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WARTA KERAJAAN PERSEKUTUAN

*FEDERAL GOVERNMENT
GAZETTE*

PEMBERITAHUAN PERMOHONAN PENDAFTARAN
VARIETI BARU TUMBUHAN DAN PEMBERIAN HAK
PEMBAIAK BAKA

*NOTIFICATION OF APPLICATION FOR REGISTRATION
OF NEW PLANT VARIETY AND GRANT
OF BREEDER'S RIGHT*



DISIARKAN OLEH/
PUBLISHED BY
JABATAN PEGUAM NEGARA/
ATTORNEY GENERAL'S CHAMBERS

AKTA PERLINDUNGAN VARIETI BARU TUMBUHAN 2004

PEMBERITAHUAN PERMOHONAN PENDAFTARAN VARIETI BARU TUMBUHAN
DAN PEMBERIAN HAK PEMBIAK BAKA

PADA menjalankan kuasa yang diberikan oleh seksyen 22 Akta Perlindungan Varieti Baru Tumbuhan 2004 [*Akta 634*], Lembaga memberitahu bahawa suatu permohonan bagi pendaftaran varieti baru tumbuhan dan pemberian hak pembiak baka telah dibuat seperti yang dinyatakan dalam Jadual.

PROTECTION OF NEW PLANT VARIETIES ACT 2004

NOTIFICATION OF APPLICATION FOR REGISTRATION OF NEW PLANT VARIETY
AND GRANT OF BREEDER'S RIGHT

IN exercise of the powers conferred by section 22 of the Protection of New Plant Varieties Act 2004 [*Act 634*], the Board notifies that an application for the registration of new plant variety and grant of breeder's right has been made as specified in the Schedule.

JADUAL/SCHEDULE

Nama pemohon/*Name of applicant*: Institut Penyelidikan dan Kemajuan Pertanian Malaysia

Nama pengenalan varieti/*Variety denomination*: MR276

No. rujukan fail pemohon/*Applicant file reference no.*: PVBT 007/12

Tanaman/*Crops*: Padi/*Paddy*

Ciri-ciri varieti: Tertakluk kepada keadaan cuaca dan persekitaran, ciri-ciri yang didapati semasa pemeriksaan dijalankan ke atas varieti tersebut adalah seperti yang berikut:

Characteristics of the variety: Subject to the weather and environmental conditions, the characteristics obtained during the examination on the variety are as follows:

Bil./ No.	Ciri-Ciri Varieti/ <i>Characteristics of Variety</i>	Ciri-Ciri MR276/ <i>Characteristics of MR276</i>
1.	Daun pangkal: warna upih/ <i>Basal leaf: sheath colour</i>	Hijau/ <i>Green</i>
2.	Daun: keamatan warna hijau/ <i>Leaf: intensity of green colour</i>	Sederhana/ <i>Medium</i>
3.	Daun: pewarnaan antosianin/ <i>Leaf: anthocyanin colouration</i>	Tiada/ <i>Absent</i>
4.	Daun upih: pewarnaan antosianin/ <i>Leaf sheath: anthocyanin colouration</i>	Tiada/ <i>Absent</i>
5.	Daun: pubesen permukaan/ <i>Leaf: pubescence of surface</i>	Sederhana/ <i>Medium</i>
6.	Daun: pewarnaan antosianin aurikel/ <i>Leaf: anthocyanin colouration of the auricles</i>	Tiada/ <i>Absent</i>

Bil./ No.	Ciri-Ciri Varieti/ <i>Characteristics of Variety</i>	Ciri-Ciri MR276/ <i>Characteristics of MR276</i>
7.	Daun: pewarnaan antosianin kolar/ <i>Leaf: anthocyanin colouration of the collar</i>	Tiada/ <i>Absent</i>
8.	Daun: bentuk ligul/ <i>Leaf: shape of the ligule</i>	Lekuk/ <i>Cleft</i>
9.	Daun: warna ligul/ <i>Leaf: colour of the ligule</i>	Tanpa warna/ <i>Colourless</i>
10.	Daun: panjang ligul/ <i>Leaf: length of the ligule</i>	Sederhana (20.82 mm)/ <i>Medium (20.82 mm)</i>
11.	Lai daun: panjang/ <i>Leaf blade: length</i>	Panjang (61.0 sm)/ <i>Long (61.0 cm)</i>
12.	Lai daun: lebar/ <i>Leaf blade: width</i>	Lebar (19.83 mm)/ <i>Broad (19.83 mm)</i>
13.	Daun pengasuh: sifat lai (pemerhatian awal)/ <i>Flag leaf: attitude of the blade (early observation)</i>	Tegak/ <i>Erect</i>
14.	Daun pengasuh: sifat lai (pemerhatian lewat)/ <i>Flag leaf: attitude of the blade (late observation)</i>	Tegak/ <i>Erect</i>
15.	Kulma: tabiat/ <i>Culm: habit</i>	Tegak/ <i>Erect</i>
16.	Masa berbunga (50% tumbuhan mempunyai bunga)/ <i>Time of heading (50% of plants with heads)</i>	Awal ke pertengahan (63 hari)/ <i>Early to intermediate (63 days)</i>
17.	Lema: pewarnaan antosianin lunas (pemerhatian awal)/ <i>Lemma: anthocyanin colouration of the keel (early observation)</i>	Tiada atau amat lemah/ <i>Absent or very weak</i>
18.	Lema: pewarnaan antosianin kawasan di bawah apeks (pemerhatian awal)/ <i>Lemma: anthocyanin colouration of area below the apex (early observation)</i>	Tiada atau amat lemah/ <i>Absent or very weak</i>
19.	Lema: pewarnaan antosianin apeks (pemerhatian awal)/ <i>Lemma: anthocyanin colouration of the apex (early observation)</i>	Tiada atau amat lemah/ <i>Absent or very weak</i>
20.	Spikelet: warna stigma/ <i>Spikelet: colour of the stigma</i>	Putih/ <i>White</i>

Bil./ No.	Ciri-Ciri Varieti/ <i>Characteristics of Variety</i>	Ciri-Ciri MR276/ <i>Characteristics of MR276</i>
21.	Batang: ketebalan/ <i>Stem: thickness</i>	Tebal (6.56 mm)/ <i>Thick (6.56 mm)</i>
22.	Varieti tidak melata sahaja: Batang: panjang (tidak termasuk bulir)/ <i>Non-prostate varieties only: Stem: length (excluding panicle)</i>	Sederhana (58.8 sm)/ <i>Medium (58.8 cm)</i>
23.	Batang: pewarnaan antosianin buku/ <i>Stem: anthocyanin colouration of the nodes</i>	Tiada/ <i>Absent</i>
24.	Batang: pewarnaan antosianin ruas/ <i>Stem: anthocyanin colouration of the internodes</i>	Tiada/ <i>Absent</i>
25.	Bulir: panjang paksi utama/ <i>Panicle: length of the main axis</i>	Sederhana ke panjang (27.0 sm)/ <i>Medium to long (27.0 cm)</i>
26.	Bulir: bilangan bagi setiap rumpun/ <i>Panicle: number per hill</i>	Sedikit ke sederhana (11 bulir)/ <i>Few to medium (11 panicles)</i>
27.	Bulir: jejanggut/ <i>Panicle: awns</i>	Ada/ <i>Present</i>
28.	Bulir: warna jejanggut (pemerhatian awal)/ <i>Panicle: colour of the awns (early observation)</i>	Emas muda/ <i>Light Gold</i>
29.	Bulir: taburan jejanggut/ <i>Panicle: distribution of the awns</i>	Panjang keseluruhan/ <i>Whole length</i>
30.	Spikelet: pubesen lema/ <i>Spikelet: pubescence of the lemma</i>	Sederhana/ <i>Medium</i>
31.	Spikelet: warna hujung lema/ <i>Spikelet: colour of tip of the lemma</i>	Kuning/ <i>Yellow</i>
32.	Bulir: sifat berhubung dengan batang/ <i>Panicle: attitude in relation to the stem</i>	Separa tegak/ <i>Semi-upright</i>
33.	Bulir: kehadiran dahan sekunder/ <i>Panicle: presence of secondary branch</i>	Ada/ <i>Present</i>
34.	Bulir: jenis dahan sekunder/ <i>Panicle: type of secondary branch</i>	Jenis 2/ <i>Type 2</i>

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35.	Bulir: sifat dahan/ <i>Panicle: attitude of the branch</i>	Separa tegak/ <i>Semi-erect</i>
36.	Bulir: tolakan/ <i>Panicle: exertion</i>	Hampir tertolak ke tertolak sederhana (60.41 mm)/ <i>Just exerted to moderately well exerted (60.41 mm)</i>
37.	Masa kematangan/ <i>Time of maturity</i>	Awal (85 hari)/ <i>Early (85 days)</i>
38.	Daun: masa senesen/ <i>Leaf: time of senescence</i>	Lewat/ <i>Late</i>
39.	Lema: warna/ <i>Lemma: colour</i>	Emas muda/ <i>Light gold</i>
40.	Lema: hiasan/ <i>Lemma: ornamentation</i>	Tiada/ <i>Absent</i>
41.	Lema: pewarnaan antosianin lunas (pemerhatian lewat)/ <i>Lemma: anthocyanin colouration of the keel (late observation)</i>	Tiada atau amat lemah/ <i>Absent or very weak</i>
42.	Lema: pewarnaan antosianin kawasan di bawah apeks (pemerhatian lewat)/ <i>Lemma: anthocyanin colouration of area below the apex (late observation)</i>	Tiada atau amat lemah/ <i>Absent or very weak</i>
43.	Lema: pewarnaan antosianin apeks (pemerhatian lewat)/ <i>Lemma: anthocyanin colouration of the apex (late observation)</i>	Tiada atau amat lemah/ <i>Absent or very weak</i>
44.	Glum: warna/ <i>Glume: colour</i>	Jerami/ <i>Straw</i>
45.	Biji: berat 1000 biji terbentuk sepenuhnya/ <i>Grain: weight of 1000 fully developed grains</i>	Sederhana ke tinggi (29.80 g)/ <i>Medium to high (29.80 g)</i>
46.	Biji: panjang/ <i>Grain: length</i>	Panjang ke sangat panjang (10.50 mm)/ <i>Long to very long (10.50 mm)</i>
47.	Biji: lebar/ <i>Grain: width</i>	Sempit ke sederhana (2.40 mm)/ <i>Narrow to medium (2.40 mm)</i>

Bil./ No.	Ciri-Ciri Varieti/ <i>Characteristics of Variety</i>	Ciri-Ciri MR276/ <i>Characteristics of MR276</i>
48.	Biji ternyah korteks: panjang/ <i>Decorticated grain: length</i>	Panjang ke sangat panjang (7.9 mm)/ <i>Long to very long (7.9 mm)</i>
49.	Biji ternyah korteks: lebar/ <i>Decorticated grain: width</i>	Sempit ke sederhana (2.1 mm)/ <i>Narrow to medium (2.1 mm)</i>
50.	Biji ternyah korteks: bentuk (dari pandangan lateral)/ <i>Decorticated grain: shape (in lateral view)</i>	Bentuk gelendong panjang/ <i>Long spindle-shaped</i>
51.	Biji ternyah korteks: warna/ <i>Decorticated grain: colour</i>	Putih/ <i>White</i>
52.	Endosperma: jenis/ <i>Endosperm: type</i>	Tidak berglutin/ <i>Non-glutinous</i>
53.	Endosperma: kandungan amilosa/ <i>Endosperm: content of amylose</i>	Keadaan 4 (20.9 %)/ <i>State 4 (20.9 %)</i>
54.	Pencernaan alkali/ <i>Alkali digestion</i>	Perantaraan ke tercerna sepenuhnya/ <i>Intermediate to completely digested</i>
55.	Biji ternyah korteks: aroma/ <i>Decorticated grain: aroma</i>	Tiada atau amat lemah/ <i>Absent or very weak</i>

Bertarikh 10 Julai 2015

Dated 10 July 2015

[KP/LA/483 18]ld. 6; PN(PU2)667/IX]

DATO' AHMAD ZAKARIA BIN MOHAMAD SIDEK
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