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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*: Rijk Zwaan Zaadteelt en Zaadhandel B. V.

Nama pengenalan varieti/*Variety denomination*: DUPLEX

No. rujukan fail pemohon/*Applicant file reference no.*: PVBT 017/14

Tanaman/*Crops*: Salad/*Lettuce*

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 DUPLEX/ <i>Characteristics of DUPLEX</i> |
|--------------|---|---|
| 1. | Pokok : jenis/ <i>Plant : type</i> | Keratan semasa penuaian salad/ <i>Cutting of gathering lettuce</i> |
| 2. | Jenis kultur/ <i>Type of culture</i> | Dalam keadaan terbuka/ <i>In the open</i> |
| 3. | Biji benih : warna/ <i>Seed : colour</i> | Hitam/ <i>Black</i> |
| 4. | Semaian : pewarnaan antosianin/ <i>Seedling : antocyanin coloration</i> | Ada/ <i>Present</i> |
| 5. | Daun : sifat (peringkat 10 hingga 12 helai daun)/ <i>Leaf : attitude (10 to 12 leaf stage)</i> | Separa tegak/ <i>Semi-erect</i> |

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| 6. | Lai daun : pembahagian pada peringkat 10 hingga 12 helai daun/ <i>Leaf blade : division at 10 to 12 leaf stage</i> | Membahagi/ <i>Divided</i> |
| 7. | Pokok : diameter/ <i>Plant : diameter</i> | Kecil ke sederhana/ <i>Small to medium</i> |
| 8. | Pokok : pembentukan kepala/ <i>Plant : head formation</i> | Tiada kepala/ <i>No head</i> |
| 9. | Daun : ketebalan/ <i>Leaf : thickness</i> | Sangat nipis ke nipis/ <i>Very thin to thin</i> |
| 10. | Daun : sifat pada peringkat matang penuaian (daun luar daripada kepala salad atau daun dewasa daripada keratan atau batang salad)/ <i>Leaf : attitude at harvest maturity (outer leaves from head lettuce or adult leaves from cutting and stem lettuce)</i> | Separa tegak/ <i>Semi-erect</i> |
| 11. | Daun : bentuk/ <i>Leaf : shape</i> | Eliptik lebar melintang/ <i>Transverse broad elliptic</i> |
| 12. | Daun : bentuk hujung/ <i>Leaf : shape of tip</i> | Membulat/ <i>Rounded</i> |
| 13. | Daun : rona warna hijau daun luar/ <i>Leaf : hue of green colour of outer leaves</i> | Kemerahan / <i>Reddish</i> |
| 14. | Daun : keamatan warna pada daun luar/ <i>Leaf : intensity of colour of outer leaves</i> | Gelap/ <i>Dark</i> |
| 15. | Daun : warna antosianin/ <i>Leaf : anthocyanin coloration</i> | Ada/ <i>Present</i> |
| 16. | Daun : keamatan warna antosianin/ <i>Leaf : intensity of anthocyanin coloration</i> | Kuat/ <i>Strong</i> |
| 17. | Daun : sebaran antosianin/ <i>Leaf : distribution of anthocyanin</i> | Keseluruhan/ <i>Entire</i> |
| 18. | Daun : jenis sebaran antosianin/ <i>Leaf : kind of anthocyanin distribution</i> | Tersebar dan dalam bintik/ <i>Diffused and in spot</i> |

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| 19. | Daun : kilauan pada permukaan atas/ <i>Leaf : glossiness of upper side</i> | Sederhana/ <i>Medium</i> |
| 20. | Daun : melepuh/ <i>Leaf : blistering</i> | Tiada atau sangat lemah/ <i>Absent or very weak</i> |
| 21. | Lai daun : darjah alunan margin/ <i>Leaf blade : degree of undulation of margin</i> | Sederhana/ <i>Medium</i> |
| 22. | Lai daun : insisi margin pada bahagian apeks/ <i>Leaf blade : incision of margin on apical part</i> | Ada/ <i>Present</i> |
| 23. | Lai daun : kedalaman insisi margin pada bahagian apeks/ <i>Leaf blade : depth of incision of margin on apical part</i> | Sederhana ke dalam/ <i>Medium to deep</i> |
| 24. | Lai daun : kepadatan insisi margin pada bahagian apeks/ <i>Leaf blade : density of incision of margin on apical part</i> | Sederhana/ <i>Medium</i> |
| 25. | Lai daun : peruratan/ <i>Leaf blade : venation</i> | Flabelat/ <i>Flabellate</i> |
| 26. | Tunas aksil/ <i>Axillary sprouting</i> | Tiada atau sangat lemah/ <i>Absent or very weak</i> |
| 27. | Masa kematangan penuaian/ <i>Time of harvest maturity</i> | Sederhana/ <i>Medium</i> |
| 28. | Masa bermula peletusan di bawah keadaan siang yang panjang/ <i>Time of beginning of bolting under long day conditions</i> | Sangat lewat/ <i>Very late</i> |
| 29. | Pokok : tinggi (peringkat berbunga)/ <i>Plant : height (flowering stage)</i> | Tidak diperhatikan/ <i>Not observed</i> |
| 30. | Pokok : pemfasiaan (pada peringkat berbunga)/ <i>Plant : fasciation (at flowering stage)</i> | Ada/ <i>Present</i> |
| 31. | Pokok : keamatan pemfasiaan (pada peringkat berbunga)/ <i>Plant : intensity of fasciation (at flowering stage)</i> | Sangat lemah ke lemah/ <i>Very weak to weak</i> |

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| 32. | Kerintangan kepada kulapuk Downy (<i>Bremia lactucae</i>) Isolate Bl : 2/ <i>Resistance to Downy mildew (Bremia lactucae)</i> Isolate Bl : 2 | Ada/ <i>Present</i> |
| 33. | Kerintangan kepada kulapuk Downy (<i>Bremia lactucae</i>) Isolate Bl : 5/ <i>Resistance to Downy mildew (Bremia lactucae)</i> Isolate Bl : 5 | Ada/ <i>Present</i> |
| 34. | Kerintangan kepada kulapuk Downy (<i>Bremia lactucae</i>) Isolate Bl : 7/ <i>Resistance to Downy mildew (Bremia lactucae)</i> Isolate Bl : 7 | Ada/ <i>Present</i> |
| 35. | Kerintangan kepada kulapuk Downy (<i>Bremia lactucae</i>) Isolate Bl : 12/ <i>Resistance to Downy mildew (Bremia lactucae)</i> Isolate Bl : 12 | Ada/ <i>Present</i> |
| 36. | Kerintangan kepada kulapuk Downy (<i>Bremia lactucae</i>) Isolate Bl : 14/ <i>Resistance to Downy mildew (Bremia lactucae)</i> Isolate Bl : 14 | Ada/ <i>Present</i> |
| 37. | Kerintangan kepada kulapuk Downy (<i>Bremia lactucae</i>) Isolate Bl : 15/ <i>Resistance to Downy mildew (Bremia lactucae)</i> Isolate Bl : 15 | Ada/ <i>Present</i> |
| 38. | Kerintangan kepada kulapuk Downy (<i>Bremia lactucae</i>) Isolate Bl : 16/ <i>Resistance to Downy mildew (Bremia lactucae)</i> Isolate Bl : 16 | Ada/ <i>Present</i> |

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| 39. | Kerintangan kepada kulapuk Downy (<i>Bremia lactucae</i>) Isolate Bl : 17/ <i>Resistance to Downy mildew (Bremia lactucae)</i> Isolate Bl : 17 | Ada/ <i>Present</i> |
| 40. | Kerintangan kepada kulapuk Downy (<i>Bremia lactucae</i>) Isolate Bl : 18/ <i>Resistance to Downy mildew (Bremia lactucae)</i> Isolate Bl : 18 | Ada/ <i>Present</i> |
| 41. | Kerintangan kepada kulapuk Downy (<i>Bremia lactucae</i>) Isolate Bl : 20/ <i>Resistance to Downy mildew (Bremia lactucae)</i> Isolate Bl : 20 | Ada/ <i>Present</i> |
| 42. | Kerintangan kepada kulapuk Downy (<i>Bremia lactucae</i>) Isolate Bl : 21/ <i>Resistance to Downy mildew (Bremia lactucae)</i> Isolate Bl : 21 | Ada/ <i>Present</i> |
| 43. | Kerintangan kepada kulapuk Downy (<i>Bremia lactucae</i>) Isolate Bl : 22/ <i>Resistance to Downy mildew (Bremia lactucae)</i> Isolate Bl : 22 | Ada/ <i>Present</i> |
| 44. | Kerintangan kepada kulapuk Downy (<i>Bremia lactucae</i>) Isolate Bl : 23/ <i>Resistance to Downy mildew (Bremia lactucae)</i> Isolate Bl : 23 | Ada/ <i>Present</i> |
| 45. | Kerintangan kepada kulapuk Downy (<i>Bremia lactucae</i>) Isolate Bl : 24/ <i>Resistance to Downy mildew (Bremia lactucae)</i> Isolate Bl : 24 | Ada/ <i>Present</i> |

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| 46. | Kerintangan kepada kulapuk Downy (<i>Bremia lactucae</i>) Isolate Bl : 25/ Resistance to Downy mildew (<i>Bremia lactucae</i>) Isolate Bl : 25 | Ada/ Present |
| 47. | Kerintangan kepada kulapuk Downy (<i>Bremia lactucae</i>) Isolate Bl : 26/ Resistance to Downy mildew (<i>Bremia lactucae</i>) Isolate Bl : 26 | Ada/ Present |
| 48. | Kerintangan kepada kulapuk Downy (<i>Bremia lactucae</i>) Isolate Bl : 27/ Resistance to Downy mildew (<i>Bremia lactucae</i>) Isolate Bl : 27 | Ada/ Present |
| 49. | Kerintangan kepada virus mozek salad (LMV) strain Ls-1/ Resistance to lettuce mosaic virus (LMV) strain Ls-1 | Tiada/ Absent |
| 50. | Kerintangan kepada <i>Nasonovia ribisnigri</i> biotype Nr: 0/ Resistance to <i>Nasonovia ribisnigri</i> biotype Nr: 0 | Ada/ Present |

Bertarikh 19 Ogos 2015

Dated 19 August 2015

[KP/LA/483 18]ld. 4; PN(PU2)667/VII]

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