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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*: Institut Penyelidikan dan Kemajuan Pertanian Malaysia

Nama pengenalan varieti/*Variety denomination*: Semerah

No. rujukan fail pemohon/*Applicant file reference no.*: PVBT 042/09

Tanaman/*Crops*: Cilli/*Chili*

Ciri-ciri varieti: Tertakluk kepada keadaan cuaca dan persekitaran, ciri-ciri yang didapati semasa pemeriksaan dijalankan ke atas varieti tersebut adalah seperti 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 Semerah/ <i>Characteristics of Semerah</i> |
|--------------|--|---|
| 1. | Anak benih: pewarnaan antosianin pada hipokotil/ <i>Seedling: anthocyanin coloration of hypocotyl</i> | Tiada/ <i>Absent</i> |
| 2. | Pokok: jenis/ <i>Plant: type</i> | Rimbun/ <i>Bushy</i> |
| 3. | Varieti jenis rimbun sahaja: Pokok: tabiat/ <i>Bushy varieties only: Plant: habit</i> | Menegak/ <i>Erect</i> |
| 4. | Pokok: lebar kanopi/ <i>Plant: canopy width</i> | Sederhana/ <i>Medium</i> |
| 5. | Pokok: tinggi/ <i>Plant: height</i> | Sederhana/ <i>Medium</i> |
| 6. | Batang: warna utama/ <i>Stem: main colour</i> | Hijau/ <i>Green</i> |

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| 7. | Batang: buku perantaraan memendek (pada bahagian atas)/ <i>Stem: shortened internode (in upper part)</i> | Tiada/ <i>Absent</i> |
| 8. | Batang: pewarnaan antosianin pada buku/ <i>Stem: anthocyanin colouration of nodes</i> | Ada/ <i>Present</i> |
| 9. | Batang: keamatan pewarnaan antosianin pada buku/ <i>Stem: intensity of anthocyanin colouration of the nodes</i> | Lemah/ <i>Weak</i> |
| 10. | Daun: panjang/ <i>Leaf: length</i> | Sederhana/ <i>Medium</i> |
| 11. | Daun: lebar/ <i>Leaf: width</i> | Sederhana/ <i>Medium</i> |
| 12. | Daun: keamatan warna hijau/ <i>Leaf: intensity of green colour</i> | Sederhana/ <i>Medium</i> |
| 13. | Daun: bentuk/ <i>Leaf: shape</i> | Lanseolat/ <i>lanceolate</i> |
| 14. | Daun: profil keratan rentas/ <i>Leaf: profile in cross section</i> | Lurus/ <i>Straight</i> |
| 15. | Daun: ketebalan/ <i>Leaf: thickness</i> | Sederhana/ <i>Medium</i> |
| 16. | Daun: keberkilatan permukaan/ <i>Leaf: glossiness of the surface</i> | Tiada/ <i>Absent</i> |
| 17. | Daun: kehadiran pubesens/ <i>Leaf: presence of pubescence</i> | Tiada/ <i>Absent</i> |
| 18. | Tangkai bunga: sifat/ <i>Peduncle: attitude</i> | Menegak/ <i>Erect</i> |
| 19. | Tangkai bunga: kehadiran antosianin/ <i>Peduncle: presence of anthocyanin</i> | Ada/ <i>Present</i> |
| 20. | Bunga: saiz/ <i>Flower: size</i> | Sederhana/ <i>Medium</i> |

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| 21. | Bunga: bilangan buku/ <i>Flower: number of node</i> | Satu/ <i>One</i> |
| 22. | Bunga: bilangan petal/ <i>Flower: number of petal</i> | Kebanyakannya lima petal/ <i>Predominantly five petals</i> |
| 23. | Bunga: bilangan warna pada korola/ <i>Flower: number of colours on corolla</i> | Satu/ <i>One</i> |
| 24. | Bunga: warna utama korola/ <i>Flower: main colour of the corolla</i> | Putih/ <i>White</i> |
| 25. | Bunga: pewarnaan antosianin di anter/ <i>Flower: anthocyanin colouration at the anther</i> | Ada/ <i>Present</i> |
| 26. | Bunga: kedudukan stigma/ <i>Flower: stigma exertion</i> | Atas/ <i>Above</i> |
| 27. | Buah muda: sifat tangkai buah/ <i>Immature fruit: attitude of fruit peduncle</i> | Menegak/ <i>Erect</i> |
| 28. | Buah muda: warna/ <i>Immature fruit: colour</i> | Hijau/ <i>Green</i> |
| 29. | Buah muda: keamatan warna/ <i>Immature fruit: intensity of colour</i> | Sederhana/ <i>Medium</i> |
| 30. | Buah matang: pewarnaan antosianin/ <i>Mature fruit: anthocyanin colouration</i> | Ada/ <i>Present</i> |
| 31. | Buah matang: panjang/ <i>Mature fruit: length</i> | Pendek (4.4 sm)/ <i>Short (4.4 cm)</i> |
| 32. | Buah matang: diameter/ <i>Mature fruit: diameter</i> | Kecil (0.8 sm)/ <i>Small (0.8 cm)</i> |

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| 33. | Buah matang: nisbah panjang/diameter/ <i>Mature fruit: ratio length/diameter</i> | Sederhana (1:5.5)/ <i>Medium (1:5.5)</i> |
| 34. | Buah matang: bentuk keratan memanjang/ <i>Mature fruit: shape in longitudinal section</i> | Lurus memanjang/ <i>Linear</i> |
| 35. | Buah matang: bentuk keratan rentas (pada paras plasenta)/ <i>Mature fruit: shape in cross section (at the placenta level)</i> | Bulat/ <i>Circular</i> |
| 36. | Buah matang: lekukan perikarp pada bahagian pangkal/ <i>Mature fruit: sinuation of pericarp at basal part</i> | Tiada atau sangat lemah/ <i>Absent or very weak</i> |
| 37. | Buah matang: lekukan perikarp selain dari bahagian pangkal/ <i>Mature fruit: sinuation of pericarp excluding basal part</i> | Tiada atau sangat lemah/ <i>Absent or very weak</i> |
| 38. | Buah matang: tekstur permukaan/ <i>Mature fruit: texture of the surface</i> | Licin atau sangat sedikit berkedut/ <i>Smooth or very slightly wrinkled</i> |
| 39. | Buah matang: warna/ <i>Mature fruit: colour</i> | Merah/ <i>Red</i> |
| 40. | Buah matang: keamatan warna/ <i>Mature fruit: intensity of colour</i> | Gelap/ <i>Dark</i> |
| 41. | Buah matang: keberkilatan pada kulit/ <i>Mature fruit: glossiness of skin</i> | Lemah/ <i>Weak</i> |
| 42. | Buah matang: rongga pada tangkai/ <i>Mature fruit: stalk cavity</i> | Tiada/ <i>Absent</i> |
| 43. | Buah matang: bentuk apeks/ <i>Mature fruit: shape of apex</i> | Agak akut/ <i>Moderately acute</i> |
| 44. | Buah matang: kedalaman alur pada perantaraan lokul/ <i>Mature fruit: depth of interlocular grooves</i> | Tiada/ <i>Absent</i> |
| 45. | Buah matang: bilangan lokul/ <i>Mature fruit: number of locules</i> | Kebanyakannya dua/ <i>Predominantly two</i> |
| 46. | Buah matang: ketebalan isi/ <i>Mature fruit: thickness of the flesh</i> | Nipis/ <i>Thin</i> |

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| 47. | Buah matang: panjang tangkai/ <i>Mature fruit: length of the stalk</i> | Sederhana/ <i>Medium</i> |
| 48. | Buah matang: ketebalan tangkai/ <i>Mature fruit: thickness of the stalk</i> | Nipis/ <i>Thin</i> |
| 49. | Kaliks: sifat/ <i>Calyx: aspect</i> | Bersampul/ <i>Enveloping</i> |
| 50. | Kaliks: kegigian/ <i>Calyx: dentation</i> | Tiada/ <i>Absent</i> |
| 51. | Buah matang: pelekatan pedisel pada batang/ <i>Mature fruit: persistency of pedicel to stem</i> | Agak senang ditanggal/ <i>Easily detachable</i> |
| 52. | Buah matang: pelekatan buah pada pedisel/ <i>Mature fruit: persistency of fruit to pedicel</i> | Agak senang ditanggal/ <i>Easily detachable</i> |
| 53. | Buah matang: kapsaisin di dalam plasenta/ <i>Mature fruit: capsaicin in the plasenta</i> | Kuat (62,000 shu)/ <i>Pungent (62,000 shu)</i> |
| 54. | Biji: warna/ <i>Seed: colour</i> | Putih kekuningan/ <i>Yellowish white</i> |
| 55. | Biji: saiz/ <i>Seed: size</i> | Sederhana/ <i>Medium</i> |
| 56. | Biji: berat bagi 1000 biji benih/ <i>Seed: weight of 1000 seeds</i> | Sederhana/ <i>Medium</i> |
| 57. | Biji: bilangan per buah/ <i>Seed: number per fruit</i> | Sederhana/ <i>Medium</i> |
| 58. | Masa permulaan pembungaan (bagi bunga pertama pada buku pembungaan kedua)/ <i>Time of beginning of flowering (first flower on second flowering node)</i> | Sederhana/ <i>Medium</i> |
| 59. | Masa kematangan/ <i>Time of maturity</i> | Awal/ <i>Early</i> |

Bertarikh 4 Oktober 2013

Dated 4 October 2013

[KP/LA/483/18 JLD. 4; PN(PU2)667/III]

DATO' MUSTAFA KAMAL BIN BAHARUDDIN
*Pengerusi Lembaga Varieti Tumbuhan/
Chairman of the Plant Varieties Board*