	1,442	-	-	1,442	1,442	-	20.7
3. Kuantan	3,252	3,252	-	-	3,252	3,252	-	17.2
4. Maran	2,885	2,885	-	-	2,885	2,885	-	17.5
5. Pekan	2,383	2,383	-	2,383 ***	-	-	-	1.9
6. Rompin	4,146	4,146	-	4,146 ****	-	-	-	3.6
PERAK	3,151	3,151	-	3,275	3,096	3,096	-	1.0
1. Kerian	3,767	3,767	-	3,767 *	-	-	-	0.7
2. Larut Matang & Selama	2,833	2,833	-	-	2,833	2,833	-	2.3
3. Kuala Kangsar	2,850	2,850	-	-	2,850	2,850	-	1.6
4. Hilir Perak	2,871	2,871	-	2,210 **	4,008	4,008	-	3.3
5. Perak Tengah	2,967	2,967	-	2,806 **	2,639	2,639	-	2.5

*IADA KERIAN

**IADA Seberang Perak

***IADA Pekan

****IADA Rompin

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, LUAR MUSIM 2021 (SAMB.)**
*Table B4: Average yield of cleaned paddy by state, district
and area type, Malaysia, Off Season 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 PENGAIARAN <i>Irrigation scheme</i>	LUAR SKIM PENGAIARAN <i>Outside irrigation scheme</i>		KESELURUHAN <i>Overall</i>	SKIM PENGAIARAN <i>Irrigation scheme</i>	LUAR SKIM PENGAIARAN <i>Outside irrigation scheme</i>	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
PERLIS	4,695	4,736	4,472	4,498	4,679	4,861	4,472	1.6
1. MADA Wilayah I	4,498	4,498	-	4,498	-	-	-	0.7
2. Perlis (L/MADA)	4,679	4,861	4,472	-	4,679	4,861	4,472	4.7
PULAU PINANG	5,595	5,595	-	5,595	-	-	-	1.8
1. Barat Daya	5,331	5,331	-	5,331	-	-	-	0.0
2. Seb. P. Tengah	6,168	6,168	-	6,168	-	-	-	5.0
3. Seb. P. Utara	5,589	5,589	-	5,589	-	-	-	2.0
4. Seb. P. Selatan	4,612	4,612	-	4,612	-	-	-	7.1
SELANGOR	3,883	3,883	-	3,883	-	-	-	2.5
1. Kuala Selangor	4,165	4,165	-	4,165	-	-	-	3.9
2. Sabak Bernam	3,760	3,760	-	3,760	-	-	-	3.2
TERENGGANU	3,855	3,875	2,480	5,029	2,673	2,680	2,480	1.3
1. Besut	4,329	4,356	2,563	5,029 *	3,122	3,151	2,563	1.5
2. Dungun	-	-	-	-	-	-	-	-
3. H. Terengganu	2,615	2,615	-	-	2,615	2,615	-	7.6
4. K. Terengganu	2,266	2,266	-	-	2,266	2,266	-	0.4
5. Kemaman	2,073	2,073	-	-	2,073	2,073	-	7.7
6. Marang	-	-	-	-	-	-	-	-
7. Setiu	2,121	2,122	2,030	-	2,121	2,122	2,030	0.1
8. Kuala Nerus	-	-	-	-	-	-	-	-
SEM. MALAYSIA <i>Pen. Malaysia</i>	4,134	4,185	3,558	4,276	3,619	3,651	3,558	0.7

***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, LUAR MUSIM 2021 (SAMB.)**

*Table B4: Average yield of cleaned paddy by state, district
and area type, Malaysia, Off Season 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 PENGAIRAN <i>Irrigation scheme</i>	LUAR SKIM PENGAIRAN <i>Outside irrigation scheme</i>		KESELURUHAN <i>Overall</i>	SKIM PENGAIRAN <i>Irrigation scheme</i>	LUAR SKIM PENGAIRAN <i>Outside irrigation scheme</i>	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
SABAH	3,673	-	-	3,818	3,610	-	-	2.9
1. Beaufort	3,236	-	-	-	3,236	-	-	1.0
2. Keningau	4,374	-	-	-	4,374	-	-	11.0
3. Kota Belud	3,818	-	-	3,818 *	-	-	-	2.1
4. Kota Marudu	3,249	-	-	-	3,249	-	-	1.6
5. Papar	4,364	-	-	-	4,364	-	-	6.9
6. Penampang	3,722	-	-	-	3,722	-	-	4.8
7. Pitas	3,184	-	-	-	3,184	-	-	2.4
8. Sipitang	3,713	-	-	-	3,713	-	-	1.7
9. Tambunan	3,418	-	-	-	3,418	-	-	4.1
10. Tenom	3,402	-	-	-	3,402	-	-	36.7
11. Tuaran	3,700	-	-	-	3,700	-	-	0.7
12. Beluran	3,192	-	-	-	3,192	-	-	16.8
12. Tawau	-	-	-	-	-	-	-	-
13. Lain-lain Daerah	3,439	-	-	-	3,439	-	-	3.5

* IADA Kota Belud

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, LUAR MUSIM 2021 (SAMB.)**
*Table B4: Average yield of cleaned paddy by state, district
and area type, Malaysia, Off Season 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 PENGAIRAN <i>Irrigation scheme</i>	LUAR SKIM PENGAIRAN <i>Outside irrigation scheme</i>		KESELURUHAN <i>Overall</i>	SKIM PENGAIRAN <i>Irrigation scheme</i>	LUAR SKIM PENGAIRAN <i>Outside irrigation scheme</i>	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
SARAWAK	2,085	-	-	1,295	2,360	-	-	1.7
1. Siburan	4,339	-	-	-	4,339	-	-	7.4
2. Kuching	-	-	-	-	-	-	-	-
3. Bau	-	-	-	-	-	-	-	-
4. Lundu	928	-	-	-	928	-	-	6.4
5. Sri Aman	1,295	-	-	1,295 **	-	-	-	2.0
6. Pantu	1,949	-	-	-	1,949	-	-	6.2
7. Lubok Antu	-	-	-	-	-	-	-	-
8. Sibiu	-	-	-	-	-	-	-	-
9. Kanowit	-	-	-	-	-	-	-	-
10. Selangau	-	-	-	-	-	-	-	-
11. Miri	-	-	-	-	-	-	-	-
12. Marudi	-	-	-	-	-	-	-	-
13. Limbang	-	-	-	-	-	-	-	-
14. Lawas	-	-	-	-	-	-	-	-
15. Sarikei	-	-	-	-	-	-	-	-
16. Maradong	-	-	-	-	-	-	-	-
17. Julau	-	-	-	-	-	-	-	-
18. Pakan	-	-	-	-	-	-	-	-
19. Kapit	-	-	-	-	-	-	-	-
20. Song	-	-	-	-	-	-	-	-
21. Belaga	-	-	-	-	-	-	-	-
22. Samarahan	-	-	-	-	-	-	-	-
23. Serian	-	-	-	-	-	-	-	-
24. Simunjan	-	-	-	-	-	-	-	-
25. Asajaya	-	-	-	-	-	-	-	-
26. Tatau	-	-	-	-	-	-	-	-
27. Mukah	-	-	-	-	-	-	-	-
28. Dalat	-	-	-	-	-	-	-	-
29. Daro	-	-	-	-	-	-	-	-
30. Matu	-	-	-	-	-	-	-	-
31. Saribas	-	-	-	-	-	-	-	-
32. Kalaka	-	-	-	-	-	-	-	-
MALAYSIA	4,116	4,185*	3,558*	4,276 *	3,619*	3,651*	3,558*	0.7*

** 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).

* 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, LUAR MUSIM 2021**
*Table B5: Paddy parcel area and paddy planted area
by state and area type, Malaysia, Off Season 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)	BIL. UKT AKTIF BER- TANAM PADI (BLOK) No. Of Active AAU Planted With Paddy (Block)	KELUASAN BERTANAM PADI (HEKTAR) Paddy Planted Area (Hectare)	% BER- TANAM Area Planted	% BER- TANAM Area Planted	BIL. UKT BERPASEL PADI (BLOK) No. of AAU With Paddy Parcel (Block)	KELUASAN PASEL (HEKTAR) Paddy Parcel Area (Hectare)	BIL. UKT AKTIF BER- TANAM PADI (BLOK) No. Of Active AAU Planted With Paddy (Block)	KELUASAN BERTANAM PADI (HEKTAR) Paddy Planted Area (Hectare)	% BER- TANAM Area Planted	% BER- TANAM Area Planted	BIL. UKT BERPASEL PADI (BLOK) No. of AAU With Paddy Parcel (Block)	KELUASAN PASEL (HEKTAR) Paddy Parcel Area (Hectare)	BIL. UKT AKTIF BER- TANAM PADI (BLOK) No. Of Active AAU Planted With Paddy (Block)	KELUASAN BERTANAM PADI (HEKTAR) Paddy Planted Area (Hectare)	% BER- TANAM Area Planted	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)			
JOHOR	10	1,631	7	1,030	63.2	9	1,536	7	1,030	67.1	1	95	-	-	-			
KEDAH	114	109,817	114	107,288	97.7	52	92,239	52	91,268	98.9	62	17,578	62	16,020	91.1			
KELANTAN	130	45,005	109	34,639	77.0	86	38,736	76	33,441	86.3	44	6,269	33	1,198	19.1			
MELAKA	27	1,837	25	1,731	94.2	11	762	11	728	95.5	16	1,075	14	1,003	93.3			
N. SEMBILAN	15	2,065	4	603	29.2	15	2,065	4	603	29.2	-	-	-	-	-			
PAHANG	48	10,165	26	4,919	48.4	39	9,545	25	4,834	50.6	9	620	1	85	13.7			
PERAK	70	40,531	66	37,357	92.2	69	40,446	66	37,357	92.4	1	85	-	-	-			
PERLIS	56	30,239	56	30,239	100.0	28	25,493	28	25,493	100.0	28	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	-	-	-	-	-			
SELANGOR	12	18,784	12	17,925	95.4	12	18,784	12	17,925	95.4	-	-	-	-	-			
TERENGGANU	40	11,551	25	9,098	78.8	31	10,591	22	8,970	84.7	9	960	3	128	13.3			
SEM. MALAYSIA <i>Pen. Malaysia</i>	565	283,730	487	256,934	90.6	395	252,302	346	233,754	92.6	170	31,428	141	23,180	73.8			
SABAH	-	-	-	9,368	-	-	-	-	-	-	-	-	-	-	-			
SARAWAK	-	-	-	258	-	-	-	-	10	-	-	-	-	-	-			
MALAYSIA	565*	283,730*	487*	266,560	90.6*	395*	252,302*	346*	233,754*	92.6*	170*	31,428*	141*	23,180*	73.8*			

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, MALAYSIA, LUAR MUSIM 2021**

*Table B6: Paddy parcel area and paddy planted area
by granary area, Malaysia, Off Season 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	100,676	100.0
KADA	26,833	26,289	98.0
IADA KERIAN	18,497	18,497	100.0
IADA BLS	18,784	17,925	95.4
IADA P. PINANG	12,105	12,105	100.0
IADA SEBERANG PERAK	14,140	13,148	93.0
IADA KETARA	4,876	4,876	100.0
IADA KEMASIN SEMERAK	5,051	3,904	77.3
IADA PEKAN	6,199	1,791	28.9
IADA ROMPIN	2,920	2,792	95.6
IADA KOTA BELUD	-	3,455	-
IADA BATANG LUPAR	-	10	-
JUMLAH <i>Total</i>	210,090	205,468	96.2*

* Catatan: IADA Kota Belud dan IADA Batang Lupar tiada Keluasan Pasel dan tidak termasuk dalam pengiraan peratus keluasan bertanam padi.

**JADUAL B7: KELUASAN PASEL PADI DAN KELUASAN BERTANAM PADI MENGIKUT
NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, LUAR MUSIM 2021**
*Table B7: Paddy parcel area and paddy planted area by
state, district and area type, Malaysia, Off Season 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>			
		KESELU- RUHAN <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)
JOHOR	1,631	1,030	-	1,030	-
1. Batu Pahat	66	66	-	66	-
2. Kluang	149	-	-	-	-
3. Mersing	527	390	-	390	-
4. Muar	315	-	-	-	-
5. Tangkak	574	574	-	574	-
KEDAH	109,817	107,288	80,603	10,665	16,020
1. Baling	1,907	1,322	-	811	511
2. Bandar Baharu	944	835	-	835	-
3. Pokok Sena	2,588	2,548	-	-	2,548
4. Kuala Muda	7,251	7,214	-	4,903	2,311
5. Kubang Pasu	3,173	3,104	-	1,119	1,985
6. Kulim	832	649	-	649	-
7. Langkawi	2,711	2,038	-	1,094	944
8. Padang Terap	3,814	3,814	-	343	3,471
9. Pendang	3,667	3,660	-	-	3,660
10. Sik	1,604	787	-	530	257
11. Yan	714	714	-	381	333
12. MADA Wilayah II	32,595	32,593	32,593	-	-
13. MADA Wilayah III	22,681	22,675	22,675	-	-
14. MADA Wilayah IV	25,336	25,335	25,335	-	-
KELANTAN	45,005	34,639	30,193	3,248	1,198
1. Bachok	6,210	6,133	5,194 * 939 **	-	-
2. Jeli	39	-	-	-	-
3. Kota Bharu	7,267	6,989	6,959 *	20	10
4. Kuala Krai	94	53	-	43	10
5. Machang	4,232	2,192	-	1,642	550
6. Pasir Mas	10,116	6,445	5,454 *	756	235
7. Pasir Puteh	10,624	7,938	4,556 * 2,965 **	177	240
8. Tanah Merah	951	365	-	307	58
9. Tumpat	5,472	4,524	4,126 *	303	95

* KADA

** IADA Kemasin Semerak

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

*Table B7: Paddy parcel area and paddy planted area by
state, district and area type, Malaysia, Off Season 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>			
		KESELU- RUHAN <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)
MELAKA	1,837	1,731	-	728	1,003
1. Alor Gajah	282	260	-	239	21
2. Jasin	456	400	-	246	154
3. Melaka Tengah	1,099	1,071	-	243	828
N. SEMBILAN	2,065	603	-	603	-
1. Jelebu	204	187	-	187	-
2. Jempol	495	138	-	138	-
3. Kuala Pilah	1,122	278	-	278	-
4. Rembau	66	-	-	-	-
5. Tampin	178	-	-	-	-
PAHANG	10,165	4,919	4,583	251	85
1. Bera	120	55	-	55	-
2. Jerantut	30	28	-	28	-
3. Kuantan	110	30	-	30	-
4. Maran	369	223	-	138	85
5. Pekan	6,447	1,791	1,791 ***	-	-
6. Rompin	3,062	2,792	2,792 ****	-	-
7. Temerloh	27	-	-	-	-
PERAK	40,531	37,357	31,645	5,712	-
1. Kerian	18,497	18,497	18,497 *	-	-
2. Larut Matang & Selama	1,547	336	-	336	-
3. Kuala Kangsar	998	310	-	310	-
4. Hilir Perak	7,485	6,786	4,912 **	1,874	-
5. Perak Tengah	11,927	11,396	8,236 **	3,160	-
6. Hulu Perak	77	32	-	32	-

*IADA KERIAN

**IADA Seberang Perak

***IADA Pekan

****IADA Rompin

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

Table B7: Paddy parcel area and paddy planted area by state, district and area type, Malaysia, Off Season 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)
PERLIS	30,239	30,239	20,073	5,420	4,746
1. MADA Wilayah I 2. Perlis (L/MADA)	20,073 10,166	20,073 10,166	20,073 -	- 5,420	- 4,746
PULAU PINANG	12,105	12,105	12,105	-	-
1. Barat Daya 2. Seb. Prai Tengah 3. Seb. Prai Utara 4. Seb. Prai Selatan	296 2,398 8,144 1,267	296 2,398 8,144 1,267	296 2,398 8,144 1,267	- - - -	- - - -
SELANGOR	18,784	17,925	17,925	-	-
1. Kuala Selangor 2. Sabak Bernam	5,648 13,136	5,420 12,505	5,420 12,505	- -	- -
TERENGGANU	11,551	9,098	4,876	4,094	128
1. Besut 2. Dungun 3. Hulu Terengganu 4. Kuala Terengganu 5. Kemaman 6. Marang 7. Setiu 8. Kuala Nerus	7,370 44 300 756 93 792 1,565 631	7,095 0 120 377 58 0 1,448 0	4,876 * - - - - - - -	2,111 - 120 377 58 - 1,428 -	108 - - - - - 20 -
SEM. MALAYSIA <i>Pen. Malaysia</i>	283,730	256,934	202,003	31,751	23,180

*KETARA

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

*Table B7: Paddy parcel area and paddy planted area by
state, district and area type, Malaysia, Off Season 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)
SABAH	-	9,368	3,455	-	-
1. Beaufort	-	43	-	-	-
2. Keningau	-	891	-	-	-
3. Kota Belud	-	3,455	3,455 *	-	-
4. Kota Marudu	-	2,072	-	-	-
5. Papar	-	120	-	-	-
6. Penampang	-	117	-	-	-
7. Pitas	-	622	-	-	-
8. Sipitang	-	62	-	-	-
9. Tambunan	-	7	-	-	-
10. Tenom	-	115	-	-	-
11. Tuaran	-	593	-	-	-
12. Beluran	-	194	-	-	-
12. Tawau	-	-	-	-	-
13. Lain-lain Daerah	-	1,077	-	-	-
SARAWAK	-	258	10	-	-
1. Siburan	-	120	-	-	-
2. Kuching	-	-	-	-	-
3. Bau	-	-	-	-	-
4. Lundu	-	118	-	-	-
5. Sri Aman	-	10	10 **	-	-
6. Pantu	-	10	-	-	-
7. Lubok Antu	-	-	-	-	-
8. Sibuan	-	-	-	-	-
9. Kanowit	-	-	-	-	-
10. Selangau	-	-	-	-	-
11. Miri	-	-	-	-	-
12. Marudi	-	-	-	-	-
13. Limbang	-	-	-	-	-
14. Lawas	-	-	-	-	-
15. Sarikei	-	-	-	-	-
16. Maradong	-	-	-	-	-
17. Julau	-	-	-	-	-
18. Pakan	-	-	-	-	-
19. Kapit	-	-	-	-	-
20. Song	-	-	-	-	-
21. Belaga	-	-	-	-	-
22. Samarahan	-	-	-	-	-
23. Serian	-	-	-	-	-
24. Simunjan	-	-	-	-	-
25. Asajaya	-	-	-	-	-
26. Tatau	-	-	-	-	-
MALAYSIA	283.730 *	266.560	205.468	31.751 *	23.180 *

*IADA Kota Belud

** IADA Batang Lupar

Catatan: * Merujuk kepada Semenanjung Malaysia sahaja

Notes: Refers to Peninsular Malaysia only

**JADUAL B8: KELUASAN BERTANAM DAN PURATA HASIL PADI BASAH,
KERING DAN BERSIH DAN RALAT PIAWAI RELATIF MENGIKUT NEGERI,
MALAYSIA, LUAR MUSIM 2021**

*Table B8: Planted area and average yield of wet,
dried and cleaned paddy and Relative Standard Error by state,
Malaysia, Off Season 2021*

NEGERI State	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)
JOHOR	1,030	4,678	4,241	4,121	3.2
KEDAH	107,288	5,212	4,194	4,200	0.9
KELANTAN	34,639	5,484	4,747	4,372	0.5
MELAKA	1,731	3,988	3,329	3,055	1.6
N. SEMBILAN	603	3,856	3,162	3,195	3.7
PAHANG	4,919	3,977	3,681	3,358	8.7
PERAK	37,357	4,647	3,918	3,151	1.0
PERLIS	30,239	5,558	5,204	4,695	1.6
PULAU PINANG	12,105	6,993	6,028	5,595	1.8
SELANGOR	17,925	5,205	4,377	3,883	2.5
TERENGGANU	9,098	5,364	4,643	3,855	1.3
SEM. MALAYSIA <i>Pen. Malaysia</i>	256,934	5,259	4,444	4,134	0.7
SABAH	9,368	4,546	4,177	3,673	2.9
SARAWAK	258	2,543	2,305	2,085	1.7
MALAYSIA	266,560	5,259*	4,444*	4,116	0.5*

Catatan: * Merujuk kepada Semenanjung Malaysia sahaja.
Notes: Refers to Peninsular Malaysia only.

**JADUAL B9: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI
MENGIKUT NEGERI DAN JENIS KAWASAN, MALAYSIA, LUAR MUSIM 2021**
Table B9: Paddy planted area and paddy harvested area
by state and area type, Malaysia, Off Season 2021

NEGERI State	KESELURUHAN Overall					SKIM PENGALIRAN Irrigation Scheme					LUAR SKIM PENGALIRAN 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)	% KELUASAN TUAIAN PADI (HEKTAR) Harvested Area (Hectare)	BIL. UKT AKTIF BER- TANAM PADI (BLOK) No. Of Active AAU Planted With Paddy (Block)	KELUASAN BERTANAM PADI (HEKTAR) Paddy Planted Area (Hectare)	% KELUASAN TUAIAN PADI (HEKTAR) Harvested Area (Hectare)	BIL. UKT AKTIF BER- TANAM PADI (BLOK) No. Of Active AAU Planted With Paddy (Block)	KELUASAN BERTANAM PADI (HEKTAR) Paddy Planted Area (Hectare)	% KELUASAN TUAIAN PADI (HEKTAR) Harvested Area (Hectare)	BIL. UKT AKTIF BER- TANAM PADI (BLOK) No. Of Active AAU Planted With Paddy (Block)	KELUASAN BERTANAM PADI (HEKTAR) Paddy Planted Area (Hectare)	% KELUASAN TUAIAN PADI (HEKTAR) Harvested Area (Hectare)	BIL. UKT AKTIF BER- TANAM PADI (BLOK) No. Of Active AAU Planted With Paddy (Block)	KELUASAN BERTANAM PADI (HEKTAR) Paddy Planted Area (Hectare)	% KELUASAN TUAIAN PADI (HEKTAR) Harvested Area (Hectare)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
JOHOR	7	1,030	100.0	7	1,030	100.0	7	1,030	100.0	100.0	-	-	-	-	-
KEDAH	114	107,288	99.7	52	106,945	99.7	52	91,268	90,925	99.6	62	16,020	62	16,020	100.0
KELANTAN	109	34,639	100.0	76	34,639	100.0	76	33,441	33,441	100.0	33	1,198	33	1,198	100.0
MELAKA	25	1,731	100.0	11	1,731	100.0	11	728	728	100.0	14	1,003	14	1,003	100.0
N. SEMBILAN	4	603	100.0	4	603	100.0	4	603	603	100.0	-	-	-	-	-
PAHANG	26	4,919	100.0	25	4,919	100.0	25	4,834	4,834	100.0	1	85	1	85	100.0
PERAK	66	37,357	100.0	66	37,357	100.0	66	37,357	37,357	100.0	-	-	-	-	-
PERLIS	56	30,239	100.0	28	30,239	100.0	28	25,493	25,493	100.0	28	4,746	28	4,746	100.0
P. PINANG	43	12,105	100.0	43	12,105	100.0	43	12,105	12,105	100.0	-	-	-	-	-
SELANGOR	12	17,925	100.0	12	17,925	100.0	12	17,925	17,925	100.0	-	-	-	-	-
TERENGGANU	25	9,098	100.0	22	9,098	100.0	22	8,970	8,970	100.0	3	128	3	128	100.0
SEM. MALAYSIA Pen. Malaysia	487	256,934	99.9	346	256,591	99.9	346	233,754	233,411	99.9	141	23,180	141	23,180	100.0
SABAH	-	9,368	100.0	-	9,368	100.0	-	-	-	-	-	-	-	-	-
SARAWAK	-	258	100.0	-	258	100.0	-	-	-	-	-	-	-	-	-
MALAYSIA	487*	266,560	99.9	346*	266,217	99.9	346*	233,754*	233,411*	99.9*	141*	23,180*	141*	23,180*	100.0*

* Merujuk kepada Semenanjung Malaysia sahaja.

Notes: Refers to Peninsular Malaysia only.

**JADUAL B10: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI MENGIKUT
KAWASAN JELAPANG PADI, MALAYSIA, LUAR MUSIM 2021**
*Table B10: Paddy planted area and paddy harvested area
by granary area, Malaysia, Off Season 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	100,676	100,333	99.7
KADA	26,289	26,289	100.0
IADA KERIAN	18,497	18,497	100.0
IADA BLS	17,925	17,925	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	3,904	3,904	100.0
IADA PEKAN	1,791	1,791	100.0
IADA ROMPIN	2,792	2,792	100.0
IADA KOTA BELUD	3,455	3,455	100.0
IADA BATANG LUPAR	10	10	100.0
JUMLAH <i>Total</i>	205,468	205,125	99.83

**JADUAL B11: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI MENGIKUT
NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, LUAR MUSIM 2021**

*Table B11: Paddy planted area and paddy harvested area by
state, district and area type, Malaysia, Off Season 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>			
		KESELU- RUHAN <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)
JOHOR	1,030	1,030	-	1,030	-
1. Batu Pahat	66	66	-	66	-
2. Kluang	-	-	-	-	-
3. Mersing	390	390	-	390	-
4. Muar	-	-	-	-	-
5. Tangkak	574	574	-	574	-
KEDAH	107,288	106,945	80,260	10,665	16,020
1. Baling	1,322	1,322	-	811	511
2. Bandar Baru	835	835	-	835	-
3. Pokok Sena	2,548	2,548	-	-	2,548
4. Kuala Muda	7,214	7,214	-	4,903	2,311
5. Kubang Pasu	3,104	3,104	-	1,119	1,985
6. Kulim	649	649	-	649	-
7. Langkawi	2,038	2,038	-	1,094	944
8. Padang Terap	3,814	3,814	-	343	3,471
9. Pendang	3,660	3,660	-	-	3,660
10. Sik	787	787	-	530	257
11. Yan	714	714	-	381	333
12. MADA Wilayah II	32,593	32,593	32,593	-	-
13. MADA Wilayah III	22,675	22,332	22,332	-	-
14. MADA Wilayah IV	25,335	25,335	25,335	-	-
KELANTAN	34,639	34,639	30,193	3,248	1,198
1. Bachok	6,133	6,131	5,192 * 939 **	-	-
2. Jeli	-	-	-	-	-
3. Kota Bharu	6,989	7,030	7,000 *	20	10
4. Kuala Krai	53	53	-	43	10
5. Machang	2,192	2,192	-	1,642	550
6. Pasir Mas	6,445	6,411	5,420 *	756	235
7. Pasir Puteh	7,938	7,913	4,531 * 2,965 **	177	240
8. Tanah Merah	365	365	-	307	58
9. Tumpat	4,524	4,544	4,146 *	303	95

* KADA

** IADA Kemasin Semerak

**JADUAL B11: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI MENGIKUT
NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, LUAR MUSIM 2021 (SAMB.)**
*Table B11: Paddy planted area and paddy harvested area by
state, district and area type, Malaysia, Off Season 2021 (cont'd.)*

NEGERI/DAERAH State/District	KELUASAN BERTANAM PADI (HEKTAR) Paddy planted area (hectare)	KELUASAN TUAIAN (HEKTAR) Harvested area (hectare)			
		KESELU- RUHAN 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)
MELAKA	1,731	1,731	-	728	1,003
1. Alor Gajah	260	260	-	239	21
2. Jasin	400	400	-	246	154
3. Melaka Tengah	1,071	1,071	-	243	828
N. SEMBILAN	603	603	-	603	-
1. Jelebu	187	187	-	187	-
2. Jempol	138	138	-	138	-
3. Kuala Pilah	278	278	-	278	-
4. Rembau	-	-	-	-	-
5. Tampin	-	-	-	-	-
PAHANG	4,919	4,919	4,583	251	85
1. Bera	55	55	-	55	-
2. Jerantut	28	28	-	28	-
3. Kuantan	30	30	-	30	-
4. Maran	223	223	-	138	85
5. Pekan	1,791	1,791	1,791 ***	-	-
6. Rompin	2,792	2,792	2,792 ****	-	-
PERAK	37,357	37,357	31,645	5,712	-
1. Kerian	18,497	18,497	18,497 *	-	-
2. Larut Matang & Selama	336	336	-	336	-
3. Kuala Kangsar	310	310	-	310	-
4. Hilir Perak	6,786	6,786	4,912 **	1,874	-
5. Perak Tengah	11,396	11,396	8,236 **	3,160	-
6. Hulu Perak	32	32	-	32	-

*IADA KERIAN

**IADA Seberang Perak

***IADA Pekan

****IADA Rompin

**JADUAL B11: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI MENGIKUT
NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, LUAR MUSIM 2021 (SAMB.)
Table B11: Paddy planted area and paddy harvested area by
state, district and area type, Malaysia, Off Season 2021 (cont'd.)**

NEGERI/DAERAH <i>State/District</i>	KELUASAN BERTANAM PADI (HEKTAR) <i>Paddy planted area (hectare)</i>	KELUASAN TUAIAN (HEKTAR) <i>Harvested area (hectare)</i>			
		KESELU- RUHAN Overall	JELAPANG PADI Granary Area	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)
PERLIS	30,239	30,239	20,073	5,420	4,746
1. MADA Wilayah I	20,073	20,073	20,073	-	-
2. Perlis (L/MADA)	10,166	10,166	-	5,420	4,746
PULAU PINANG	12,105	12,105	12,105	-	-
1. Barat Daya	296	296	296	-	-
2. Seb. Prai Tengah	2,398	2,398	2,398	-	-
3. Seb. Prai Utara	8,144	8,144	8,144	-	-
4. Seb. Prai Selatan	1,267	1,267	1,267	-	-
SELANGOR	17,925	17,925	17,925	-	-
1. Kuala Selangor	5,420	5,420	5,420	-	-
2. Sabak Bernam	12,505	12,505	12,505	-	-
TERENGGANU	9,098	9,098	4,876	4,094	128
1. Besut	7,095	7,095	4,876	2,111	108
2. Dungun	0	0	-	-	-
3. Hulu Terengganu	120	120	-	120	-
4. Kuala Terengganu	377	377	-	377	-
5. Kemaman	58	58	-	58	-
6. Marang	0	0	-	-	-
7. Setiu	1,448	1,448	-	1,428	20
8. Kuala Nerus	0	0	-	-	-
SEM. MALAYSIA <i>Pen. Malaysia</i>	256,934	256,591	201,660	31,751	23,180

**JADUAL B11: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI MENGIKUT
NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, LUAR MUSIM 2021 (SAMB.)**

*Table B11: Paddy planted area and paddy harvested area by
state, district and area type, Malaysia, Off Season 2021 (cont'd.)*

NEGERI/DAERAH <i>State/District</i>	KELUASAN BERTANAM PADI (HEKTAR) <i>Paddy planted area (hectare)</i>	KELUASAN TUAIAN (HEKTAR) <i>Harvested area (hectare)</i>			
		KESELU- RUHAN Overall	JELAPANG PADI Granary Area	LUAR JELAPANG PADI <i>Outside Granary Area</i>	
				SKIM PENGAIARAN <i>Irrigation scheme</i>	LUAR SKIM PENGAIARAN <i>Outside irrigation scheme</i>
(1)	(2)	(3)	(4)	(5)	(6)
SABAH	9,368	9,368	3,455	-	-
1. Beaufort	43	43	-	-	-
2. Keningau	891	891	-	-	-
3. Kota Belud	3,455	3,455	3,455 *	-	-
5. Kota Marudu	2,072	2,072	-	-	-
8. Papar	120	120	-	-	-
9. Penampang	117	117	-	-	-
10. Pitas	622	622	-	-	-
12. Sipitang	62	62	-	-	-
13. Tambunan	7	7	-	-	-
14. Tenom	115	115	-	-	-
15. Tuaran	593	593	-	-	-
16. Beluran	194	194	-	-	-
19. Tawau	-	-	-	-	-
20. Lain-lain Daerah	1,077	1,077	-	-	-
SARAWAK	258	258	10	-	-
1. Kuching	-	-	-	-	-
2. Siburan	120	120	-	-	-
3. Bau	-	-	-	-	-
4. Lundu	118	118	-	-	-
5. Sri Aman	10	10	10 **	-	-
6. Lubok Antu	-	-	-	-	-
7. Pantu	-	-	-	-	-
8. Sibu	-	-	-	-	-
9. Kanowit	-	-	-	-	-
10. Selangau	-	-	-	-	-
11. Miri	-	-	-	-	-
12. Marudi	-	-	-	-	-
13. Limbang	-	-	-	-	-
14. Lawas	-	-	-	-	-
15. Sarikei	-	-	-	-	-
16. Maradong	-	-	-	-	-
17. Kapit	-	-	-	-	-
18. Song	-	-	-	-	-
19. Samarahan	-	-	-	-	-
20. Serian	-	-	-	-	-
21. Simunjan	-	-	-	-	-
22. Asajaya	-	-	-	-	-
23. Bintulu	-	-	-	-	-
24. Tatau	-	-	-	-	-
25. Mukah	-	-	-	-	-
26. Dalat	-	-	-	-	-
27. Daro	-	-	-	-	-
28. Matu	-	-	-	-	-
29. Betong	-	-	-	-	-
30. Saratok	-	-	-	-	-
MALAYSIA	266,560	266,217	205,125	31,751 *	23,180 *

*IADA Kota Belud ** IADA Batang Lupar

Catatan: * Merujuk kepada Semenanjung Malaysia sahaja
Notes: Refers to Peninsular Malaysia only

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

*Table B12: Planted area and average yield of wet, dried and cleaned paddy and
Relative Standard Error by granary area and
district, Malaysia, Off Season 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)
1. MADA	100,676	5,494	4,920	4,462	0.6
a. Wilayah I	20,073	5,571	4,906	4,498	0.7
b. Wilayah II	32,593	5,430	4,892	4,420	1.3
c. Wilayah III	22,675	5,303	4,778	4,317	1.5
d. Wilayah IV	25,335	5,688	5,125	4,630	1.0
2. KADA	26,289	5,810	4,936	4,607	0.6
a. Bachok	5,194	5,361	4,554	4,251	0.6
b. Kota Bharu Utara	2,834	5,883	4,997	4,664	1.2
c. Kota Bharu Selatan	4,125	5,748	4,883	4,558	2.4
d. Pasir Mas	5,454	5,710	4,851	4,527	1.1
e. Pasir Puteh	4,556	6,758	5,741	5,358	1.8
f. Tumpat	4,126	5,473	4,649	4,339	1.2
3. IADA KERIAN	18,497	4,990	4,251	3,767	0.7
a. Kerian	18,497	4,990	4,251	3,767	0.7
4. IADA BLS	17,925	5,205	4,377	3,883	2.5
a. Kuala Selangor	5,420	5,583	4,695	4,165	3.9
b. Sabak Bernam	12,505	5,041	4,239	3,760	3.2
5. IADA P. PINANG	12,105	6,993	6,028	5,595	1.8
a. Barat Daya	296	6,663	5,743	5,331	0.0
b. Seberang Prai Tengah	2,398	7,709	6,645	6,168	5.0
c. Seberang Prai Utara	8,144	6,985	6,021	5,589	2.0
d. Seberang Prai Selatan	1,267	5,763	4,968	4,612	7.1
6. IADA SEBERANG PERAK	13,148	4,201	3,499	2,583	2.6
a. Perak Tengah					
Blok Awam	4,241	4,837	4,029	2,974	3.0
Blok FELCRA	3,995	4,271	3,558	2,627	2.8
b. Hilir Perak	4,912	3,594	2,994	2,210	4.7
7. IADA KETARA	4,876	6,787	5,940	5,029	1.4
a. Besut					
Kompitmen 1	1,188	6,459	5,652	4,785	3.8
Kompitmen 2	1,063	6,879	6,020	5,097	4.1
Kompitmen 3	1,240	7,077	6,193	5,243	2.4
Kompitmen 4	1,385	6,740	5,898	4,993	1.2
8. IADA KEMASIN SEMERAK	3,904	4,473	3,754	3,531	1.0
a. Bachok	939	4,547	3,816	3,589	1.3
b. Pasir Puteh	2,965	4,449	3,734	3,512	1.2
8. IADA PEKAN	1,791	2,944	2,693	2,383	1.9
a. Pekan	1,791	2,944	2,693	2,383	1.9
9. IADA ROMPIN	2,792	4,704	4,400	4,146	3.6
a. Rompin	2,792	4,704	4,400	4,146	3.6
10. IADA KOTA BELUD	3,455	4,808	4,558	3,818	2.1
11. IADA BATANG LUPAR	10	1,500	1,424	1,295	1.7
JUMLAH Total	205,468	5,436	4,758	4,276	0.5

**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, LUAR MUSIM 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, Off Season 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	2,834	5,883	4,997	4,664	1.2
KOTA BHARU SELATAN	4,125	5,748	4,883	4,558	2.4
BACHOK	5,194	5,361	4,554	4,251	0.6
PASIR PUTIH	4,556	6,758	5,741	5,358	1.8
PASIR MAS	5,454	5,710	4,851	4,527	1.1
TUMPAT	4,126	5,473	4,649	4,339	1.2
JUMLAH RANCANGAN PENGAIRAN KADA <i>Total irrigation schemes in KADA</i>	26,289	5,810	4,936	4,607	0.6

JADUAL B14: KLASIFIKASI PURATA HASIL PADI BERSIH (SEHEKTAR)

MENGIKUT NEGERI, MALAYSIA, LUAR MUSIM 2021

Table B14: Classification of average yield of cleaned paddy (per hectare)
by state, Malaysia, Off Season 2021

NEGERI State	BILANGAN SAMPEL DIANALISIS Number of samples analysed	≤ 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	%	BILANGAN SAMPEL Number of samples	%	BILANGAN SAMPEL Number of samples	%	BILANGAN SAMPEL Number of samples	%	BILANGAN SAMPEL Number of samples	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
JOHOR	27	-	-	15	55.6	12	44.4	-	-	-	-
KEDAH	709	34	4.8	207	29.2	447	63.0	21	3.0	-	-
KELANTAN	469	-	-	220	46.9	242	51.6	7	1.5	-	-
MELAKA	39	-	-	39	100.0	-	-	-	-	-	-
N.SEMBILAN	30	1	3.3	19	63.3	10	33.3	-	-	-	-
PAHANG	128	17	13.3	54	42.2	49	38.3	8	6.3	-	-
PERAK	310	15	4.8	274	88.4	21	6.8	-	-	-	-
PERLIS	194	6	3.1	22	11.3	149	76.8	17	8.8	-	-
P. PINANG	92	-	-	10	10.9	56	60.9	20	21.7	6	6.5
SELANGOR	108	9	8.3	41	38.0	51	47.2	7	6.5	-	-
TERENGGANU	145	10	6.9	72	49.7	60	41.4	3	2.1	-	-
SEM. MALAYSIA Pen. Malaysia	2,251	92	4.1	973	43.2	1,097	48.7	83	3.7	6	0.3
SABAH	91	1	1.1	12	13.2	73	80.2	4	4.4	1	1.1
SARAWAK	46	27	58.7	14	30.4	4	8.7	1	2.2	-	-
MALAYSIA	2,388	120	5.0	999	41.8	1,174	49.2	88	3.7	7	0.3

**JADUAL B15: KLASIFIKASI PURATA HASIL PADI BERSIH (SEHEKTAR)
MENGIKUT KAWASAN JELAPANG PADI, MALAYSIA, LUAR MUSIM 2021**

**Table B15: Classification of average yield of cleaned paddy (per hectare)
by granary area, Malaysia, Off Season 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	7	1.0	108	16.0	546	80.9	14	2.1	-	-
KADA	271	-	-	38	14.0	226	83.4	7	2.6	-	-
IADA KERIAN	156	-	-	123	78.8	33	21.2	-	-	-	-
IADA BLS	108	9	8.3	41	38.0	51	47.2	7	6.5	-	-
IADA P. PINANG	92	-	-	10	10.9	56	60.9	20	21.7	6	6.5
IADA SEB PERAK	97	29	29.9	66	68.0	2	2.1	-	-	-	-
IADA KETARA	61	-	-	2	3.3	55	90.2	4	6.6	-	-
IADA KEM SEMERAK	51	-	-	44	86.3	7	13.7	-	-	-	-
IADA PEKAN	54	14	25.9	36	66.7	4	7.4	-	-	-	-
IADA ROMPIN	35	1	2.9	6	17.1	26	74.3	2	5.7	-	-
IADA KOTA BELUD	25	-	-	1	4.0	24	96.0	-	-	-	-
IADA BATANG LUPAR	2	2	100.0	-	-	-	-	-	-	-	-
JUMLAH Total	1,627	62	3.8	475	29.2	1,030	63.3	54	3.3	6	0.4

**JADUAL B16: KELUASAN BERTANAM, PURATA HASIL PADI BERSIH
DAN PENGELUARAN PADI MENGIKUT NEGERI, MALAYSIA, LUAR MUSIM 2021**

*Table B16: Planted area, average yield of cleaned paddy
and production of paddy by state, Malaysia, Off Season 2021*

NEGERI State	KELUASAN BERTANAM (HEKTAR) <i>Planted area (Hectare)</i>	PURATA HASIL PADI BERSIH (KG/HA) <i>Average yield of cleaned paddy (kg/ha)</i>	PENGELUARAN (TAN METRIK) <i>Production (Metric Tonne)</i>
(1)	(2)	(3)	(4)
JOHOR	1,030	4,121	4,245
KEDAH	107,288	4,200	450,610
KELANTAN	34,639	4,372	151,442
MELAKA	1,731	3,055	5,288
N. SEMBILAN	603	3,195	1,927
PAHANG	4,919	3,358	16,518
PERAK	37,357	3,151	117,712
PERLIS	30,239	4,695	141,972
PULAU PINANG	12,105	5,595	67,727
SELANGOR	17,925	3,883	69,603
TERENGGANU	9,098	3,855	35,073
SEM. MALAYSIA <i>Pen. Malaysia</i>	256,934	4,134	1,062,117
SABAH	9,368	3,673	34,407
SARAWAK	258	2,085	538
MALAYSIA	266,560	4,116	1,097,062

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

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

JELAPANG PADI Granary area	KELUASAN BERTANAM (HEKTAR) Planted area (Hectare)	PURATA HASIL PADI BERSIH (KG/HA) Average yield of cleaned paddy (kg/ha)	PENGELUARAN (TAN METRIK) Production (Metric Tonne)
(1)	(2)	(3)	(4)
MADA	100,676	4,462	449,216
KADA	26,289	4,607	121,113
IADA KERIAN	18,497	3,767	69,678
IADA BLS	17,925	3,883	69,603
IADA P. PINANG	12,105	5,595	67,727
IADA SEB PERAK	13,148	2,583	33,961
IADA KETARA	4,876	5,029	24,521
IADA KEM SEMERAK	3,904	3,531	13,785
IADA PEKAN	1,791	2,383	4,268
IADA ROMPIN	2,792	4,146	11,576
IADA KOTA BELUD	3,455	3,818	13,190
IADA BATANG LUPAR	10	1,295	13
JUMLAH Total	205,468	4,276	878,651

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

NEGERI State	LUAR MUSIM 2020 Off Season 2020				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)		KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)		PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)		KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)		PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
JOHOR	1,030	4,121	4,245	2,972	1,030	4,121	4,245	2,972	-	-	-	-
KEDAH	26,685	3,528	94,145	65,902	10,665	3,733	39,812	27,868	16,020	3,380	54,148	37,904
KELANTAN	4,446	3,542	15,748	11,024	3,248	3,698	12,011	8,408	1,198	3,119	3,737	2,616
MELAKA	1,731	3,055	5,288	3,702	728	3,064	2,231	1,562	1,003	3,048	3,057	2,140
N.SEMBILAN	603	3,195	1,927	1,349	603	3,195	1,927	1,349	-	-	-	-
PAHANG	336	2,748	923	646	251	2,748	690	483	85	2,748	234	164
PERAK	5,712	3,096	17,684	12,379	5,712	3,096	17,684	12,379	-	-	-	-
PERLIS	10,166	4,679	47,567	33,297	5,420	4,861	26,347	18,443	4,746	4,472	21,224	14,857
P.PINANG	-	-	-	-	-	-	-	-	-	-	-	-
SELANGOR	-	-	-	-	-	-	-	-	-	-	-	-
TERENGGANU	4,222	2,673	11,285	7,900	4,094	2,680	10,972	7,680	128	2,480	317	222
SEM. MALAYSIA Pen. Malaysia	54,931	3,619	198,812	139,171	31,751	3,651	115,919	81,144	23,180	3,568	82,717	57,903

JADUAL B19: KELUASAN PASEL PADI, KELUASAN BERTANAM DAN FAKTOR KEPADATAN PENANAMAN
MENGGIKUT NEGERI, SEMENANJUNG MALAYSIA, LUAR MUSIM 2021
Table B19: Hectareage of Paddy Parcel, Planted Area And Cropping Intensity Factor
By State, Peninsular Malaysia, Off Season 2021

NEGERI State	LUAR MUSIM 2021 Off Season 2021				SKIM PENGALIRAN 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	0.6	1,631	1,030	1,536	1,030	67.1	95	-	-	
KEDAH	1.0	109,817	107,288	92,239	91,268	98.9	17,578	16,020	91.1	
KELANTAN	0.8	45,005	34,639	38,736	33,441	86.3	6,269	1,198	19.1	
MELAKA	0.9	1,837	1,731	762	728	95.5	1,075	1,003	93.3	
N. SEMBILAN	0.3	2,065	603	2,065	603	29.2	-	-	-	
PAHANG	0.5	10,165	4,919	9,545	4,834	50.6	620	85	13.7	
PERAK	0.9	40,531	37,357	40,446	37,357	92.4	85	-	-	
PERLIS	1.0	30,239	30,239	25,493	25,493	100.0	4,746	4,746	100.0	
P. PINANG	1.0	12,105	12,105	12,105	12,105	100.0	-	-	-	
SELANGOR	1.0	18,784	17,925	18,784	17,925	95.4	-	-	-	
TERENGGANU	0.8	11,551	9,098	10,591	8,970	84.7	960	128	13.3	
SEM. MALAYSIA <i>Pen. Malaysia</i>	0.9	283,730	256,934	252,302	233,754	92.6	31,428	23,180	73.8	

**JADUAL B20: KELUASAN PASEL PADI, KELUASAN BERTANAM DAN FAKTOR KEPADATAN PENANAMAN
(LUAR JELAPANG) MENGIKUT NEGERI, SEMENANJUNG MALAYSIA, LUAR MUSIM 2021
Table B20: Hectareage of Paddy Parcel, Planted Area And Cropping Intensity Factor
(Outside Granary Area) By State, Peninsular Malaysia, Off Season 2021**

NEGERI State	LUAR MUSIM 2021 Off Season 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	0.6	1,631	1,030	1,536	1,030	67.1	95	-	-	
KEDAH	0.9	29,205	26,685	11,627	10,665	91.7	17,578	16,020	91.1	
KELANTAN	0.3	13,121	4,446	6,852	3,248	47.4	6,269	1,198	19.1	
MELAKA	0.9	1,837	1,731	762	728	95.5	1,075	1,003	93.3	
N. SEMBILAN	0.3	2,065	603	2,065	603	29.2	-	-	-	
PAHANG	0.3	1,046	336	426	251	58.9	620	85	13.7	
PERAK	0.7	7,894	5,712	7,809	5,712	73.1	85	-	-	
PERLIS	1.0	10,166	10,166	5,420	5,420	100.0	4,746	4,746	100.0	
P. PINANG	-	-	-	-	-	-	-	-	-	
SELANGOR	-	-	-	-	-	-	-	-	-	
TERENGGANU	0.6	6,675	4,222	5,715	4,094	71.6	960	128	13.3	
SEM. MALAYSIA Pen. Malaysia	0.7	73,640	54,931	42,212	31,751	75.2	31,428	23,180	73.8	

JADUAL C1: PENGGUNAAN VARIETI PADI MENGIKUT NEGERI, SEMENANJUNG MALAYSIA, LUAR MUSIM 2021
 Table C1: Usage of paddy varieties by state, Peninsular Malaysia, Off Season 2021

NEGERI State	BILANGAN SAMPSEL DIANALISIS Number of samples analysed	VARIETI PADI Paddy variety													
		MR 219		MR 220		MR 220 CL2		MR 263		MR 269		MR 297			
		BILANGAN Number (3)	% (4)	BILANGAN Number (5)	% (6)	BILANGAN Number (7)	% (8)	BILANGAN Number (9)	% (10)	BILANGAN Number (11)	% (12)	BILANGAN Number (13)	% (14)		
JOHOR	27	12	44.4	-	-	-	-	-	-	3	11.1	-	-		
KEDAH	709	58	8.2	2	0.3	188	26.5	6	0.8	7	1.0	405	57.1		
KELANTAN	469	66	14.1	-	-	79	16.8	60	12.8	99	21.1	147	31.3		
MELAKA	39	27	69.2	3	7.7	2	5.1	-	-	4	10.3	-	-		
N. SEMBILAN	30	3	10.0	-	-	-	-	-	-	27	90.0	-	-		
PAHANG	128	9	7.0	-	-	16	12.5	-	-	43	33.6	9	7.0		
PERAK	310	111	35.8	11	3.5	28	9.0	-	-	1	0.3	157	50.6		
PERLIS	194	32	16.5	-	-	29	14.9	1	0.5	1	0.5	122	62.9		
PULAU PINANG	92	-	-	3	3.3	-	-	-	-	-	-	88	95.7		
SELANGOR	108	36	33.3	-	-	5	4.6	-	-	40	37.0	13	12.0		
TERENGGANU	145	68	46.9	6	4.1	7	4.8	-	-	17	11.7	32	22.1		
SEM. MALAYSIA Pen. Malaysia	2,251	422	18.7	25	1.1	354	15.7	67	3.0	242	10.8	973	43.2		

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

NEGERI State	BILANGAN SAMPel DIANALISIS Number of samples analysed	VARIETI PADI Paddy variety											
		SEMPADAN 303		UKMRC-2		UKMRC-8		U-PUTRA 1		U-PUTRA 2		BILANGAN Number	%
		BILANGAN Number (27)	% (28)	BILANGAN Number (29)	% (30)	BILANGAN Number (31)	% (32)	BILANGAN Number (33)	% (34)	BILANGAN Number (35)	% (36)		
(1)	(2)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)
JOHOR	27	3	11.1	-	-	-	-	-	-	-	-	-	-
KEDAH	709	19	70.4	5	0.7	-	-	-	-	-	-	-	-
KELANTAN	469	5	1.1	13	2.8	-	-	-	-	-	-	-	-
MELAKA	39	-	-	-	-	-	-	-	-	-	-	-	-
N. SEMBILAN	30	-	-	-	-	-	-	-	-	-	-	-	-
PAHANG	128	-	-	10	7.8	-	-	-	-	-	-	-	-
PERAK	310	1	0.3	-	-	-	-	-	-	-	-	-	-
PERLIS	194	6	3.1	1	0.5	1	0.5	-	-	-	-	-	-
PULAU PINANG	92	-	-	1	1.1	-	-	-	-	-	-	-	-
SELANGOR	108	2	1.9	-	-	-	-	2	1.9	5	4.6	-	-
TERENGGANU	145	1	0.7	-	-	-	-	-	-	-	-	-	-
SEM. MALAYSIA Pen. Malaysia	2,251	37	1.6	30	1.3	1	0.0	2	0.1	5	0.2	-	-

JADUAL C2: PENGGUNAAN VARIETI PADI MENGIKUT KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, LUAR MUSIM 2021
Table C2: Usage of paddy varieties by granary area, Peninsular Malaysia, Off Season 2021

JELAPANG PADI Granary area	VARIETI PADI Paddy variety													
	BILANGAN SAMPSEL DIANALISIS Number of samples analysed	MR 219		MR 220		MR 220 CL2		MR 263		MR 269		MR 297		
		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)	
MADA	675	56	8.3	2	0.3	133	19.7	-	-	7	1.0	451	66.8	
KADA	271	21	7.7	-	-	24	8.9	51	18.8	66	24.4	91	33.6	
IADA KERIAN	156	49	31.4	8	5.1	19	12.2	-	-	-	-	78	50.0	
IADA BLS	108	36	33.3	-	-	5	4.6	-	-	40	37.0	13	12.0	
IADA P. PINANG	92	-	-	3	3.3	-	-	-	-	-	-	88	95.7	
IADA SEB PERAK	97	32	33.0	6	6.2	-	-	-	-	1	1.0	58	59.8	
IADA KETARA	61	32	52.5	-	-	1	1.6	-	-	7	11.5	20	32.8	
IADA KEM SEMERAK	51	18	35.3	-	-	8	15.7	3	5.9	15	29.4	7	13.7	
IADA PEKAN	54	-	-	-	-	9	16.7	-	-	7	13.0	8	14.8	
IADA ROMPIN	35	-	-	-	-	1	2.9	-	-	21	60.0	1	2.9	
IADA KOTA BELUD	25	-	-	-	-	-	-	-	-	-	-	-	-	
IADA BATANG LUPAR	2	-	-	-	-	-	-	-	-	2	100.0	-	-	
JUMLAH Total	1,627	244	15.0	19	1.2	200	12.3	54	3.3	166	10.2	815	50.1	



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

JELAPANG PADI Granary area	BILANGAN SAMPSEL DIANALISIS Number of samples analysed	VARIETI PADI Paddy variety													
		MR 315		MR 47		MR 12H		MRQ 76		NMR 152		SEBERNAS 307			
		BILANGAN Number (15)	% (16)	BILANGAN Number (17)	% (18)	BILANGAN Number (19)	% (20)	BILANGAN Number (21)	% (22)	BILANGAN Number (23)	% (24)	BILANGAN Number (25)	% (26)		
(1)	(2)														
MADA	675	8	1.2	-	-	1	0.1	-	-	1	0.1	-	-	3	0.4
KADA	271	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IADA KERIAN	156	-	-	-	-	-	-	-	-	1	0.6	-	-	-	-
IADA BLS	108	-	-	-	-	-	-	-	-	3	2.8	-	-	2	1.9
IADA P. PINANG	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IADA SEB PERAK	97	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IADA KETARA	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IADA KEM SEMERAK	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IADA PEKAN	54	-	-	-	-	-	-	-	-	17	31.5	-	-	13	24.1
IADA ROMPIN	35	-	-	-	-	-	-	-	-	2	5.7	-	-	-	-
IADA KOTA BELUD	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IADA BATANG LUPAR	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JUMLAH Total	1,627	8	0.5	-	-	1	0.1	-	-	24	1.5	-	-	18	1.1

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

JELAPANG PADI Granary area	BILANGAN SAMPEL DIANALISIS Number of samples analysed	VARIETI PADI Paddy variety											
		SEMPADAN 303		UKMRC-2		UKMRC-8		U-PUTRA 1		U-PUTRA 2		LAIN-LAIN	
		BILANGAN Number (27)	% (28)	BILANGAN Number (29)	% (30)	BILANGAN Number (31)	% (32)	BILANGAN Number (35)	% (36)	BILANGAN Number (37)	% (38)	BILANGAN Number (37)	% (38)
(1)	(2)												
MADA	675	8	1.2	5	0.7	-	-	-	-	-	-	-	-
KADA	271	5	1.8	13	4.8	-	-	-	-	-	-	-	-
IADA KERIAN	156	1	0.6	-	-	-	-	-	-	-	-	-	-
IADA BLS	108	2	1.9	-	-	-	-	2	1.9	5	4.6	-	-
IADA P. PINANG	92	-	-	1	1.1	-	-	-	-	-	-	-	-
IADA SEB PERAK	97	-	-	-	-	-	-	-	-	-	-	-	-
IADA KETARA	61	1	1.6	-	-	-	-	-	-	-	-	-	-
IADA KEM SEMERAK	51	-	-	-	-	-	-	-	-	-	-	-	-
IADA PEKAN	54	-	-	-	-	-	-	-	-	-	-	-	-
IADA ROMPIN	35	-	-	10	28.6	-	-	-	-	-	-	-	-
IADA KOTA BELUD	25	-	-	-	-	-	-	-	-	-	-	-	25
IADA BATANG LUPAR	2	-	-	-	-	-	-	-	-	-	-	-	-
JUMLAH Total	1,627	17	1.0	29	1.8	-	-	2	0.1	5	0.3	25	1.5

JADUAL C3: PURATA HASIL PADI MENGIKUT VARIETI PADI, SEMENANJUANG MALAYSIA, LUAR MUSIM 2021
Table C3: Average yield of paddy by paddy variety, Peninsular Malaysia, Off Season 2021

VARIETI PADI Paddy variety	BILANGAN SAMPEL DIANALISIS Number of samples analysed	PURATA HASIL PADI Average yield of paddy			HASIL TERTINGGI Maximum yield		
		BASAH Wet KG/HA kg/ha	KERING Dried KG/HA kg/ha	BERSIH Cleaned KG/HA kg/ha	BASAH Wet KG/HA kg/ha	KERING Dried KG/HA kg/ha	BERSIH Cleaned KG/HA kg/ha
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
MR 219	422	4,728	4,080	3,484	9,440	8,147	6,957
MR 220	25	4,533	3,939	3,517	7,026	6,106	5,453
MR 220 CL2	354	4,944	4,475	4,084	9,689	8,769	8,003
MR 263	67	5,337	4,579	4,184	9,488	8,141	7,439
MR 269	242	5,156	4,377	3,980	9,098	7,724	7,024
MR 297	973	5,369	4,681	4,150	11,306	9,859	8,740
MR 315	8	6,340	5,661	5,034	8,205	7,327	6,514
MR 47	6	3,538	3,209	2,894	3,884	3,523	3,177
MR 12H	1	-	-	-	-	-	-
MRQ 76	1	4,900	4,699	4,444	4,900	4,699	4,444
NMR 152	27	3,857	3,383	2,843	8,049	7,059	5,932
SEBERNAS 307	50	4,118	3,718	3,418	7,500	6,773	6,225
SEMPADAN 303	37	5,138	4,594	4,337	8,807	7,874	7,433
UKMRC-2	30	5,350	4,804	4,531	6,700	6,017	5,675
UKMRC-8	1	8,188	7,598	6,911	8,188	7,598	6,911
U-PUTRA 1	2	5,116	4,543	4,277	6,283	5,579	5,253
U-PUTRA 2	5	3,451	2,899	2,619	5,838	4,904	4,431

JADUAL C4: KLASIFIKASI PURATA HASIL PADI BERSIH (SEHEKTAR) MENGIKUT VARIETI PADI, SEMENANJUNG MALAYSIA, LUAR MUSIM 2021

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

VARIETI PADI Paddy variety	BILANGAN SAMPEL DIANALISIS Number of samples analysed	≤ 1.9 TAN ≤1.9 tonne		2 - 3.9 TAN 2 - 3.9 tonnes		4 - 5.9 TAN 4 - 5.9 tonnes		6 - 7.9 TAN 6 - 7.9 tonnes		≥ 8 TAN ≥ 8 tonnes	
		BILANGAN Number (3)	% (4)	BILANGAN Number (5)	% (6)	BILANGAN Number (7)	% (8)	BILANGAN Number (9)	% (10)	BILANGAN Number (11)	% (12)
MR 219	422	20	4.7	297	70.4	100	23.7	5	1.2	-	-
MR 220	25	2	8.0	18	72.0	5	20.0	-	-	-	-
MR 220 CL2	354	17	4.8	141	39.8	185	52.3	10	2.8	1	0.3
MR 263	67	-	-	29	43.3	36	53.7	2	3.0	-	-
MR 269	242	9	3.7	111	45.9	115	47.5	7	2.9	-	-
MR 297	973	24	2.5	360	37.0	547	56.2	36	3.7	6	0.6
MR 315	8	-	-	2	25.0	4	50.0	2	25.0	-	-
MR 47	6	-	-	6	100.0	-	-	-	-	-	-
MR 12H	1	-	-	-	-	-	-	-	-	-	-
MRQ 76	1	-	-	-	-	1	100.0	-	-	-	-
NMR 152	27	6	22.2	17	63.0	4	14.8	-	-	-	-
SEBERNAS 307	50	5	10.0	-	-	43	86.0	2	4.0	-	-
SEMPADAN 303	37	3	8.1	11	29.7	21	56.8	2	5.4	-	-
UKMRC-2	30	1	3.3	2	6.7	27	90.0	-	-	-	-
UKMRC-8	1	-	-	-	-	-	-	1	100.0	-	-
U-PUTRA 1	2	-	-	1	50.0	1	50.0	-	-	-	-
U-PUTRA 2	5	2	40.0	1	20.0	2	40.0	-	-	-	-
SEMUA JENIS All varieties	2,251	89	4.0	996	44.2	1,091	48.5	67	3.0	7	0.3

JADUAL C6: KAEDAH MENANAM PADI MENGIKUT KAWASAN JELAPANG PADI DAN JENIS KAWASAN, MALAYSIA, LUAR MUSIM 2021
Table C6: Paddy planting methods by granary area and area type, Malaysia, Off Season 2021

JELAPANG PADI Granary Area	BILANGAN SAMPEL MENGIKUT KAEDAH MENANAM PADI Number of samples according to method of paddy planting																	
	BILANGAN SAMPEL DIANALISIS Number of samples analysed			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	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	-	-	-	-	-	-	506	506	-	2	2	-	167	167	-	
KADA	271	271	-	-	-	-	-	-	120	120	-	-	-	-	151	151	-	
IADA KERIAN	156	156	-	-	-	-	-	-	128	128	-	-	-	-	28	28	-	
IADA BLS	108	108	-	-	-	83	83	-	25	25	-	-	-	-	-	-	-	
IADA P. PINANG	92	92	-	-	-	4	4	-	52	52	-	-	-	-	36	36	-	
IADA SEB PERAK	97	97	-	-	-	-	-	-	39	39	-	-	-	-	58	58	-	
IADA KETARA	61	61	-	-	-	-	-	-	61	61	-	-	-	-	-	-	-	
IADA KEM SEMERAK	51	51	-	-	-	-	-	-	51	51	-	-	-	-	-	-	-	
IADA PEKAN	54	54	-	-	-	-	-	-	54	54	-	-	-	-	-	-	-	
IADA ROMPIN	35	35	-	-	-	-	-	-	35	35	-	-	-	-	-	-	-	
IADA KOTA BELUD	25	25	-	13	-	-	-	-	12	12	-	-	-	-	-	-	-	
IADA BATANG LUPAR	2	2	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	
JUMLAH Total	1,627	1,627	-	13	-	87	87	-	1,083	1,083	-	4	4	-	440	440	-	
%	100.0	100.0	-	0.8	0.8	5.3	5.3	-	66.6	66.6	-	0.2	0.2	-	27.0	27.0	-	

JADUAL C7: KADAR PENGGUNAAN BENIH MENGIKUT KAEDAH MIENANAM PADI DAN NEGERI, MALAYSIA, LUAR MUSIM 2021
Table C7: Seeding rate by methods of paddy planting and state, Malaysia, Off Season 2021

NEGERI State	BILANGAN SAMPLE DIANALISIS Number of samples analysed	BILANGAN DAN PERATUS SAMPEL YANG 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)
JOHOR	27	27	100.0	-	-	114	-	-
KEDAH	709	709	100.0	-	-	144	-	145
KELANTAN	469	469	100.0	-	-	149	-	152
MELAKA	39	39	100.0	-	-	122	-	-
NEGERI SEMBILAN	30	30	100.0	-	-	152	-	-
PAHANG	128	128	100.0	-	-	139	126	-
PERAK	310	310	100.0	-	-	161	-	170
PERLIS	194	194	100.0	-	-	141	139	151
PULAU PINANG	92	92	100.0	-	75	155	-	152
SELANGOR	108	108	100.0	-	64	133	-	-
TERENGGANU	145	145	100.0	-	-	142	-	-
SEM. MALAYSIA <i>Pen. Malaysia</i>	2,251	2,251	100.0	-	65	146	130	153
SABAH	91	91	100.0	42	70	131	-	-
SARAWAK	46	46	100.0	21	-	131	131	-
MALAYSIA	2,388	2,388	100.0	35	65	145	131	153

JADUAL C8: KADAR PENGGUNAAN BENIH MENGIKUT KAEDAH MENANAM PADI DAN KAWASAN JELAPANG PADI, MALAYSIA, LUAR MUSIM 2021
Table C8: Seeding rate by methods of paddy planting and granary area, Malaysia, Off Season 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	-	-	147	129	146
KADA	271	271	100.0	-	-	153	-	152
IADA KERIAN	156	156	100.0	-	-	173	-	174
IADA BLS	108	108	100.0	-	64	133	-	-
IADA P. PINANG	92	92	100.0	-	75	155	-	152
IADA SEB PERAK	97	97	100.0	-	-	164	-	171
IADA KETARA	61	61	100.0	-	-	149	-	-
IADA KEM SEMERAK	51	51	100.0	-	-	151	-	-
IADA PEKAN	54	54	100.0	-	-	140	-	-
IADA ROMPIN	35	35	100.0	-	-	136	-	-
IADA KOTA BELUD	25	25	100.0	44	-	146	-	-
IADA BATANG LUPAR	2	2	100.0	-	-	-	120	-
JUMLAH Total	1,627	1,627	100.0	44	65	151	125	154

JADUAL C9: PENGGUNAAN MEKANISASI MENGIKUT JENIS AKTIVITI DAN NEGERI, MALAYSIA, LUAR MUSIM 2021
Table C9: Mechanisation by type of activity and state, Malaysia, Off Season 2021

NEGERI State	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	%	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)		
JOHOR	27	27	100.0	-	-	27	100.0	27	100.0	27	100.0	27	100.0	27	100.0
KEDAH	709	694	97.9	-	-	691	97.5	689	97.2	685	96.6	705	99.4		
KELANTAN	469	469	100.0	-	-	436	93.0	427	91.0	441	94.0	469	100.0		
MELAKA	39	39	100.0	-	-	38	97.4	39	100.0	39	100.0	39	100.0		
NEGERI SEMBILAN	30	30	100.0	-	-	30	100.0	30	100.0	30	100.0	30	100.0		
PAHANG	128	128	100.0	-	-	128	100.0	128	100.0	128	100.0	128	100.0		
PERAK	310	310	100.0	-	-	310	100.0	310	100.0	310	100.0	310	100.0		
PERLIS	194	194	100.0	-	-	193	99.5	192	99.0	194	100.0	194	100.0		
PULAU PINANG	92	92	100.0	4	4.3	88	95.7	92	100.0	92	100.0	92	100.0		
SELANGOR	108	108	100.0	83	76.9	23	21.3	100	92.6	103	95.4	103	95.4		
TERENGGANU	145	145	100.0	-	-	142	97.9	127	87.6	136	93.8	145	100.0		
SEM. MALAYSIA Pen. Malaysia	2,251	2,236	99.3	87	3.9	2,106	93.6	2,161	96.0	2,185	97.1	2,242	99.6		
SABAH	91	78	85.7	4	4.4	48	52.7	37	40.7	52	57.1	77	84.6		
SARAWAK	46	-	-	-	-	30	65.2	-	-	-	-	32	69.6		
MALAYSIA	2,388	2,314	96.9	91	3.8	2,184	91.5	2,198	92.0	2,237	93.7	2,351	98.5		

JADUAL C10: PENGGUNAAN MEKANISASI MENGIKUT JENIS AKTIVITI DAN KAWASAN JELAPANG PADI, MALAYSIA, LUAR MUSIM 2021
Table C10: Mechanisation by type of activity and granary area, Malaysia, Off Season 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)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
MADA	675	100.0	-	-	100.0	675	100.0	674	99.9	675	100.0	674	99.9
KADA	271	100.0	-	-	100.0	271	100.0	259	95.6	264	97.4	271	100.0
IADA KERIAN	156	100.0	-	-	100.0	156	100.0	156	100.0	156	100.0	156	100.0
IADA BLS	108	100.0	83	77	21.3	23	21.3	100	92.6	103	95.4	103	95.4
IADA P. PINANG	92	100.0	4	-	95.7	88	95.7	92	100.0	92	100.0	92	100.0
IADA SEB PERAK	97	100.0	-	-	100.0	97	100.0	97	100.0	97	100.0	97	100.0
IADA KETARA	61	100.0	-	-	100.0	61	100.0	61	100.0	61	100.0	61	100.0
IADA KEM SEMERAK	51	100.0	-	-	88.2	45	88.2	42	82.4	42	82.4	51	100.0
IADA PEKAN	54	100.0	-	-	100.0	54	100.0	54	100.0	54	100.0	54	100.0
IADA ROMPIN	35	100.0	-	-	100.0	35	100.0	35	100.0	35	100.0	35	100.0
IADA KOTA BELUD	25	100.0	-	-	100.0	25	100.0	25	100.0	20	80.0	25	100.0
IADA BATANG LUPAR	2	-	-	-	-	-	-	-	-	-	-	2	100.0
JUMLAH Total	1,627	99.9	87	5.3	94.0	1,530	94.0	1,595	98.0	1,599	98.3	1,621	99.6

**JADUAL C11: BILANGAN SAMPEL DAN PURATA HASIL PADI BASAH
MENGIKUT VARIETI PADI, SABAH, LUAR MUSIM 2021**

*Table C11: Number of samples and average yield of wet paddy
by paddy variety, Sabah, Off Season 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 BASAH (KG/HEKTAR) Average yield of wet paddy (Kg/ha)
(1)	(2)	(3)	(4)	(5)
TR 8	37	40.7	4,661	3,696
TR 10	1	1.1	3,250	2,577
Tempatan	50	54.9	4,485	3,305
Tempatan (Trusan Sapi)	2	2.2	4,500	3,852
Tempatan (Adan)	1	1.1	4,700	4,023
SABAH	91	100.0	4,546	3,673

**JADUAL C12: BILANGAN SAMPEL DAN PURATA HASIL PADI BASAH
MENGIKUT VARIETI PADI, SARAWAK, LUAR MUSIM UTAMA 2021**

*Table C12: Number of samples and average yield of wet paddy
by paddy variety, Sarawak, Off Season 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)	(5)
Bajong	2	4.3	4,200	3,738
MRQ 98	1	2.2	4,665	4,152
MRQ 76	2	4.3	4,320	3,845
MR 100	1	2.2	3,090	2,750
MR 296	35	76.1	2,550	2,270
Tempatan	5	10.9	1,050	935
SARAWAK	46	100.0	2,543	2,085

**JADUAL D1: SAMBUTAN UJIAN PENGERINGAN MENGIKUT NEGERI DAN
STESEN PENGERINGAN, MALAYSIA, LUAR MUSIM 2021**

*Table D1: Response of driage tests by state and
driage station, Malaysia, Off Season 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 <i>Number</i>	%
(1)	(2)	(3)	(4)	(5)
JOHOR				
1. Ayer Hitam	18	0	18	100.0
KEDAH (L/MADA)				
2. Teluk Chengai	108	2	106	98.1
KELANTAN				
3. Besut	250	1	249	99.6
MELAKA				
4. Pulau Gadong	26	0	26	100.0
N. SEMBILAN				
5. Sendayan	20	6	14	70.0
PAHANG				
6. Bukit Ubi	82	0	82	100.0
PERAK				
7. Titi Gantung	186	0	186	100.0
PERLIS (L/MADA)				
8. Bukit Temiang	60	0	60	100.0
PULAU PINANG				
9. Bumbung Lima	70	3	67	95.7
SELANGOR				
10. Sungai Burung	108	0	108	100.0
TERENGGANU				
11. Besut	98	0	98	100.0
MADA				
12. Ampang Jajar	160	1	159	99.4
SEM. MALAYSIA <i>Pen. Malaysia</i>	1,186	13	1,173	98.9
SABAH	53	4	49	92.5
SARAWAK	46	0	46	100.0
MALAYSIA	1,285	17	1,268	98.7

**JADUAL D2: UJIAN PENGERINGAN - BERAT SAMPEL PADI BASAH, PADI KERING DAN PADI BERSIH
MENGIKUT NEGERI, MALAYSIA, LUAR MUSIM 2021**

*Table D2: Driage test - Sample weight of wet paddy, dried paddy and cleaned paddy
by state, Malaysia, Off Season 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		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)
JOHOR	1.000	25.4	0.907	0.872	14.0	0.881	3.5
KEDAH	1.000	20.2	0.893	0.778	11.2	0.806	11.5
KELANTAN	1.000	25.2	0.866	0.769	10.9	0.797	9.7
MELAKA	1.000	33.7	0.835	0.747	11.9	0.766	8.8
N. SEMBILAN	1.000	29.9	0.820	0.820	13.1	0.828	0.0
PAHANG	1.000	17.5	0.926	0.832	12.7	0.845	9.4
PERAK	1.000	24.1	0.843	0.657	11.2	0.678	18.6
PERLIS	1.000	17.0	0.964	0.855	6.5	0.874	10.9
PULAU PINANG	1.000	23.3	0.862	0.779	11.7	0.800	8.3
SELANGOR	1.000	26.6	0.841	0.730	12.1	0.746	11.1
TERENGGANU	1.000	24.5	0.866	0.694	11.0	0.719	17.2
SEM. MALAYSIA Pen. Malaysia	1.000	23.0	0.877	0.757	11.0	0.780	12.0
SABAH	1.000	18.2	0.919	0.794	12.5	0.808	12.5
SARAWAK	1.000	15.1	0.984	0.885	13.5	0.891	9.9
MALAYSIA	1.000	22.6	0.882	0.763	11.2	0.785	11.9

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

JADUAL D3: UJIAN PENGERINGAN - BERAT SAMPEL PADI BASAH, PADI KERING DAN PADI BERSIH
MENGIKUT KAWASAN JELAPANG PADI, MALAYSIA, LUAR MUSIM 2021
Table D3: Driage tests - Sample weights of wet paddy, dried paddy and cleaned paddy
by granary area, Malaysia, Off Season 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 HAMPAS (DISTESEN) Percentage of unfilled grain (at station)
	SAMPEL Sample (KG)	% KWB % MC	(3)	(4)	SEKITAR 14 % KWB Around 14% MC	% KWB % MC	DISESUAIKAN TEPAT 14 % KWB Converted to exact 14% MC	
MADA	1.000		21.6	0.896	0.789	11.5	0.812	10.7
KADA	1.000		28.9	0.850	0.760	10.2	0.793	9.0
IADA KERIAN	1.000		23.2	0.852	0.736	11.6	0.755	11.6
IADA BLS	1.000		26.6	0.841	0.730	12.1	0.746	11.1
IADA P. PINANG	1.000		23.3	0.862	0.779	11.7	0.800	8.3
IADA SEB PERAK	1.000		25.4	0.833	0.595	11.0	0.615	23.8
IADA KETARA	1.000		24.0	0.875	0.714	10.8	0.741	16.1
IADA KEM SEMERAK	1.000		25.5	0.839	0.765	11.2	0.789	7.4
IADA PEKAN	1.000		17.9	0.915	0.797	12.6	0.809	11.8
IADA ROMPIN	1.000		17.4	0.935	0.872	13.1	0.881	6.3
IADA KOTA BELUD	1.000		16.7	0.948	0.787	13.2	0.794	16.1
IADA BATANG LUPAR	1.000		14.4	0.949	0.863	14.0	0.863	8.6
KESELURUHAN Overall	1.000		24.1	0.867	0.749	11.4	0.771	11.8

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

**JADUAL D4: UJIAN PENGERINGAN - BERAT SAMPEL PADI BASAH, PADI KERING DAN PADI BERSIH
MENGIKUT VARIETI PADI, SEMENANJUNG MALAYSIA, LUAR MUSIM 2021**

*Table D4: Driage tests - Sample weights of wet paddy, dried paddy and cleaned paddy
by paddy variety, Peninsular Malaysia, Off Season 2021*

VARIETI PADI Paddy variety	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		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)
MR 219	1.000	24.1	0.863	0.716	11.4	0.737	14.7
MR 220	1.000	25.8	0.869	0.761	12.1	0.776	10.8
MR 220 CL2	1.000	19.8	0.905	0.800	11.7	0.826	10.5
MR 263	1.000	24.7	0.858	0.760	11.3	0.784	9.8
MR 269	1.000	26.7	0.849	0.752	11.8	0.772	9.7
MR 297	1.000	22.8	0.872	0.750	11.4	0.773	12.2
MR 315	1.000	21.3	0.893	0.770	11.3	0.794	12.3
MR 47	1.000	16.8	0.907	0.781	10.0	0.818	12.6
MRQ 76	1.000	15.4	0.959	0.870	10.3	0.907	8.9
NMR 152	1.000	21.2	0.877	0.725	12.6	0.737	15.2
SEBERNAS 307	1.000	20.6	0.903	0.817	12.0	0.830	8.6
SEMPADAN 303	1.000	21.8	0.894	0.807	11.1	0.844	8.7
UKMRC-2	1.000	23.5	0.898	0.828	11.8	0.847	7.0
UKMRC-8	1.000	18.4	0.928	0.822	11.5	0.844	10.6
U-PUTRA 1	1.000	28.4	0.888	0.803	10.4	0.836	8.5
U-PUTRA 2	1.000	25.2	0.840	0.729	10.5	0.759	11.1

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, LUAR MUSIM 2021**

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

(1) KELAS PADI <i>Paddy class</i>	(2) FAKTOR PADI KERING <i>Factor for dried paddy</i>	(3) FAKTOR PADI BERSIH <i>Factor for cleaned paddy</i>
(i) Semenanjung Malaysia <i>Peninsular Malaysia</i>		
a. Kelas Panjang <i>Long grain</i>	0.877	0.780
b. Kelas Sederhana <i>Medium grain</i>	-	-
(ii) Kawasan Jelapang Padi <i>Granary area</i>		
a. Kelas Panjang <i>Long grain</i>	0.867	0.771
b. Kelas Sederhana <i>Medium grain</i>	-	-

LAMPIRAN 1
Appendix

**KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN
KESELURUHAN PADI (PADI SAWAH DAN PADI HUMA) MENGIKUT NEGERI DAN MUSIM, MALAYSIA, 2021**
*Planted area, average yield of cleaned paddy and overall
paddy production (Wetland Paddy and Dryland Paddy) by state and season, Malaysia, 2021*

NEGERI State	SEMUA MUSIM 2021 All Seasons 2021			MUSIM UTAMA 2020/2021 Main Season 2020/2021			LUAR MUSIM 2021 Off Season 2021		
	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 (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
JOHOR	2,505	3,605	9,031	1,475	3,245	4,786	1,030	4,121	4,245
KEDAH	214,880	4,220	906,692	107,592	4,239	456,082	107,288	4,200	450,610
KELANTAN	74,972	4,453	333,868	40,333	4,523	182,426	34,639	4,372	151,442
MELAKA	3,462	2,971	10,287	1,731	2,888	4,999	1,731	3,055	5,288
N.SEMBILAN	1,480	3,150	4,662	877	3,119	2,735	603	3,195	1,927
PAHANG	13,639	3,729	50,866	8,720	3,939	34,348	4,919	3,358	16,518
PERAK	74,949	3,261	244,397	37,592	3,370	126,685	37,357	3,151	117,712
PERLIS	60,478	4,234	256,034	30,239	3,772	114,062	30,239	4,695	141,972
P.PINANG	24,210	5,655	136,919	12,105	5,716	69,192	12,105	5,595	67,727
SELANGOR	35,885	4,337	155,631	17,960	4,790	86,028	17,925	3,883	69,603
TERENGGANU	19,601	3,674	72,023	10,503	3,518	36,950	9,098	3,855	35,073
SEM. MALAYSIA <i>Pen. Malaysia</i>	526,061	4,145	2,180,410	269,127	4,155	1,118,293	256,934	4,134	1,062,117
SABAH	38,732	2,899	112,284	29,364	2,652	77,877	9,368	3,673	34,407
SARAWAK	83,143	1,791	148,903	82,885	1,790	148,365	258	2,085	538
MALAYSIA	647,936	3,768	2,441,597	381,376	3,525	1,344,535	266,560	4,116	1,097,062

LAMPIRAN 2 Appendix

KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH MENGIKUT NEGERI DAN MUSIM, MALAYSIA, 2021 Planted area, average yield of cleaned paddy and production of Wetland Paddy by state and season, Malaysia, 2021

NEGERI State	SEMUA MUSIM 2021 All Seasons 2021			MUSIM UTAMA 2020/2021 Main Season 2020/2021			LUAR MUSIM 2021 Off Season 2021		
	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	2,505	3,605	9,031	1,475	3,245	4,786	1,030	4,121	4,245
KEDAH	214,880	4,220	906,692	107,592	4,239	456,082	107,288	4,200	450,610
KELANTAN	74,972	4,453	333,868	40,333	4,523	182,426	34,639	4,372	151,442
MELAKA	3,462	2,971	10,287	1,731	2,888	4,999	1,731	3,055	5,288
N.SEMBILAN	1,480	3,150	4,662	877	3,119	2,735	603	3,195	1,927
PAHANG	13,639	3,729	50,866	8,720	3,939	34,348	4,919	3,358	16,518
PERAK	74,949	3,261	244,397	37,592	3,370	126,685	37,357	3,151	117,712
PERLIS	60,478	4,234	256,034	30,239	3,772	114,062	30,239	4,695	141,972
P.PINANG	24,210	5,655	136,919	12,105	5,716	69,192	12,105	5,595	67,727
SELANGOR	35,885	4,337	155,631	17,960	4,790	86,028	17,925	3,883	69,603
TERENGGANU	19,601	3,674	72,023	10,503	3,518	36,950	9,098	3,855	35,073
SEM. MALAYSIA <i>Pen. Malaysia</i>	526,061	4,145	2,180,410	269,127	4,155	1,118,293	256,934	4,134	1,062,117
SABAH	24,999	3,462	86,547	15,631	3,362	52,140	9,368	3,673	34,407
SARAWAK	45,063	2,676	120,582	44,805	2,679	120,044	258	2,085	538
MALAYSIA	596,123	4,005	2,387,539	329,563	3,916	1,290,477	266,560	4,116	1,097,062

LAMPIRAN 3
Appendix

**KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN
PADI HUMA (TANAH TINGGI DAN TANAH RENDAH) MENGIKUT NEGERI DAN MUSIM, MALAYSIA, 2021**
*Planted area, average yield of cleaned paddy and production of
Dryland Paddy (upland and lowland) by state and season, Malaysia, 2021*

NEGERI State	SEMUA MUSIM 2021 All Seasons 2021			MUSIM UTAMA 2020/2021 Main Season 2020/2021			LUAR MUSIM 2021 Off Season 2021		
	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	13,733	1,874	25,737	13,733	1,874	25,737	-	-	-
SARAWAK	38,080	744	28,321	38,080	744	28,321	-	-	-
MALAYSIA	51,813	1,043	54,058	51,813	1,043	54,058	-	-	-

LAMPIRAN 4
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 2020				MUSIM UTAMA 2019/2020 Main Season 2019/2020				LUAR MUSIM 2020 Off Season 2020			
	KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) Average Yield of Paddy	PENGELUARAN PADI (TAN METRIK) Paddy Production (Metric Tonne)	(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	513,597	4,032	2,070,957	262,657	3,948	1,037,046	250,940	4,120	1,033,911			
<i>Pen. Malaysia</i>												
SABAH	40,446	2,914	117,846	30,384	2,772	84,239	10,062	3,340	33,607			
SARAWAK	90,865	1,844	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 5
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 2020				MUSIM UTAMA 2019/2020 Main Season 2019/2020				LUAR MUSIM 2020 Off Season 2020			
	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)
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 <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	17,497	3,425	59,920	10,062	3,340	33,607			
SARAWAK	49,783	2,730	135,922	49,587	2,731	135,410	196	2,609	512			
MALAYSIA	590,939	3,893	2,300,406	329,741	3,737	1,232,376	261,198	4,089	1,068,030			

LAMPIRAN 6
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 2020						MUSIM UTAMA 2019/2020 Main Season 2019/2020						LUAR MUSIM 2020 Off Season 2020					
	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)	
	(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	12,887	1,887	24,319	12,887	1,887	24,319	12,887	1,887	24,319	12,887	1,887	24,319
SARAWAK	41,082	771	31,667	41,082	771	31,667	41,082	771	31,667	41,082	771	31,667	41,082	771	31,667	41,082	771	31,667
MALAYSIA	53,969	1,037	55,986	53,969	1,037	55,986	53,969	1,037	55,986	53,969	1,037	55,986	53,969	1,037	55,986	53,969	1,037	55,986

LAMPIRAN 7
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 METIK) 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 METIK) 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 METIK) 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	3,750	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	647,936	3,768	2,441,597	381,376	3,525	1,344,535	266,560	4,116	1,097,062

LAMPIRAN 8
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		
	(2) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(3) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average	(4) PENGELUARAN PADI (TAN METIK) Paddy Production (Metric Tonne)	(5) KELUASAN BERTANAM (HEKTAR) Planted Area (Hectare)	(6) PURATA HASIL PADI BERSIH (KG/HEKTAR) Average	(7) PENGELUARAN PADI (TAN METIK) 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 METIK) Paddy Production (Metric Tonne)
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	596,123	4,005	2,387,539	329,563	3,916	1,290,477	266,560	4,116	1,097,062

LAMPIRAN 9
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 METIK) 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 METIK) 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 METIK) Paddy Production (Metric Tonne)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	70,912	886	62,830	70,912	886	62,830	-	-	-
2012	70,744	860	60,808	70,744	860	60,808	-	-	-
2013	67,775	902	61,137	67,775	902	61,137	-	-	-
2014	63,532	961	61,067	63,532	961	61,067	-	-	-
2015	62,427	826	51,584	62,427	826	51,584	-	-	-
2016	68,395	905	61,874	68,395	905	61,874	-	-	-
2017	65,473	946	61,966	65,473	946	61,966	-	-	-
2018	70,710	882	62,364	70,710	882	62,364	-	-	-
2019	62,470	898	56,111	62,470	898	56,111	-	-	-
2020	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	-	-	-

LAMPIRAN 10
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 METIK) Paddy Production (Metric Tonne)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	6,710	2,285	15,328	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	6,926	1,897	13,142	-	-	-
2013	5,954	2,277	13,554	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	6,434	2,762	17,771	-	-	-
2015	6,105	1,509	9,214	6,105	1,509	9,214	6,105	1,509	9,214	-	-	-
2016	11,388	1,735	22,512	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	12,202	1,845	22,512	-	-	-
2018	11,744	1,447	16,989	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	14,274	1,385	19,802	-	-	-
2020	12,887	1,887	24,319	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	13,733	1,874	25,737	-	-	-

LAMPIRAN 11
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 METIK) Paddy Production (Metric Tonne)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011	64,202	740	47,502	64,202	740	47,502	64,202	740	47,502	-	-	-
2012	63,818	747	47,666	63,818	747	47,666	63,818	747	47,666	-	-	-
2013	61,821	770	47,583	61,821	770	47,583	61,821	770	47,583	-	-	-
2014	57,098	758	43,296	57,098	758	43,296	57,098	758	43,296	-	-	-
2015	56,322	752	42,370	56,322	752	42,370	56,322	752	42,370	-	-	-
2016	57,007	739	42,112	57,007	739	42,112	57,007	739	42,112	-	-	-
2017	53,271	741	39,454	53,271	741	39,454	53,271	741	39,454	-	-	-
2018	58,966	770	45,375	58,966	770	45,375	58,966	770	45,375	-	-	-
2019	48,196	753	36,309	48,196	753	36,309	48,196	753	36,309	-	-	-
2020	41,082	771	31,667	41,082	771	31,667	41,082	771	31,667	-	-	-
2021	38,080	744	28,321	38,080	744	28,321	38,080	744	28,321	-	-	-

LAMPIRAN 12
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI
UNTUK KESELURUHAN KAWASAN JELAPANG PADI, MALAYSIA, 2011 - 2021
Time series data - Planted area, average yield of cleaned paddy and paddy production
for overall granary area, 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	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)	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)
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	5,335	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	4,895	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	416,415	4,230	1,761,421	210,947	4,185	882,770	205,468	4,276	878,651

LAMPIRAN 13
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	201,347	4,192	843,947	100,671	3,921	394,731	100,676	4,462	449,216

LAMPIRAN 14
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	52,589	4,874	256,321	26,300	5,141	135,208	26,289	4,607	121,113

LAMPIRAN 15
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) <i>Planted Area</i> (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) <i>Average Yield</i> of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) <i>Paddy</i> Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) <i>Planted Area</i> (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) <i>Average Yield</i> of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) <i>Paddy</i> Production (Metric Tonne)	KELUASAN BERTANAM (HEKTAR) <i>Planted Area</i> (Hectare)	PURATA HASIL PADI BERSIH (KG/HEKTAR) <i>Average Yield</i> of Cleaned Paddy (Kg/Hectare)	PENGELUARAN PADI (TAN METRIK) <i>Paddy</i> 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	36,994	3,830	141,687	18,497	3,893	72,009	18,497	3,767	69,678

LAMPIRAN 16
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	35,885	4,337	155,631	17,960	4,790	86,028	17,925	3,883	69,603

LAMPIRAN 17
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 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	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	24,210	5,655	136,919	12,105	5,716	69,192	12,105	5,595	67,727

LAMPIRAN 18
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	26,296	2,613	68,724	13,148	2,644	34,763	13,148	2,583	33,961

LAMPIRAN 19
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	9,752	5,218	50,886	4,876	5,407	26,365	4,876	5,029	24,521

LAMPIRAN 20
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	8,401	3,656	30,716	4,497	3,765	16,931	3,904	3,531	13,785

LAMPIRAN 21
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	7,446	3,218	23,959	5,655	3,482	19,691	1,791	2,383	4,268

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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	8,842	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	5,272	4,610	24,306	2,480	5,133	12,730	2,792	4,146	11,576

LAMPIRAN 23
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	7,092	3,540	25,105	3,637	3,276	11,915	3,455	3,818	13,190

LAMPIRAN 24
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	1,131	2,847	3,220	1,121	2,861	3,207	10	1,295	13

LAMPIRAN 25
Appendix

DATA SIRI MASA - 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)
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	526,061	4,145	2,180,410	269,127	4,155	1,118,293	256,934	4,134	1,062,117

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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)
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	2,505	3,605	9,031	1,475	3,245	4,786	1,030	4,121	4,245

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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)
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	214,880	4,220	906,692	107,592	4,239	456,082	107,288	4,200	450,610

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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)
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	74,972	4,453	333,868	40,333	4,523	182,426	34,639	4,372	151,442

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Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH
DAN PENGELUARAN 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)	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	3,462	2,971	10,287	1,731	2,888	4,999	1,731	3,055	5,288

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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		
	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	2,016	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	1,480	3,150	4,662	877	3,119	2,735	603	3,195	1,927

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Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH
DAN PENGELUARAN 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)	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	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	13,639	3,729	50,866	8,720	3,939	34,348	4,919	3,358	16,518

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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)
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	2,988	114,025	37,783	3,134	118,412
2021	74,949	3,261	244,397	37,592	3,370	126,685	37,357	3,151	117,712

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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)
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	60,478	4,234	256,034	30,239	3,772	114,062	30,239	4,695	141,972

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Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH
DAN PENGELUARAN PADI SAWAH BAGI NEGERI P.PINANG, 2011 - 2021
*Time series data - Planted area, average yield of cleaned paddy
and production of Wetland Paddy for State of P.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)
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	5,857	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	24,210	5,655	136,919	12,105	5,716	69,192	12,105	5,595	67,727

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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)	(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	80,331			
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	35,885	4,337	155,631	17,960	4,790	86,028	17,925	3,883	69,603			

LAMPIRAN 36
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)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
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	19,601	3,674	72,023	10,503	3,518	36,950	9,098	3,855	35,073

LAMPIRAN 37
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		
	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	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	117,869	3,672	432,845	62,938	3,718	234,033	54,931	3,619	198,812

LAMPIRAN 38
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		
	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	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	2,505	3,605	9,031	1,475	3,245	4,786	1,030	4,121	4,245

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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		
	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	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	53,679	3,985	213,917	26,994	4,437	119,772	26,685	3,528	94,145

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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		
	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	11,938	2,547	30,405	8,932	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	13,982	3,490	48,800	9,536	3,466	33,052	4,446	3,542	15,748

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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	3,524	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	3,462	2,971	10,287	1,731	2,888	4,999	1,731	3,055	5,288

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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		
	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	2,016	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	1,480	3,150	4,662	877	3,119	2,735	603	3,195	1,927

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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		
	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	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	921	3,298	3,037	585	3,613	2,114	336	2,748	923

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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		
	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	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	11,659	3,464	40,390	5,947	3,818	22,706	5,712	3,096	17,684

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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)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
2011	14,723	3,643	53,642	7,332	3,589	26,315	7,391	3,697	7,391	3,697	27,327
2012	14,782	4,086	60,392	7,391	4,089	30,222	7,391	4,082	7,391	4,082	30,170
2013	14,782	4,202	62,113	7,391	4,234	31,293	7,391	4,170	7,391	4,170	30,820
2014	14,782	4,224	62,446	7,391	4,244	31,367	7,391	4,205	7,391	4,205	31,079
2015	14,782	4,336	64,094	7,391	4,392	32,461	7,391	4,280	7,391	4,280	31,633
2016	11,416	3,886	44,357	5,733	4,347	24,921	5,683	3,420	5,683	3,420	19,436
2017	11,466	3,551	40,716	5,733	3,986	22,852	5,733	3,116	5,733	3,116	17,864
2018	11,466	3,965	45,457	5,733	4,102	23,517	5,733	3,827	5,733	3,827	21,940
2019	11,466	3,372	38,664	5,733	3,443	19,739	5,733	3,301	5,733	3,301	18,925
2020	11,462	3,093	35,448	5,729	2,817	16,139	5,733	3,368	5,733	3,368	19,309
2021	20,332	3,875	78,787	10,166	3,071	31,220	10,166	4,679	10,166	4,679	47,567

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Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH
DAN PENGELUARAN PADI SAWAH (LUAR JELAPANG) BAGI NEGERI P.PINANG, 2011 - 2021
Time series data - Planted area, average yield of cleaned paddy
and production of Wetland Paddy (Outside Granary Area) for State of P.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)
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 47
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		
	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	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	9,849	2,430	23,934	5,627	2,248	12,649	4,222	2,673	11,285

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Appendix

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

NEGERI State	JOHOR		KEDAH		KELANTAN		MELAKA		NEGERI SEMABILAN		PAHANG		PERAK		PERLIS		PULAU PINANG		SELANGOR		TERENGGANU		JUMLAH Total																									
	LUAS TANAM	Parcel Planted Area	LUAS TANAM	Parcel Planted Area	LUAS TANAM	Parcel Planted Area	LUAS TANAM	Parcel Planted Area	LUAS TANAM	Parcel Planted Area	LUAS TANAM	Parcel Planted Area	LUAS TANAM	Parcel Planted Area	LUAS TANAM	Parcel Planted Area	LUAS TANAM	Parcel Planted Area	LUAS TANAM	Parcel Planted Area	LUAS TANAM	Parcel Planted Area	LUAS TANAM	Parcel Planted Area	LUAS TANAM	Parcel Planted Area																						
(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)																						
2011	1,911	1,528	112,858	107,237	47,907	32,403	3,827	1,214	2,150	1,070	8,048	4,913	43,276	41,021	26,090	26,067	12,782	12,782	19,021	18,731	14,630	8,233	292,500	255,199	1,911	1,528	112,858	107,237	47,907	32,403	3,827	1,214	2,150	1,070	8,048	4,913	43,276	41,021	26,090	26,067	12,782	12,782	19,021	18,731	14,630	8,233	292,500	255,199
2012	1,911	1,503	112,858	106,625	47,907	21,986	3,827	1,260	2,150	735	8,048	3,881	43,276	41,037	26,090	26,059	12,782	12,782	19,021	18,934	14,630	8,241	292,500	243,043	1,911	1,503	112,858	106,625	47,907	21,986	3,827	1,260	2,150	735	8,048	3,881	43,276	41,037	26,090	26,059	12,782	12,782	19,021	18,934	14,630	8,241	292,500	243,043
2013	1,931	1,435	112,858	106,122	47,837	15,534	3,800	1,359	2,062	924	8,675	4,402	43,276	40,606	26,090	26,054	12,782	12,782	19,021	18,934	11,550	7,892	289,882	236,044	1,931	1,435	112,858	106,122	47,837	15,534	3,800	1,359	2,062	924	8,675	4,402	43,276	40,606	26,090	26,054	12,782	12,782	19,021	18,934	11,550	7,892	289,882	236,044
2014	1,931	1,421	112,858	106,072	47,837	29,866	3,800	1,370	2,062	910	8,675	4,529	43,276	40,542	26,090	26,029	12,782	12,782	19,021	18,917	11,550	7,502	289,882	249,940	1,931	1,421	112,858	106,072	47,837	29,866	3,800	1,370	2,062	910	8,675	4,529	43,276	40,542	26,090	26,029	12,782	12,782	19,021	18,917	11,550	7,502	289,882	249,940
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	291,086	255,176	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	291,086	255,176
2016	1,960	1,044	110,013	106,880	46,465	33,009	3,414	1,777	2,062	594	9,135	4,908	43,079	40,606	25,806	25,667	12,782	12,782	19,057	19,057	12,806	7,401	286,579	253,745	1,960	1,044	110,013	106,880	46,465	33,009	3,414	1,777	2,062	594	9,135	4,908	43,079	40,606	25,806	25,667	12,782	12,782	19,057	19,057	12,806	7,401	286,579	253,745
2017	1,962	1,450	110,035	106,929	46,488	32,848	1,837	1,748	2,096	1,050	9,328	5,016	43,079	40,833	25,806	25,749	12,782	12,782	19,057	18,354	11,692	8,426	284,162	255,185	1,962	1,450	110,035	106,929	46,488	32,848	1,837	1,748	2,096	1,050	9,328	5,016	43,079	40,833	25,806	25,749	12,782	12,782	19,057	18,354	11,692	8,426	284,162	255,185
2018	1,962	1,419	109,940	107,149	46,468	32,533	1,837	1,506	2,096	613	9,328	4,387	43,080	40,880	25,806	25,806	12,782	12,782	19,057	18,514	11,692	8,205	284,048	253,794	1,962	1,419	109,940	107,149	46,468	32,533	1,837	1,506	2,096	613	9,328	4,387	43,080	40,880	25,806	25,806	12,782	12,782	19,057	18,514	11,692	8,205	284,048	253,794
2019	1,959	1,397	109,994	106,778	45,048	30,978	1,837	1,629	2,096	825	9,336	4,288	43,079	40,698	25,806	25,806	12,782	12,782	18,590	18,162	11,728	8,739	282,255	252,072	1,959	1,397	109,994	106,778	45,048	30,978	1,837	1,629	2,096	825	9,336	4,288	43,079	40,698	25,806	25,806	12,782	12,782	18,590	18,162	11,728	8,739	282,255	252,072
2020	1,959	1,102	109,940	106,822	45,005	33,849	1,837	1,629	2,065	837	9,336	3,974	43,190	37,783	25,806	25,806	12,105	12,105	18,784	17,889	11,596	9,144	281,623	250,940	1,959	1,102	109,940	106,822	45,005	33,849	1,837	1,629	2,065	837	9,336	3,974	43,190	37,783	25,806	25,806	12,105	12,105	18,784	17,889	11,596	9,144	281,623	250,940
2021	1,631	1,030	109,817	107,288	45,005	34,639	1,837	1,731	2,065	603	10,165	4,919	40,531	37,357	30,239	30,239	12,105	12,105	18,784	17,925	11,551	9,098	283,730	256,934	1,631	1,030	109,817	107,288	45,005	34,639	1,837	1,731	2,065	603	10,165	4,919	40,531	37,357	30,239	30,239	12,105	12,105	18,784	17,925	11,551	9,098	283,730	256,934

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Appendix

DATA SIRI MASA - KELUASAN PASEL DAN KELUASAN BERTANAM PADI SAWAH (HEKTAR)
MENGIKUT KAWASAN JELAPANG PADI, MALAYSIA, LUAR MUSIM 2011 - 2021
Time series data - Parcel and planted areas for Wetland Paddy (hectare)
by granary area, Peninsular Malaysia, Off Season 2010 - 2020

JELAPANG PADI Granary Area	MADA		KADA		IADA KERIAN		IADA BLS		PULAU PINANG		IADA SEBERANG PERAK		IADA KETARA		IADA SEMERAK		IADA PEKAN		IADA ROMPIN		IADA KOTA BELUD		IADA BATANG LUPAR		JUMLAH Total			
	LUAS PASEL Planted Area	TANAM Planted Area	LUAS PASEL Planted Area	TANAM Planted Area	LUAS PASEL Planted Area	TANAM Planted Area	LUAS PASEL Planted Area	TANAM Planted Area	LUAS PASEL Planted Area	TANAM Planted Area	LUAS PASEL Planted Area	TANAM Planted Area	LUAS PASEL Planted Area	TANAM Planted Area	LUAS PASEL Planted Area	TANAM Planted Area	LUAS PASEL Planted Area	TANAM Planted Area	LUAS PASEL Planted Area	TANAM Planted Area	LUAS PASEL Planted Area	TANAM Planted Area	LUAS PASEL Planted Area	TANAM Planted Area	LUAS PASEL Planted Area	TANAM Planted Area	(26)	(27)
2011	96,558	96,526	29,450	27,577	26,719	26,594	19,021	18,731	10,305	10,305	8,529	8,233	4,923	4,923	5,047	1,870	-	-	-	-	-	-	-	-	-	-	200,552	194,759
2012	96,558	95,893	29,450	18,405	26,719	26,594	19,021	18,934	10,305	10,305	8,529	8,233	4,923	4,876	5,047	1,155	-	-	-	-	-	-	-	-	-	-	200,552	184,395
2013	96,558	95,366	29,450	12,362	21,108	20,972	19,021	18,934	10,305	10,305	14,140	13,843	4,876	4,876	5,047	748	-	-	-	-	-	-	-	-	-	-	200,505	177,406
2014	96,558	95,348	29,450	25,139	21,108	20,972	19,021	18,917	12,782	12,782	14,140	13,791	4,876	4,876	5,047	1,749	4,940	1,707	2,920	2,575	-	-	-	-	-	-	210,842	197,856
2015	96,558	96,504	29,450	26,343	21,108	20,972	19,057	19,057	12,782	12,782	14,140	13,866	4,876	4,876	5,053	2,633	5,322	2,202	2,920	2,635	-	-	-	-	-	-	211,266	201,870
2016	100,685	100,603	28,072	26,851	21,108	20,949	19,057	19,057	12,782	12,782	14,155	13,869	4,876	4,876	5,053	2,717	5,322	1,929	2,920	2,534	-	-	-	-	-	-	214,030	206,167
2017	100,685	100,608	28,072	26,799	21,108	20,949	19,057	18,354	12,782	12,782	14,140	13,869	4,876	4,876	5,086	2,557	5,555	2,057	2,920	2,550	-	-	-	-	-	-	214,281	209,565
2018	100,685	100,665	28,072	26,510	21,108	20,949	19,057	18,514	12,782	12,782	14,155	13,869	4,876	4,876	5,086	2,335	5,555	1,583	2,920	2,525	-	-	-	-	-	-	214,296	208,166
2019	100,685	100,680	26,833	24,387	21,108	20,949	18,590	18,152	12,782	12,782	14,140	13,667	4,876	4,876	5,051	2,922	5,555	1,536	2,920	2,628	-	-	-	-	-	-	212,540	205,831
2020	100,685	100,677	26,833	26,248	21,219	19,242	18,784	17,889	12,105	12,105	14,140	13,148	4,876	4,876	5,051	3,725	5,555	1,089	2,920	2,678	-	-	-	-	-	-	212,168	205,880
2021	100,685	100,676	26,833	26,289	18,497	18,497	18,784	17,925	12,105	12,105	14,140	13,148	4,876	4,876	5,051	3,904	6,199	1,791	2,920	2,792	-	-	-	-	-	-	210,090	205,468

Catatan: a Penurunan keluasan paset padi disebabkan persempadanan semula kawasan padi.

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

b Persempadanan semula kawasan padi.

Changes in boundaries of paddy parcels.

c Semakan semula keluasan paset padi.

Revision of paddy parcel area.

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Appendix

PENGUNAAN VARIETI PADI MENGIKUT LUAR MUSIM, SEMENANJUNG MALAYSIA, 2017 - 2021
Usage of paddy varieties by Off Season, Peninsular Malaysia, 2017 - 2021

Luar Musim 2021 Off Season 2021			Luar Musim 2020 Off Season 2020			Luar Musim 2019 Off Season 2019			Luar Musim 2018 Off Season 2018			Luar Musim 2017 Off Season 2017		
Variety Variety	Bilangan Number	%	Variety Variety	Bilangan Number	%	Variety Variety	Bilangan Number	%	Variety Variety	Bilangan Number	%	Variety Variety	Bilangan Number	%
(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(4)	(5)	(6)
MR 219	422	#REF!	MR 219	327	14.5	MR 219	313	13.9	MR 219	141	6.3	MR 219	135	6.1
MR 220	25	1.1	MR 220	49	2.2	MR 220	67	3.0	MR 220	85	3.8	MR 220	151	6.8
MR 220 CL2	354	15.7	MR 220 CL2	525	23.3	MR 220 CL2	742	33.0	MR 220 CL2	1,010	45.5	MR 220 CL2	1,171	52.7
MR 263	67	3.0	MR 263	11	0.5	HYBRID	9	0.4	MR 263	90	4.1	MR 263	113	5.1
MR 269	242	10.8	MR 269	174	7.7	MR 263	29	1.3	MR 269	85	3.8	MR 269	74	3.3
MR 297	973	43.2	MR 12 H	1	0.0	MR 269	62	2.8	MRQ 76	3	0.1	MRQ 76	-	-
MR 315	8	0.4	MR 284	1	0.0	MR 284	2	0.1	MR 284	54	2.4	MARDI 284	208	9.4
MR 47	6	0.3	MR 297	859	38.2	MR 297	870	38.6	MR 297	732	33.0	MR 297	351	15.8
MR 12H	1	0.0	HYBRID	6	0.3	SEBERNAS 307	107	4.8	MR 220 CL1	6	0.3	MR 248	6	0.3
MRQ 76	1	0.0	NMR 151	2	0.1	UKMRC-2	20	0.9	MR 279	1	0.0	MR 279	3	0.1
NMR 152	27	1.2	NMR 152	1	0.0	UKMRC-8	16	0.7	SEMPADAN 303	12	0.5	MR 211	3	0.1
SEBERNAS 307	50	2.2	MRQ 76	3	0.1	SEMPADAN 303	14	0.6	MR 267	1	0.0	MR 287	3	0.1
SEMPADAN 303	37	1.6	SEMPADAN 303	167	7.4				SEBERNAS 307	1	0.0			
UKMRC-2	30	1.3	UKMRC-8	40	1.8									
UKMRC-8	1	0.0	SEBERNAS 307	56	2.5									
U-PUTRA 1	2	0.1	UKMRC-2	27	1.2									
U-PUTRA 2	5	0.2												
JUMLAH Total	2,251	100.0	JUMLAH Total	2,249	100.0	JUMLAH Total	2,251	100.0	JUMLAH Total	2,221	100.0	JUMLAH Total	2,218	100.0

LAMPIRAN 51
Appendix

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

Negeri State	Luar Musim 2021 Off Season 2021				Luar Musim 2020 Off Season 2020				Luar Musim 2019 Off Season 2019				Luar Musim 2018 Off Season 2018			
	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% MC	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% MC	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% MC	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% MC	Hampa Unfilled grain %
(1)	(2)	(3)	(4)	(5)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(6)	(7)	(8)	(9)
JOHOR	18	0.907	0.881	3.5	13	0.902	0.860	3.9	18	0.900	0.800	5.3	18	0.899	0.850	4.3
KEDAH	225	0.893	0.806	11.5	189	0.882	0.791	11.0	218	0.900	0.700	17.1	227	0.897	0.842	7.5
KELANTAN	249	0.866	0.797	9.7	242	0.837	0.760	10.0	250	0.800	0.800	9.3	250	0.867	0.722	16.2
MELAKA	26	0.835	0.766	8.8	25	0.839	0.658	22.8	25	0.800	0.600	24.9	25	0.865	0.742	14.8
N. SEMBILAN	14	0.820	0.828	0.0	20	0.841	0.789	6.4	20	0.800	0.700	10.6	20	0.852	0.792	6.7
PAHANG	82	0.926	0.845	9.4	82	0.908	0.832	8.5	82	0.900	0.700	18.9	63	0.909	0.625	29.6
PERAK	186	0.843	0.678	18.6	105	0.797	0.661	15.7	184	0.800	0.600	17.7	184	0.821	0.695	14.8
PERLIS	100	0.964	0.874	10.9	88	0.885	0.732	17.9	90	0.900	0.800	12.1	78	0.855	0.818	6.8
P. PINANG	67	0.862	0.800	8.3	152	0.814	0.755	8.3	72	0.800	0.700	7.4	74	0.844	0.818	5.0
SELANGOR	108	0.841	0.746	11.1	108	0.818	0.753	9.9	110	0.800	0.800	6.8	110	0.814	0.788	6.3
TERENGGANU	98	0.866	0.719	17.2	94	0.835	0.704	14.6	94	0.800	0.700	13.6	84	0.852	0.750	12.0
SEM. MALAYSIA Pen. Malaysia	1,173	0.877	0.780	12.0	1,118	0.846	0.752	11.6	1,163	0.800	0.700	12.7	1,133	0.862	0.771	11.2
SABAH	49	0.919	0.808	12.5	41	0.897	0.784	12.5	52	0.899	0.822	8.9	52	0.924	0.842	9.3
SARAWAK	46	0.984	0.891	9.9	6	0.978	0.953	3.0	-	-	-	-	-	-	-	-
MALAYSIA	1,268	0.882	0.785	11.9	1,165	0.848	0.755	11.5	-	-	-	-	-	-	-	-

Catatan:
Notes:
KWB Kelembapan Wap Basah
MC Moisture Content

* Menggunakan faktor-faktor kering dan bersih Semenanjung Malaysia.
Factors for dried and cleaned paddy of Peninsular Malaysia were used.

LAMPIRAN 52
Appendix

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

JELAPANG PADI Granary Area	Luar Musim 2021 Off Season 2021				Luar Musim 2020 Off Season 2020				Luar Musim 2019 Off Season 2019				Luar Musim 2018 Off Season 2018			
	(1)	(2)	(3)	(4)	(5)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(6)	(7)	(8)
	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% MC	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% MC	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% MC	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% MC	Hampa Unfilled grain %
MADA	159	0.896	0.812	10.7	107	0.910	0.820	10.9	160	0.900	0.900	3.6	160	0.900	0.870	4.7
KADA	118	0.850	0.793	9.0	118	0.840	0.780	8.8	118	0.900	0.800	8.9	112	0.860	0.700	17.5
IADA KERIAN	78	0.852	0.755	11.6	78	0.740	0.650	11.6	78	0.800	0.700	11.7	78	0.850	0.800	7.2
IADA BLS	108	0.841	0.746	11.1	108	0.820	0.750	9.9	110	0.800	0.800	6.8	110	0.810	0.790	6.3
IADA P. PINANG	67	0.862	0.800	8.3	74	0.810	0.760	8.3	72	0.800	0.700	7.4	72	0.840	0.820	5.0
IADA SEB PERAK	70	0.833	0.615	23.8	70	0.840	0.700	16.6	70	0.800	0.600	22.0	70	0.820	0.650	18.5
IADA KETARA	43	0.875	0.741	16.1	43	0.850	0.740	12.6	43	0.800	0.700	15.3	43	0.850	0.760	10.8
IADA KEM SEMERAK	34	0.839	0.789	7.4	34	0.850	0.840	4.7	34	0.800	0.800	6.8	34	0.880	0.800	9.0
IADA PEKAN	29	0.915	0.809	11.8	29	0.900	0.830	7.2	29	0.930	0.720	20.8	26	0.880	0.650	24.2
IADA ROMPIN	27	0.935	0.881	6.3	27	0.940	0.880	6.6	27	0.920	0.770	15.9	21	0.940	0.560	39.7
IADA KOTA BELUD	13	0.948	0.794	16.1	12	0.920	0.830	9.7	12	0.920	0.830	9.7	52	0.950	0.840	11.4
IADA BATANG LUPAR	2	0.949	0.863	8.6	-	-	-	-	-	-	-	-	-	-	-	-
KESELURUHAN Overall	748	0.867	0.771	11.8	700	0.840	0.760	10.2	753	0.800	0.800	9.8	778	0.860	0.770	10.8

Catatan:
Notes:

KWB Kelembapan Wap Basah
MC Moisture Content

LAMPIRAN 53
Appendix

INSIDEN PENYAKIT DAN PEROSAK, BENCANA, RUMPAI SERTA PADI REBAH DI LOKASI PERSAMPELAN
MENGIKUT NEGERI, MALAYSIA, LUAR MUSIM 2021

Location of Sample Incidents of Pest and Diseases, Disaster, Weeds and Lodge by state, Malaysia, Off Season 2021

NEGERI State	BILANGAN SAMPel DIANALISIS Number of samples analysed	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.	%								
		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)		
JOHOR	27	12	44.4	-	-	-	-	-	-	-	-	-	12	44.4	-	-	3	11.1			
KEDAH	709	626	88.3	82	11.6	222	31.3	-	3	0.4	7	1.0	402	56.7	262	37.0	1	0.1			
KELANTAN	469	277	59.1	203	43.3	140	29.9	4	0.9	78	16.6	13	2.8	313	66.7	22	4.7	5	1.1		
MELAKA	39	12	30.8	14	35.9	3	7.7	-	15	38.5	4	10.3	12	30.8	-	-	-	-	-		
N.SEMBILAN	30	8	26.7	7	23.3	6	20.0	-	-	-	-	-	3	10.0	-	-	-	-	-		
PAHANG	128	112	87.5	112	87.5	110	85.9	-	-	-	4	3.1	115	89.8	12	9.4	-	-	-		
PERAK	310	259	83.5	100	32.3	148	47.7	-	2	0.6	-	-	223	71.9	-	-	42	13.5			
PERLIS	194	133	68.6	59	30.4	111	57.2	-	-	-	-	-	68	35.1	73	37.6	-	-	-		
P. PINANG	92	74	80.4	53	57.6	34	37.0	-	15	16.3	1	1.1	46	50.0	13	14.1	5	5.4			
SELANGOR	108	86	79.6	6	5.6	35	32.4	-	-	-	-	-	36	33.3	15	13.9	17	15.7			
TERENGGANU	145	67	46.2	58	40.0	3	2.1	-	-	-	-	-	58	40.0	-	-	-	-	-		
SEM. MALAYSIA Pen. Malaysia	2,251	1,666	74.0	694	30.8	812	36.1	4	0.2	113	5.0	29	1.3	1,288	57.2	397	17.6	73	3.2		
SABAH	91	49	53.8	64	70.3	5	5.5	-	-	-	-	3	3.3	60	65.9	-	-	-	-		
SARAWAK	46	40	87.0	28	60.9	31	67.4	-	-	14	30.4	1	2.2	5	10.9	1	2.2	-	-		
MALAYSIA	2,388	1,755	73.5	786	32.9	848	35.5	4	0.2	127	5.3	33	1.4	1,353	56.7	398	16.7	73	3.1		

LAMPIRAN 54
Appendix

INSIDEN PENYAKIT DAN PEROSAK, BENCANA, RUMPAI SERTA PADI REBAH DI LOKASI PERSAMPULAN
MENGIKUT KAWASAN JELAPANG PADI, MALAYSIA, LUAR MUSIM 2021
Location of Sample Incidents of Pest and Diseases, Disaster, Weeds and Lodge by Granary Area, Malaysia, Off Season 2021

JELAPANG PADI Granary area	BILANGAN SAMPEL DIANALISIS Number of samples analysed	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)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	
MADA	675	608	90.1	86	12.7	217	32.1	-	-	-	-	5	0.7	351	52.0	341	50.5	1	0.1
KADA	271	142	52.4	140	51.7	83	30.6	1	0.4	12	4.4	1	0.4	127	46.9	9	3.3	5	1.8
IADA KERIAN	156	131	84.0	39	25.0	50	32.1	-	-	2	1.3	-	-	92	59.0	-	-	42	26.9
IADA BLS	108	86	79.6	6	5.6	35	32.4	-	-	-	-	-	-	36	33.3	15	13.9	17	15.7
IADA P. PINANG	92	74	80.4	53	57.6	34	37.0	-	-	15	16.3	1	1.1	46	50.0	13	14.1	5	5.4
IADA SEB PERAK	97	97	100.0	49	50.5	71	73.2	-	-	-	-	-	-	89	91.8	-	-	-	-
IADA KETARA	61	15	24.6	15	24.6	-	-	-	-	-	-	-	-	15	24.6	-	-	-	-
IADA KEM SEMERAK	51	41	80.4	6	11.8	12	23.5	-	-	3	5.9	-	-	45	88.2	-	-	-	-
IADA PEKAN	54	54	100.0	54	100.0	54	100.0	-	-	-	-	-	-	52	96.3	2	3.7	-	-
IADA ROMPIN	35	35	100.0	35	100.0	33	94.3	-	-	-	-	1	2.9	34	97.1	1	2.9	-	-
IADA KOTA BELUD	25	15	60.0	14	56.0	3	12.0	1	4.0	-	-	3	12.0	23	92.0	5	20.0	-	-
IADA BATANG LUPAR	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JUMLAH Total	1,627	1,298	79.8	497	30.5	592	36.4	2	0.1	32	2.0	11	0.7	910	55.9	386	23.7	70	4.3