



23 November 2023
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P.U. (B) 521

WARTA KERAJAAN PERSEKUTUAN

*FEDERAL GOVERNMENT
GAZETTE*

PEMBERITAHUAN PERMOHONAN
PENDAFTARAN VARIETI BARU TUMBUHAN DAN
PEMBERIAN HAK PEMBIAK BAKA (AA HYBRIDA LS)

*NOTIFICATION OF APPLICATION
FOR REGISTRATION OF NEW PLANT VARIETY AND
GRANT OF BREEDER'S RIGHT (AA HYBRIDA LS)*

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 (AA HYBRIDA LS)

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 (AA HYBRIDA LS)

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 a new plant variety and grant of a breeder's right as specified in the Schedule.

JADUAL/SCHEDULE

Nama pemohon/*Name of applicant*: Applied Agricultural Resources Sdn. Bhd.

Nama pengenalan varieti/*Variety denomination*: AA Hybrida LS

No. rujukan fail pemohon/*Applicant file reference no.*: PVBT 028/21

Tanaman/*Crops*: Kelapa Sawit/*Oil Palm*

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 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 'AA Hybrida LS'/ <i>Characteristics of 'AA Hybrida LS'</i> |
|--------------|---|---|
| 1. | Pokok: kanopi/ <i>Palm: canopy</i> | Mengembang/ <i>Spreading</i> |
| 2. | Pokok: tinggi/ <i>Palm: height</i> | Purata: 4.26 ± 0.14 m/ <i>Mean: 4.26 ± 0.14 m</i> |
| 3. | Pokok: peningkatan ketinggian/ <i>Palm: height increment</i> | Purata: 40.56 ± 1.39 cm/tahun/ <i>Mean: 40.56 ± 1.39 cm/year</i> |

| Bil./ No. | Ciri-Ciri Varieti/ <i>Characteristics of Variety</i> | Ciri-Ciri 'AA Hybrida LS'/ <i>Characteristics of 'AA Hybrida LS'</i> |
|--------------|---|--|
| 4. | Pokok: diameter batang/ <i>Palm: trunk diameter</i> | Purata: 95.63 ± 2.58 cm/ <i>Mean: 95.63 ± 2.58 cm</i> |
| 5. | Pelepah: kehadiran anak daun di hujung/ <i>Fronde: presence of leaflet at the tip</i> | Ada/ <i>Present</i> |
| 6. | Rakis: panjang/ <i>Rachis: length</i> | Purata: 662.00 ± 9.93 cm/ <i>Mean: 662.00 ± 9.93 cm</i> |
| 7. | Petiol: lebar/ <i>Petiole: width</i> | Purata: 9.19 ± 0.24 cm/ <i>Mean: 9.19 ± 0.24 cm</i> |
| 8. | Petiol: kedalaman/ <i>Petiole: depth</i> | Purata: 4.58 ± 0.12 cm/ <i>Mean: 4.58 ± 0.12 cm</i> |
| 9. | Petiol: kepadatan duri/ <i>Petiole: density of spike</i> | Sederhana/ <i>Medium</i> |
| 10. | Petiol: warna/ <i>Petiole: colour</i> | Hijau perang/ <i>Brown green</i> |
| 11. | Petiol: keluasan permukaan keratan rentas/ <i>Petiole: surface area of cross section</i> | Purata: 42.27 ± 2.04 cm ² / <i>Mean: 42.27 ± 2.04 cm²</i> |
| 12. | Anak daun: panjang/ <i>Leaflet: length</i> | Purata: 105.76 ± 2.03 cm/ <i>Mean: 105.76 ± 2.03 cm</i> |
| 13. | Anak daun: lebar/ <i>Leaflet: width</i> | Purata: 4.84 ± 0.14 cm/ <i>Mean: 4.84 ± 0.14 cm</i> |
| 14. | Anak daun: bilangan/ <i>Leaflet: number</i> | Purata: 170 ± 4.66/ <i>Mean: 170 ± 4.66</i> |
| 15. | Anak daun: warna tetulang tengah/ <i>Leaflet: midrib colour</i> | Kuning/ <i>Yellow</i> |

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|--------------|---|---|
| 16. | Jambak bunga jantan: panjang tangkai/ <i>Male inflorescence: length of stalk</i> | Purata: 81.50 ± 6.46 cm/ <i>Mean: 81.50 ± 6.46 cm</i> |
| 17. | Tandan: berat/ <i>Bunch: weight</i> | Purata: 28.20 ± 2.23 kg/ <i>Mean: 28.20 ± 2.23 kg</i> |
| 18. | Tandan: panjang tangkai/ <i>Bunch: length of stalk</i> | Purata: 41.37 ± 1.40 cm/ <i>Mean: 41.37 ± 1.40 cm</i> |
| 19. | Tandan: bentuk/ <i>Bunch: shape</i> | Kordiform/ <i>Cordiform</i> |
| 20. | Tandan: kepadatan duri/ <i>Bunch: density of spines</i> | Sederhana/ <i>Medium</i> |
| 21. | Tandan: panjang duri/ <i>Bunch: spine length</i> | Sederhana/ <i>Medium</i> |
| 22. | Buah: jenis/ <i>Fruit: form</i> | Tenera/ <i>Tenera</i> |
| 23. | Buah: bentuk/ <i>Fruit: shape</i> | Obovat memanjang/ <i>Elongated obovate</i> |
| 24. | Buah: keadaan berlipat/ <i>Fruit: mantled</i> | Tiada/ <i>Absent</i> |
| 25. | Buah: warna/ <i>Fruit: colour</i> | Nigrescens/ <i>Nigrescens</i> |
| 26. | Buah: absis/ <i>Fruit: abscission</i> | Ada/ <i>Present</i> |
| 27. | Buah: berat sepuluh biji buah/ <i>Fruit: weight of ten fruits</i> | Purata: 125.89 ± 7.07 g/ <i>Mean: 125.89 ± 7.07 g</i> |

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|--------------|---|---|
| 28. | Buah: nisbah tempurung kepada buah (% mengikut berat)/ <i>Fruit: shell to fruit ratio (% by weight)</i> | Purata: 3.78 ± 0.29 %/ <i>Mean: 3.78 ± 0.29 %</i> |
| 29. | Buah: nisbah mesokarpa kepada buah (% mengikut berat)/ <i>Fruit: mesocarp to fruit ratio (% by weight)</i> | Purata: 91.66 ± 0.74 %/ <i>Mean: 91.66 ± 0.74 %</i> |
| 30. | Buah: warna mesokarpa/ <i>Fruit: mesocarp colour</i> | Jingga sederhana (rujukan RHS: 25B)/ <i>Medium orange (RHS reference: 25B)</i> |
| 31. | Buah: bilangan isirong per buah/ <i>Fruit: number of kernel per fruit</i> | Kebanyakan satu/ <i>Predominantly one</i> |
| 32. | Buah: nisbah isirong kepada buah (% mengikut berat)/ <i>Fruit: kernel to fruit ratio (% by weight)</i> | Purata: 4.56 ± 0.52 %/ <i>Mean: 4.56 ± 0.52 %</i> |
| 33. | Biji: bentuk/ <i>Nut: shape</i> | Obovat/ <i>Obovate</i> |
| 34. | Biji: berat sepuluh unit biji/ <i>Nut: weight of ten nuts</i> | Purata: 9.84 ± 0.89 g/ <i>Mean: 9.84 ± 0.89 g</i> |
| 35. | Biji: panjang/ <i>Nut: length</i> | Purata: 14.52 ± 0.85 mm/ <i>Mean: 14.52 ± 0.85 mm</i> |
| 36. | Biji: lebar/ <i>Nut: width</i> | Purata: 12.14 ± 0.49 mm/ <i>Mean: 12.14 ± 0.49 mm</i> |
| 37. | Anak benih: tinggi pada umur enam bulan/ <i>Seedling: height at six-month-old</i> | Purata: 52.81 ± 1.42 cm/ <i>Mean: 52.81 ± 1.42 cm</i> |
| 38. | Anak benih: diameter pada umur enam bulan/ <i>Seedling: diameter at six-month-old</i> | Purata: 35.66 ± 1.11 mm/ <i>Mean: 35.66 ± 1.11 mm</i> |
| 39. | Anak benih: warna anak daun pada umur enam bulan/ <i>Seedling: leaflet colour at six-month-old</i> | Hijau gelap (rujukan RHS: NN137B)/ <i>Dark green (RHS reference: NN137B)</i> |

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|--------------|--|--|
| 40. | Anak benih: warna petiol pada umur enam bulan/ <i>Seedling: petiole colour at six-month-old</i> | Hijau perang sederhana (rujukan RHS: 146C)/ <i>Medium brown green (RHS reference: 146C)</i> |

Bertarikh 9 November 2023

Dated 9 November 2023

[KP/LA/483/18/1; PN(PU2)667/JLD. 21]

Bagi pihak dan atas nama Pengerusi Lembaga/
On behalf and in the name of the Chairman of the Board

DATO' NOR SAM BINTI ALWI
*Menjalankan tugas sebagai Ketua Pengarah Jabatan Pertanian/
Exercising the duties of the Director of the Department of Agriculture*