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WARTA KERAJAAN PERSEKUTUAN

FEDERAL GOVERNMENT GAZETTE

PEMBERITAHUAN PERMOHONAN PENDAFTARAN
VARIETI BARU TUMBUHAN DAN PEMBERIAN HAK
PEMBIAK BAKA (MUTIARA MERAH)

*NOTIFICATION OF APPLICATION FOR
REGISTRATION OF NEW PLANT VARIETY AND
GRANT OF BREEDER'S RIGHT (MUTIARA MERAH)*

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 (MUTIARA MERAH)

PADA menjalankan kuasa yang diberikan oleh seksyen 22 Akta Perlindungan Varieti Baru Tumbuhan 2004 [*Akta 634*], Lembaga memberitahu bahawa suatu permohonan telah dibuat bagi pendaftaran varieti baru tumbuhan dan pemberian hak pembiak baka sebagaimana 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 (MUTIARA MERAH)

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 has been made for the registration of new plant variety and grant of breeder's right as specified in the Schedule.

JADUAL/SCHEDULE

Nama pemohon/*Name of applicant*: Institut Penyelidikan dan Kemajuan Pertanian Malaysia (MARDI)/ *Malaysian Agricultural Research and Development Institute (MARDI)*

Nama pengenalan varieti/*Variety denomination*: Mutiara Merah

No. rujukan fail pemohon/*Applicant file reference no.*: PVBT 001/18

Tanaman/*Crop*: Rambutan/ *Rambutan*

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 Rambutan 'Mutiara Merah'/ <i>Characteristics of 'Mutiara Merah' Rambutan</i>
1.	Pokok: sifat dahan utama/ <i>Tree: attitude of main branch</i>	Separa tegak/ <i>Semi-erect</i>
2.	Pucuk muda: warna antosianin/ <i>Young shoot: anthocynin coloration</i>	Tiada atau sangat lemah/ <i>Absent or very weak</i>
3.	Anak daun: bentuk/ <i>Leaflet: shape</i>	Eliptik/ <i>Elliptic</i>
4.	Anak daun: panjang/ <i>Leaflet: length</i>	Purata 16.3 cm/ <i>Mean 16.3 cm</i>
5.	Anak daun: lebar/ <i>Leaflet: width</i>	Purata 6.70 cm/ <i>Mean 6.70 cm</i>

Bil./ No.	Ciri-Ciri Varieti/ <i>Characteristics of Variety</i>	Ciri-Ciri Rambutan 'Mutiara Merah'/ <i>Characteristics of 'Mutiara Merah' Rambutan</i>
6.	Anak daun: nisbah panjang kepada lebar/ <i>Leaflet: ratio length to width</i>	Purata 2.44 / <i>Mean 2.44</i>
7.	Anak daun: alunan tepi daun/ <i>Leaflet: undulation of leaf margin</i>	Sangat lemah/ <i>Very weak</i>
8.	Anak daun: bentuk permukaan atas <i>Leaflet: relief of upper surface</i>	Licin/ <i>Smooth</i>
9.	Anak daun: bentuk bahagian pangkal <i>Leaflet: shape of base</i>	Obtus/ <i>Obtuse</i>
10.	Infloresen: panjang/ <i>Inflorescence: length</i>	Purata 23.8 cm/ <i>Mean 23.8 cm</i>
11.	Buah: bentuk pandangan memanjang/ <i>Fruit: shape in lateral view</i>	Oblong/ <i>Oblong</i>
12.	Buah: warna kulit tidak termasuk rambut/ <i>Fruit: colour of skin excluding spinterns</i>	Merah/ <i>Red</i>
13.	Buah: kehadiran lurah tepi/ <i>Fruit: presence of perimeter groove</i>	Ada/ <i>Present</i>
14.	Buah: panjang rambut/ <i>Fruit: length of spinterns</i>	Purata 14.5 mm/ <i>Mean 14.5 mm</i>
15.	Buah: saiz pangkal rambut/ <i>Fruit: size of the base of spinterns</i>	Sederhana/ <i>Medium</i>
16.	Buah: warna pada pangkal rambut/ <i>Fruit: colour at base of spinterns</i>	Merah/ <i>Red</i>
17.	Buah: warna bahagian tengah rambut/ <i>Fruit: colour at middle section of spinterns</i>	Hijau/ <i>Green</i>

Bil./ No.	Ciri-Ciri Varieti/ <i>Characteristics of Variety</i>	Ciri-Ciri Rambutan 'Mutiara Merah'/ <i>Characteristics of 'Mutiara Merah' Rambutan</i>
18.	Buah: tebal kulit/ <i>Fruit: skin thickness</i>	Purata 3.49 mm/ <i>Mean 3.49 mm</i>
19.	Buah: warna pada bahagian dalam kulit/ <i>Fruit: colour at inner side of skin</i>	Putih/ <i>White</i>
20.	Buah: warna isi/i <i>Fruit: pulp colour</i>	Krim/ <i>Cream</i>
21.	Buah: permukaan isi/ <i>Fruit: surface of pulp</i>	Menggerutu/ <i>Grainy</i>
22.	Buah: ketebalan isi/ <i>Fruit: pulp thickness</i>	Purata 8.21 mm/ <i>Mean 8.21 mm</i>
23.	Buah: kemanisan isi/ <i>Fruit: pulp sweetness</i>	Purata 18.83 %/ <i>Mean 18.83 %</i>
24.	Buah: tekstur isi/ <i>Fruit: pulp texture</i>	Ranggup/ <i>Crunchy</i>
25.	Buah: jus isi pada peringkat terlebih masak/ <i>Fruit: pulp juiciness at over ripe stage</i>	Rendah/ <i>Low</i>
26.	Buah: kesenangan isi tanggal dari biji/ <i>Fruit: ease of separation of pulp from the seed</i>	Tinggi/ <i>High</i>
27.	Buah: kemelekatan testa ke isi <i>Fruit: adherence of testa to the pulp</i>	Senang/ <i>Easy</i>
28.	Biji: bentuk <i>Seed: shape</i>	Obovat/ <i>Obovate</i>
29.	Biji: bentuk pangkal/ <i>Seed: shape of base</i>	Akut/ <i>Acute</i>

Bil./ No.	Ciri-Ciri Varieti/ <i>Characteristics of Variety</i>	Ciri-Ciri Rambutan 'Mutiara Merah'/ <i>Characteristics of 'Mutiara Merah' Rambutan</i>
30.	Biji: panjang/ <i>Seed: length</i>	Purata 25.61 mm/ <i>Mean 25.61 mm</i>
31.	Biji: lebar/ <i>Seed: width</i>	Purata 14.85 mm/ <i>Mean 14.85 mm</i>
32.	Biji: tebal/ <i>Seed: thickness</i>	Purata 9.56 mm/ <i>Mean 9.56 mm</i>
33.	Musim berbuah utama/ <i>Main fruiting season</i>	Awal/ <i>Early</i>

Bertarikh 21 Mac 2022

Dated 21 March 2022

[KP/LA/483/18/1; PN(PU2)667/Jld. 19]

DATO' ZAHIMI BIN HASSAN
*Pengerusi Lembaga Varieti Tumbuhan/
 Chairman of the Plant Varieties Board*