



APPLICATIONS UNDER EXAMINATION

RASPBERRY

RASPBERRY (*Rubus idaeus*)

Proposed denomination:	'DrisRaspTen'
Trade name:	Driscoll's Sunrise
Application number:	17-9193
Application date:	2016/07/13 (priority claimed)
Applicant:	Driscoll's, Inc., Watsonville, California, United States of America
Agent in Canada:	Lavery, De Billy, S.E.N.C.R.L. - LLP, Montreal, Quebec
Breeder:	Brian K. Hamilton, Driscoll's, Inc., Watsonville, California, United States of America Carlos D. Fear, Driscoll's, Inc., Watsonville, California, United States of America Matthias D. Vitten, Driscoll's, Inc., Watsonville, California, United States of America

Note: The applicant has requested an exemption from compulsory licensing to allow time to multiply and distribute propagating material of the variety. If the exemption is granted, it may be allowed for two years from the date rights are granted for the variety.

Description:

PLANT: semi-upright growth habit, medium number of current season's canes, bears fruit on previous season's cane in summer and on current season's cane in autumn, mid-season vegetative bud burst

VERY YOUNG SHOOT: anthocyanin colouration of apex absent during rapid growth, mid to late season emergence

FRUITING LATERAL: semi-erect attitude, medium to long

CURRENT SEASON'S CANE: long, very weak to weak bloom, strong to very strong intensity of anthocyanin colouration, short to medium internode length, medium length vegetative bud

DORMANT CANE: long, brownish purple

SPINES: medium to dense, medium to large base, short to medium length, purple

LEAF: medium green upper side, predominantly five leaflets, medium to strong rugosity, relative position of lateral leaflets is touching

LEAFLET: straight in cross-section

TERMINAL LEAFLET: long, broad

FLOWERING: begins late season on previous season's cane and late to very late season on current season's cane

PEDUNCLE: very weak to weak intensity of anthocyanin colouration

PEDICEL: many spines

FLOWER: large

FRUIT RIPENING: begins mid-season on previous season's cane and late to very late on current season's cane

FRUIT: long, broad to very broad, medium to large length to width ratio, broad conical shape in lateral view, orange, medium to strong glossiness, medium to firm, medium adherence to plug

DRUPE: large to very large

FRUITING PERIOD: medium to long on previous season's cane, short to medium on current season's cane

Origin and Breeding: 'DrisRaspTen' originated from a controlled cross conducted between the U.S. patented varieties 'Driscoll Estrella' (female parent) and 'Driscoll Maravilla' (male parent) in Santa Cruz County, California, United States in August 2004. A single seedling of 'DrisRaspTen' was selected in August 2005 based on plant vigour and fruit colour, size, firmness, flavour and yield. 'DrisRaspTen' was initially asexually propagated by tissue culture at a nursery in Santa Cruz county and further successive propagation via tissue culture and root cuttings occurred at the same location.

Tests and Trials: The detailed description of ‘DrisRaspTen’ is based on the UPOV report of Technical Examination, application number 20171335, purchased from the Community Plant Variety Office in Angers, France. The trial was conducted by the Bundessortenamt in Hannover, Germany in 2019 and 2021.



Raspberry: ‘DrisRaspTen’



Raspberry: ‘DrisRaspTen’

Proposed denomination:	‘DrisRaspTwelve’
Application number:	18-9486
Application date:	2017/11/20 (priority claimed)
Applicant:	Driscoll’s, Inc., Watsonville, California, United States of America
Agent in Canada:	Lavery, De Billy, S.E.N.C.R.L. - LLP, Montreal, Quebec
Breeder:	Matthias D. Vitten, Driscoll’s, Inc., Watsonville, California, United States of America Luis Miguel Rodriguez Martinez, Driscoll’s, Inc., Watsonville, California, United States of America
	Richard E. Harrison, Driscoll’s, Inc., Watsonville, California, United States of America

Note: The applicant has requested an exemption from compulsory licensing to allow time to multiply and distribute propagating material of the variety. If the exemption is granted, it may be allowed for two years from the date rights are granted for the variety.

Varieties used for comparison: ‘Driscoll Pacifica’ and ‘Radiance’

Summary: *The emergence of the current season’s cane occurs late in the season for ‘DrisRaspTwelve’ while it occurs early to mid-season for ‘Radiance’. The bloom on the current season’s cane of ‘DrisRaspTwelve’ is weak whereas it is medium to strong on the current season’s canes of ‘Driscoll Pacifica’.*

Description:

PLANT: semi-upright growth habit, many current season’s canes, bears fruit on previous season’s cane in summer and on current season’s cane in autumn, mid-season vegetative bud burst

VERY YOUNG SHOOT: very weak to weak intensity of anthocyanin colouration of apex during rapid growth, late emergence

FRUITING LATERAL: semi-erect attitude, long

CURRENT SEASON’S CANE: long, weak bloom, strong intensity of anthocyanin colouration, short to medium internode length, medium sized vegetative bud

DORMANT CANE: long, purplish brown

SPINES: medium density, small to medium sized base, short, brownish green

LEAF: medium to dark green upper side, equally three and five leaflets, medium rugosity, relative position of lateral leaflets is touching

LEAFLET: convex in cross-section

TERMINAL LEAFLET: long, broad

FLOWERING: begins late season on previous season’s cane and early season on current season’s cane

PEDUNCLE: very weak to weak intensity of anthocyanin colouration

PEDICEL: few to medium number of spines

FLOWER: large

FRUIT RIPENING: begins mid to late season on previous season’s cane and mid-season on current season’s cane

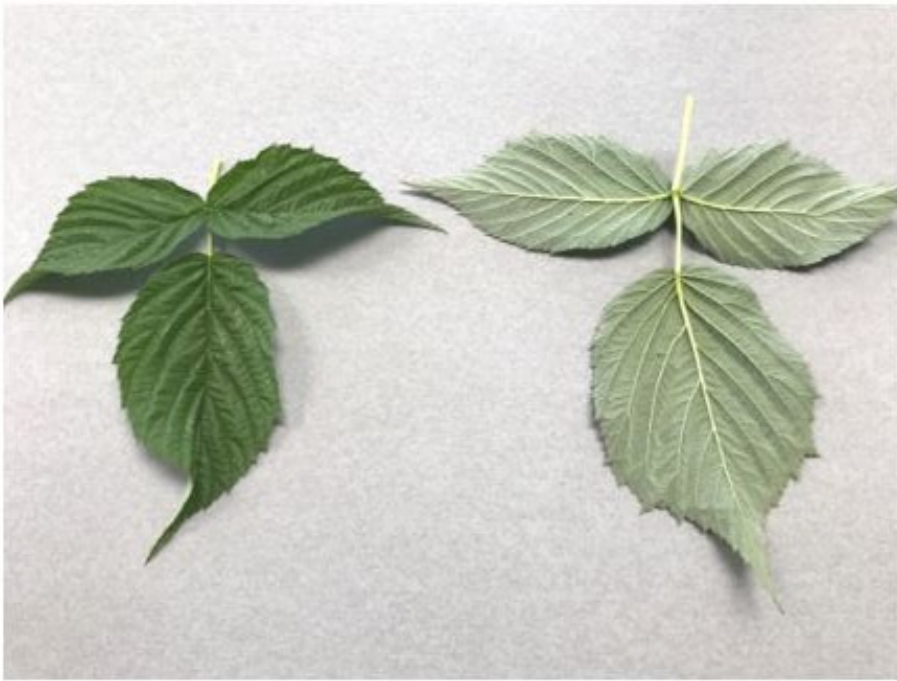
FRUIT: long to very long, broad to very broad, large length to width ratio, conical shape in lateral view, medium red, medium glossiness, medium to firm, medium adherence to plug,

DRUPE: large to very large

FRUITING PERIOD: short on previous season’s cane, medium to long on current season’s cane

Origin and Breeding: ‘DrisRaspTwelve’ originated from a controlled cross conducted between the two proprietary varieties, ‘RB608.1’ (female parent) and ‘RD150.1’ (male parent), in Santa Cruz County, California, United States, in April 2010. A single seedling of ‘DrisRaspTwelve’ was selected in August 2011 based on fruit size, flavour and shelf life. ‘DrisRaspTwelve’ was initially asexually propagated by tissue culture with further successive propagation via tissue culture and root cuttings at a nursery in Santa Cruz county.

Tests and Trials: The detailed description of ‘DrisRaspTwelve’ is based on the UPOV report of Technical Examination, application number 20181444, purchased from the Community Plant Variety Office in Angers, France. The trial was conducted by the Bundessortenamt in Hannover, Germany in 2020 and 2021.



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