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WARTA KERAJAAN PERSEKUTUAN

*FEDERAL GOVERNMENT
GAZETTE*

PEMBERITAHUAN PERMOHONAN
PENDAFTARAN VARIETI BARU TUMBUHAN DAN
PEMBERIAN HAK PEMBIAK BAKA (DOLE-14)

*NOTIFICATION OF APPLICATION
FOR REGISTRATION OF NEW PLANT VARIETY AND
GRANT OF BREEDER'S RIGHT (DOLE-14)*

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 (DOLE-14)

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 (DOLE-14)

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*: Dole Asia Holdings Pte. Ltd.

Nama pengenalan varieti/*Variety denomination*: Dole-14

No. rujukan fail pemohon/*Applicant file reference no.*: PVBT 025/09

Tanaman/*Crop*: Nanas/*Pineapple*

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 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 Nanas 'Dole-14' / <i>Characteristics of 'Dole-14' Pineapple</i>
1.	Pokok: sifat daun/ <i>Plant: foliage attitude</i>	Separa menegak/ <i>Semi-upright</i>

Bil./ No.	Ciri-Ciri Varieti/ <i>Characteristics of Variety</i>	Ciri-Ciri Nanas 'Dole-14' / <i>Characteristics of 'Dole-14' Pineapple</i>
2.	Pokok: bilangan daun yang dihasilkan dari bulan ke-4 selepas pemindahan tanaman sehingga aruhan/ <i>Plant: number of leaves produced from the 4th month after transplanting until forcing</i>	Sederhana (purata: 53)/ <i>Medium (mean: 53)</i>
3.	Daun rujukan: panjang/ <i>Reference leaf: length</i>	Sederhana (purata: 83.33 cm)/ <i>Medium (mean: 83.33 cm)</i>
4.	Daun rujukan: lebar/ <i>Reference leaf: width</i>	Sederhana (purata: 4.97 cm)/ <i>Medium (mean: 4.97 cm)</i>
5.	Daun: warna dominan (pada permukaan atas)/ <i>Leaf: predominant colour (on upper surface)</i>	Hijau pudar/ <i>Pale green</i>
6.	Daun: kehadiran variegasi (pada permukaan atas)/ <i>Leaf: presence of variegation (on upper surface)</i>	Tiada/ <i>Absent</i>
7.	Daun: kehadiran antosianin (pada permukaan atas)/ <i>Leaf: presence of anthocyanin (on upper surface)</i>	Tiada/ <i>Absent</i>
8.	Daun: sifat tepian daun/ <i>Leaf: leaf edges aspect</i>	Tidak berduri <i>Piping</i>
9.	Pedunkel: warna permukaan atas daun braktea ventral/ <i>Peduncle: colour of upper surface of ventral bract leaves</i>	Hijau/ <i>Green</i>
10.	Jambak bunga: saiz braktea floral/ <i>Inflorescence: floral bract size</i>	Kecil ke sederhana (purata: 19.80 mm)/ <i>Small to medium (mean: 19.80 mm)</i>
11.	Jambak bunga: corak pembungaan/ <i>Inflorescence: flowering pattern</i>	Pembungaan bermula dari pangkal ke pucuk/ <i>Flowering proceeds from bottom to top</i>

Bil./ No.	Ciri-Ciri Varieti/ <i>Characteristics of Variety</i>	Ciri-Ciri Nanas 'Dole-14'/ <i>Characteristics of 'Dole-14' Pineapple</i>
12.	Jambak bunga: bilangan bunga/ <i>Inflorescence: number of flowers</i>	Sederhana (purata: 105)/ <i>Medium (mean: 105)</i>
13.	Bunga: pewarnaan hujung petal/ <i>Flower: petal tip colouration</i>	Ungu sederhana/ <i>Medium purple</i>
14.	Bunga: luas kawasan petal tanpa pewarnaan (tanpa mengasingkan bunga dari buah)/ <i>Flower: area of petal without colouration (without removing the flower from the fruit)</i>	Kecil/ <i>Small</i>
15.	Bunga: pangkal petal/ <i>Flower: petal base</i>	Bebas/ <i>Free</i>
16.	Bunga: panjang sepal/ <i>Flower: length of sepal</i>	Besar (purata: 11.11 mm)/ <i>Large (mean: 11.11 mm)</i>
17.	Bunga: warna dominan sepal/ <i>Flower: predominant colour of sepal</i>	Putih/ <i>White</i>
18.	Bunga: saiz relatif stamen/ <i>Flower: relative size of stamens</i>	Sama dengan stil/ <i>Equal to style</i>
19.	Bunga: kedudukan anter/ <i>Flower: disposition of anthers</i>	Berasingan/ <i>Separate</i>
20.	Bunga: panjang stamen/ <i>Flower: stamen length</i>	Sederhana (purata: 15.18 mm)/ <i>Medium (mean: 15.18 mm)</i>
21.	Bunga: panjang stil/ <i>Flower: style length</i>	Sederhana (purata: 15.18 mm)/ <i>Medium (mean: 15.18 mm)</i>
22.	Buah muda: warna dominan/ <i>Immature fruit: predominant colour</i>	Hijau gelap/ <i>Dark green</i>

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23.	Pokok: bahagian pokok yang melentur atau mendatar/ <i>Plant: part of the plant bending or flattening</i>	Keseluruhan pokok/ <i>Whole plant</i>
24.	Pokok: tinggi dari tanah ke bahagian atas daun/ <i>Plant: height from the ground to the top of the foliage</i>	Sederhana (purata: 83.55 mm)/ <i>Medium (mean: 83.55 mm)</i>
25.	Pokok: tinggi dari tanah ke bahagian pangkal buah/ <i>Plant: height from the ground to the fruit base</i>	Sederhana (purata: 41.20 cm)/ <i>Medium (mean: 41.20 cm)</i>
26.	Pedunkel: kehadiran trikoma sebelum buah masak/ <i>Peduncle: presence of trichomes when unripe</i>	Ada/ <i>Present</i>
27.	Pedunkel: panjang/ <i>Peduncle: length</i>	Sederhana (purata: 25.90 cm)/ <i>Medium (mean: 25.90 cm)</i>
28.	Pedunkel: diameter (pada bahagian tengah)/ <i>Peduncle: diameter (at the middle part)</i>	Sederhana (purata: 34.02 mm)/ <i>Medium (mean: 34.02 mm)</i>
29.	Pedunkel: bilangan braktea (buku pertama ke pedunkel ditanggal tidak termasuk braktea pada paksi buah)/ <i>Peduncle: number of bracts (first node to detached peduncle excluding bracts on fruit axis)</i>	Sederhana (purata: 16)/ <i>Medium (mean: 16)</i>
30.	Pokok: purata bilangan sulur bawah tanah setiap pokok/ <i>Plant: mean number of underground suckers per plant</i>	Tiada atau sangat sedikit/ <i>None or very few</i>
31.	Pokok: kehadiran sulur tangkai/ <i>Plant: presence of slips</i>	Ada/ <i>Present</i>
32.	Pokok: bilangan sulur tangkai/ <i>Plant: number of slips</i>	Sedikit/ <i>Few</i>
33.	Jambul: sifat/ <i>Crown: attitude</i>	Menegak/ <i>Upright</i>

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34.	Jambul: saiz/ <i>Crown: size</i>	Sederhana/ <i>Medium</i>
35.	Jambul: warna daun jambul/ <i>Crown: colour of crown leaves</i>	Sama seperti daun pokok/ <i>Same as plant leaves</i>
36.	Jambul: bilangan anak jambul setiap buah/ <i>Crown: number of crownlets per fruit</i>	Tunggal/ <i>Solitary</i>
37.	Jambul: tinggi/ <i>Crown: height</i>	Sederhana (purata: 18.1 cm)/ <i>Medium (mean: 18.1 cm)</i>
38.	Buah masak: kesenangan pedunkel patah/ <i>Fruit: easiness of breaking peduncle</i>	Senang/ <i>Easy</i>
39.	Buah masak: bentuk/ <i>Ripe fruit: shape</i>	Berbentuk kon ke silinder/ <i>Conical to cylindrical</i>
40.	Buah masak: warna kulit paling dominan/ <i>Ripe fruit: predominant colour of skin</i>	Kuning keemasan/ <i>Golden yellow</i>
41.	Buah masak: keseragaman warna/ <i>Ripe fruit: colour uniformity</i>	Mengikut gradien/ <i>With a gradient</i>
42.	Buah masak: kehadiran leher/ <i>Ripe fruit: presence of neck</i>	Pendek/ <i>Short</i>
43.	Buah masak: tinggi (tidak termasuk leher)/ <i>Ripe fruit: height (excluding neck)</i>	Sederhana (purata: 17.3 cm)/ <i>Medium (mean: 17.3 cm)</i>
44.	Buah masak: diameter pada bahagian bawah (di ketinggian tengah sebelum mata terakhir)/ <i>Ripe fruit: diameter at the lower part (at mid height of the one before the last eye)</i>	Sederhana (purata: 112.1 mm)/ <i>Medium (mean: 112.1 mm)</i>

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45.	Buah masak: diameter pada bahagian tengah/ <i>Ripe fruit: diameter at the middle</i>	Sederhana (purata: 133.3 mm)/ <i>Medium (mean: 133.3 mm)</i>
46.	Buah masak: diameter pada bahagian atas/ <i>Fruit: diameter at the upper part</i>	Sederhana (purata: 106.5 mm)/ <i>Medium (mean: 106.5 mm)</i>
47.	Buah masak: berat (tidak termasuk jambul)/ <i>Fruit: weight (excluding crown)</i>	Sederhana (purata: 1.87 kg)/ <i>Medium (mean: 1.87 kg)</i>
48.	Buah masak: bilangan mata/ <i>Ripe fruit: number of eyes</i>	Sedikit (purata: 92)/ <i>Few (mean: 92)</i>
49.	Buah masak: profil mata/ <i>Ripe fruit: profile of eyes</i>	Rata/ <i>Flat</i>
50.	Isi: warna/ <i>Flesh: colour</i>	Jingga kuning/ <i>Yellow orange</i>
51.	Isi: keseragaman warna dari bahagian bawah ke atas/ <i>Flesh: colour uniformity from the bottom to the top</i>	Mengikut gradien/ <i>With a gradient</i>
52.	Isi: diameter empulur/ <i>Flesh: core diameter</i>	Kecil ke sederhana (purata: 23.91 mm)/ <i>Small to medium (mean: 23.91 mm)</i>
53.	Isi: kedalaman mata/ <i>Flesh: depth of eye</i>	Cetek/ <i>Shallow</i>
54.	Isi: kepadatan/ <i>Flesh: compactness</i>	Padat/ <i>Compact</i>
55.	Isi: kerangupan/ <i>Flesh: crunchiness</i>	Rangup/ <i>Crunchy</i>
56.	Isi: tekstur/ <i>Flesh: texture</i>	Halus/ <i>Smooth</i>

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57.	Isi: aroma/ <i>Flesh: aroma</i>	Sederhana/ <i>Medium</i>
58.	Isi: keberjusan/ <i>Flesh: juiciness</i>	Sederhana/ <i>Medium</i>
59.	Isi: keasidan/ <i>Flesh: acidity</i>	Sederhana (pH 3.99)/ <i>Medium (pH 3.99)</i>
60.	Isi: kandungan gula/ <i>Flesh: sugar content</i>	Tinggi (16.55 °brix)/ <i>High (16.55 °brix)</i>

Bertarikh 24 Disember 2021

Dated 24 December 2021

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

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