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WARTA KERAJAAN PERSEKUTUAN

*FEDERAL GOVERNMENT
GAZETTE*

PEMBERITAHUAN PERMOHONAN PENDAFTARAN
VARIETI BARU TUMBUHAN DAN PEMBERIAN HAK
PEMBIAK 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 dengan ini 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 hereby 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*: T. Devandran a/l K. Tharumalingam

Nama pengenalan varieti/*Variety denomination*: Merdeka

No. rujukan fail pemohon/*Applicant file reference no.*: PVBT 011/10

Tanaman/*Crops*: Limau/*Lime*

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 'Merdeka'/ <i>Characteristics of 'Merdeka'</i>
1.	Pokok: tabiat pertumbuhan/ <i>Tree: growth habit</i>	Menegak/ <i>Upright</i>
2.	Pokok: kepadatan duri/ <i>Tree: density of thorns</i>	Perantaraan/ <i>Intermediate</i>
3.	Daun muda: kehadiran pewarnaan antosianin/ <i>Young leaf: presence of anthocyanin coloration</i>	Ada/ <i>Present</i>
4.	Daun muda: kepadatan pewarnaan antosianin/ <i>Young leaf: intensity of anthocyanin coloration</i>	Sangat kuat/ <i>Very strong</i>
5.	Lai daun: panjang (anak daun apikal bagi daun kompaun)/ <i>Leaf blade: length (apical leaflet for compound leaf)</i>	Sangat panjang (119.7 mm) std. dev. = 3.04/ <i>Very long (119.7 mm) std. dev. = 3.04</i>
6.	Lai daun: lebar (anak daun apikal bagi daun kompaun)/ <i>Leaf blade: width (apical leaflet for compound leaf)</i>	Lebar (66.86 mm) std. dev. = 2.95/ <i>Broad (66.86 mm) std. dev. = 2.95</i>

Bil./ No.	Ciri-ciri varieti/ <i>Characteristics of variety</i>	Ciri-ciri 'Merdeka'/ <i>Characteristics of 'Merdeka'</i>
7.	Lai daun: nisbah panjang/lebar (anak daun apikal bagi daun kompaun)/ <i>Leaf blade: length ratio/width (apical leaflet for compound leaf)</i>	Sederhana (1.8:1)/ <i>Medium (1.8:1)</i>
8.	Lai daun: bentuk keratan rentas (anak daun apikal bagi daun kompaun)/ <i>Leaf blade: shape of cross section (apical leaflet for compound leaf)</i>	Lurus atau cekung yang lemah/ <i>Straight or weak concave</i>
9.	Lai daun: pintalan/ <i>Leaf blade: twist</i>	Tiada/ <i>Absent</i>
10.	Lai daun: warna hijau/ <i>Leaf blade: green colour</i>	Gelap/ <i>Dark</i>
11.	Lai daun: alunan margin/ <i>Leaf blade: undulation of the margin</i>	Perantaraan/ <i>Intermediate</i>
12.	Lai daun: bentuk potongan margin/ <i>Leaf blade: incisions of the margin</i>	Krenat/ <i>Crenate</i>
13.	Lai daun: bentuk apeks/ <i>Leaf blade: shape of the apex</i>	Obtus/ <i>Obtuse</i>
14.	Lai daun: lekukan pada hujung / <i>Leaf blade: depression at the tip</i>	Ada/ <i>Present</i>
15.	Petiol: panjang/ <i>Petiole: length</i>	Pendek (24.36 mm) std. dev. = 3.07/ <i>Short (24.36 mm) std. dev. = 3.07</i>
16.	Petiol: kehadiran sayap/ <i>Petiole: presence of the wing</i>	Ada/ <i>Present</i>
17.	Varieti dengan kehadiran petiol bersayap sahaja: Petiol: kelebaran sayap/ <i>Varieties with petiole wing presence only: Petiole: width of the wing</i>	Sempit (15.05 mm) std. dev. = 4.01/ <i>Narrow (15.05 mm) std. dev. = 4.01</i>
18.	Kudup bunga: kehadiran pewarnaan antosianin/ <i>Flower bud: presence of anthocyanin coloration</i>	Ada/ <i>Present</i>
19.	Kudup bunga: kepekatan pewarnaan antosianin/ <i>Flower bud: intensity of anthocyanin coloration</i>	Lemah/ <i>Weak</i>

Bil./ No.	Ciri-ciri varieti/ <i>Characteristics of variety</i>	Ciri-ciri 'Merdeka'/ <i>Characteristics of 'Merdeka'</i>
20.	Perbuahan: kluster buah/ <i>Infructescence: clustering of the fruits</i>	Ada/ <i>Present</i>
21.	Buah: panjang/ <i>Fruit: length</i>	Panjang (78.59 mm) std. dev. = 4.60/ <i>Long (78.59 mm) std. dev. = 4.60</i>
22.	Buah: diameter/ <i>Fruit: diameter</i>	Besar (60.81 mm) std. dev. = 4.2/ <i>Large (60.81 mm) std. dev. = 4.2</i>
23.	Buah: nisbah panjang/lebar/ <i>Fruit: ratio of the length/width</i>	Sederhana (1.29:1)/ <i>Medium (1.29:1)</i>
24.	Buah: kedudukan bahagian paling lebar/ <i>Fruit: position of the broadest part</i>	Di tengah/ <i>In the middle</i>
25.	Buah: bentuk umum bahagian proksimal (kecuali leher, kolar dan lekukan pada hujung pangkal)/ <i>Fruit: general shape of the proximal part (excluding the neck, collar and the depression at the stalk end)</i>	Tirus/ <i>Tapered</i>
26.	Buah: kehadiran leher/ <i>Fruit: presence of the neck</i>	Ada/ <i>Present</i>
27.	Hanya varieti tanpa leher buah: Buah: kehadiran lekukan pada hujung pangkal/ <i>Varieties without the fruit neck only: Fruit: presence of the depression at the stalk end</i>	Tidak berkenaan/ <i>Not applicable</i>
28.	Buah: bentuk umum pada bahagian distal/ <i>Fruit: general shape of the distal part</i>	Rata/ <i>Flattened</i>
29.	Buah: kehadiran puting/ <i>Fruit: presence of the nipple</i>	Ada/ <i>Present</i>
30.	Buah: kejelasan puting/ <i>Fruit: prominence of the nipple</i>	Kuat/ <i>Strong</i>
31.	Buah: keterusan bentuk/ <i>Fruit: persistence of style</i>	Tiada/ <i>None</i>

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32.	Buah: kehadiran alur jejarian pada hujung distal/ <i>Fruit: presence of radial grooves at the distal end</i>	Ada/ <i>Present</i>
33.	Buah: ekpresi alur jejarian pada hujung distal/ <i>Fruit: expression of radial grooves at the distal end</i>	Sederhana/ <i>Medium</i>
34.	Buah: variegasi warna/ <i>Fruit: colour variegation</i>	Tiada/ <i>Absent</i>
35.	Permukaan buah: warna pradominan/ <i>Fruit surface: predominant colour(s)</i>	Hijau/ <i>Green</i>
36.	Permukaan buah: kekilatan/ <i>Fruit surface: glossiness</i>	Sederhana/ <i>Medium</i>
37.	Permukaan buah: kekasaran/ <i>Fruit surface: roughness</i>	Kasar/ <i>Rough</i>
38.	Permukaan buah: saiz kelenjar minyak/ <i>Fruit surface: size of the oil glands</i>	Kesemuanya lebih kurang sama saiz/ <i>All are more or less the same size</i>
39.	Permukaan buah: kejelasan kelenjar minyak kasar/ <i>Fruit surface: sharpness of the larger oil glands</i>	Lemah/ <i>Weak</i>
40.	Permukaan buah: kehadiran liang dan keadaan berbatu pada kelenjar minyak kasar/ <i>Fruit surface: presence of pitting and pebbling on larger oil glands</i>	Liang dan keadaan berbatu hadir/ <i>Pitting and pebbling present</i>
41.	Kulit buah: ketebalan/ <i>Fruit rind: thickness</i>	Tebal (5.67 mm) std. dev. = 0.82/ <i>Thick (5.67 mm) std. dev. = 0.82</i>
42.	Kulit buah: kehadiran minyak/ <i>Fruit rind: oiliness</i>	Sederhana/ <i>Medium</i>
43.	Buah: warna utama isi/ <i>Fruit: main colour of the flesh</i>	Putih/ <i>White</i>

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44.	Buah: kepadatan teras/ <i>Fruit: density of the core</i>	Padat/ <i>Dense</i>
45.	Buah: diameter teras/ <i>Fruit: diameter of the core</i>	Besar (7.59 mm) std. dev. = 0.55/ <i>Large (7.59 mm) std. dev. = 0.55</i>
46.	Buah: kekuatan dinding segmen/ <i>Fruit: strength of the segment wall</i>	Kuat/ <i>Strong</i>
47.	Buah: panjang vesikel jus/ <i>Fruit: length of the juice vesicle</i>	Panjang (12.35 mm) std. dev. = 1.28/ <i>Long (12.35 mm) std. dev. = 1.28</i>
48.	Buah: kejelasan dinding vesikel jus/ <i>Fruit: sharpness of the juice vesicle wall</i>	Sederhana/ <i>Medium</i>
49.	Buah: keberjusan/ <i>Fruit: juiciness</i>	Tinggi/ <i>High</i>
50.	Jus buah: jumlah pejal larut/ <i>Fruit juice: total soluble solids</i>	Sederhana (8.14%) std. dev.= 1.10/ <i>Medium (8.14%) std. dev.= 1.10</i>
51.	Buah: kekuatan fiber/ <i>Fruit: strength of the fibre</i>	Kuat/ <i>Strong</i>

Bertarikh 10 Mac 2016

Dated 10 March 2016

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DATO' AHMAD ZAKARIA BIN MOHAMAD SIDEK
*Pengerusi Lembaga Varieti Tumbuhan/
Chairman of the Plant Varieties Board*