



APPLICATIONS UNDER EXAMINATION

STRAWBERRY

STRAWBERRY (*Fragaria* × *ananassa*)

Proposed denomination: 'CIVRH612'
Application number: 23-11198
Application date: 2023/02/09
Applicant: C.I.V. Consorzio Italiano Vivaisti Societa Consortile A.R.L., Ferrara, Italy
Agent in Canada: Bereskin & Parr, Toronto, Ontario
Breeder: Michelangelo Leis, Ferrara, FE, Italy
Alessio Martinelli, Ferrara, FE, Italy

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: 'Portola' and 'Diamante'

Summary: *The plants of 'CIVRH612' have few stolons whereas those of 'Portola' have a medium number of stolons and those of 'Diamante' have many stolons. The plants of 'CIVRH612' flower early whereas those of 'Portola' flower late. The inflorescence of 'CIVRH612' is positioned at the same level as the foliage whereas that of both reference varieties is positioned above the foliage. The leaf of 'CIVRH612' has a medium degree of blistering whereas that of 'Diamante' has a strong degree of blistering. The terminal leaflet of 'CIVRH612' is equally long as it is wide whereas that of 'Diamante' is much longer than it is wide. The base of the terminal leaflet of 'CIVRH612' is rounded whereas that of 'Portola' is acute and that of 'Diamante' is obtuse.*

Description:

PLANT: semi-upright growth habit, sparse foliage, weak vigour, day neutral bearing type

STOLON: few, strong anthocyanin colouration, medium density pubescence

LEAF: small to medium size, medium green upper side, medium degree of blistering, medium degree of glossiness, no variegation

TERMINAL LEAFLET: length equal to width, rounded base, crenate margin, concave in cross-section

STIPULE: absent or very weak anthocyanin colouration

PETIOLE: short to medium, upwards attitude of hairs

FLOWERING: begins early

INFLORESCENCE: positioned at same level as foliage, medium number of flowers

PEDICEL: slightly outwards attitude of hairs

FLOWER: medium sized diameter, overlapping petal arrangement, calyx larger than corolla, stamen present

PETAL: length equal to width, white upper side

CALYX: attachment level with fruit, outwards attitude of sepals, diameter same size as fruit, medium strength adherence to fruit

FRUIT: length equal to width, large, ovoid shape, slight difference in shape between terminal fruit and other fruit, medium firmness, medium size cavity, begins ripening early

FRUIT SURFACE: medium red, slightly uneven colour, strong glossiness, strongly uneven, absent or very narrow band without achenes, achenes positioned below surface

FRUIT FLESH: light red, medium red core

Origin and Breeding: 'CIVRH612' originated from a cross conducted between two proprietary parent varieties in May 2011 in San Giuseppe di Comacchio, Ferrara, Italy. 'CIVRH612' was selected in June 2013 based on type of bearing, production characteristics, fruit size, fruit flavour, fruit aroma, fruit shelf life, time of harvest maturity and duration of harvest season.

Tests and Trials: The detailed description of 'CIVRH612' is based on the UPOV report of Technical Examination, application number 2018/2554, purchased from the Community Plant Variety Office in Angers, France. The trials were conducted at the Escaroupim Studies Center - Agricultura, Florestas E Desenvolvimento Rural, in Portugal from 2019 to 2020.



Strawberry: 'CIVRH612'



Strawberry: 'CIVRH612'

Proposed denomination: 'CIVRH621'
Application number: 23-11197
Application date: 2023/02/09
Applicant: C.I.V. Consorzio Italiano Vivaisti Societa Consortile A.R.L., Ferrara, Italy
Agent in Canada: Bereskin & Parr, Toronto, Ontario
Breeder: Michelangelo Leis, Ferrara, FE, Italy
Alessio Martinelli, Ferrara, FE, Italy

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: ‘Portola’ and ‘Diamante’

Summary: *The inflorescence of ‘CIVRH621’ is positioned at the same level as the foliage whereas it is above for those of both reference varieties. The plants of ‘CIVRH621’ have a medium number of stolons whereas those of ‘Diamante’ have many. The leaf of ‘CIVRH621’ has a medium degree of blistering while those of both reference varieties have a strong degree of blistering. The terminal leaflet of ‘CIVRH621’ is moderately longer than wide whereas that of ‘Diamante’ is much longer than it is wide. The base of the terminal leaflet of ‘CIVRH621’ is acute whereas that of ‘Diamante’ is obtuse. The calyx of ‘CIVRH621’ is the same size as the corolla whereas it is larger for that of ‘Diamante’. The achenes of ‘CIVRH621’ are positioned at the same level as the fruit surface whereas those of ‘Portola’ are below the fruit surface. ‘CIVRH621’ begins flowering early in the season whereas ‘Portola’ begins late.*

Description:

PLANT: upright growth habit, sparse density foliage, weak vigour, day neutral bearing type

STOLON: medium number, strong intensity of anthocyanin colouration, medium density pubescence

PETIOLE: short to medium, upwards attitude of hairs

STIPULE: absent or very weak intensity of anthocyanin colouration

LEAF: medium size, medium green upper side, medium degree of blistering, medium degree of glossiness, no variegation

TERMINAL LEAFLET: moderately longer than wide, acute shaped base, crenate margin, straight in cross-section

FLOWERING: begins early

INFLORESCENCE: positioned at same level as foliage, medium number of flowers

PEDICEL: upwards attitude of hairs

FLOWER: medium diameter, overlapping petal arrangement, calyx same size as corolla, stamen present

PETAL: length equal to width, white upper side

CALYX: attachment level with fruit, outwards attitude of sepals, diameter slightly smaller than fruit, medium adherence to fruit

FRUIT: moderately longer than wide, large, conical shape, slight difference in shape between terminal fruit and other fruit, medium firm, absent or small cavity, begins ripening early

FRUIT SURFACE: medium red, slightly uneven colour distribution, strong glossiness, slightly uneven, narrow band without achenes, achenes positioned level with surface

FRUIT FLESH: medium red, medium red core

Origin and Breeding: ‘CIVRH621’ originated from a controlled cross conducted between two proprietary parent varieties in May 2011 in San Giuseppe di Comacchio, Ferrara, Italy. ‘CIVRH621’ was selected in June 2013 based on type of bearing, production characteristics, fruit colour, root system, duration of harvest season and disease resistance.

Tests and Trials: The detailed description of ‘CIVRH621’ is based on the UPOV report of Technical Examination, application number 2018/2555, purchased from the Community Plant Variety Office in Angers, France. The trials were conducted at the Escaroupim Studies Center - Agricultura, Florestas E Desenvolvimento Rural, in Portugal from 2019 to 2020.



Strawberry: 'CIVRH621'



Strawberry: 'CIVRH621'

Proposed denomination:	'DrisStrawNinetyFour'
Trade name:	Lucille
Application number:	22-10916
Application date:	2022/05/12 (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:	Phuong N. Nguyen, Driscoll's, Inc., Watsonville, California, United States of America Michael Ferguson, 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: ‘DrisStrawSixty’ (Pomona) and ‘DrisStrawSeventyEight’ (Veronica)

Summary: *‘DrisStrawNinetyFour’ has absent or very few stolons whereas ‘DrisStrawSixty’ has a medium amount of stolons and ‘DrisStrawSeventyEight’ has medium to many stolons. The fruit of ‘DrisStrawNinetyFour’ is medium to large whereas the fruit of ‘DrisStrawSixty’ is very small to small. The fruit of ‘DrisStrawNinetyFour’ has medium glossiness whereas the fruit of ‘DrisStrawSixty’ has weak glossiness and ‘DrisStrawSeventyEight’ has strong glossiness. ‘DrisStrawNinetyFour’ has fruit with a narrow band without achenes whereas both reference varieties have fruit with an absent or very narrow band without achenes. The fruit of ‘DrisStrawNinetyFour’ is medium firm whereas the fruit of ‘DrisStrawSeventyEight’ is very firm. The fruit of ‘DrisStrawNinetyFour’ has a medium red core whereas both reference varieties have a white core.*

Description:

PLANT: upright growth habit, medium dense foliage, medium vigour, day neutral bearing type

STOLON: absent or very few

PETIOLE: medium to long, horizontal attitude of hairs

STIPULE: weak intensity of anthocyanin colouration

LEAF: medium to large, dark green upper side, medium degree of blistering, absent or weak glossiness on upper side, no variegation

TERMINAL LEAFLET: equal length to width, acute base, serrate and crenate margin, concave in cross-section

FLOWERING: begins mid-season

INFLORESCENCE: positioned at same level as foliage, medium to many flowers

PEDICEL: slightly outwards attitude of hairs

FLOWER: calyx larger than corolla, overlapping petal arrangement, stamen present

PETAL: length equal to width, white upper side

CALYX: inserted attachment, slightly smaller and same size as fruit, outwards attitude of sepals, medium to strong adherence to fruit

FRUIT: begins ripening midseason, length equal to width, medium to large size, cordate shaped, absent to very slight to slight difference in shape between terminal fruit and other fruit, medium firmness, absent or small cavity

FRUIT SURFACE: dark red, even or slightly uneven colour distribution, medium glossiness, slightly uneven, narrow width of band without achenes, achenes positioned level with surface

FRUIT FLESH: orange red, medium red core

Origin and Breeding: ‘DrisStrawNinetyFour’ (Lucille™) originated from a controlled cross between the female parent ‘DrisStrawSixtyNine’ and the male proprietary parent ‘575AC159’ conducted in Watsonville, California, USA in July 2014. The new variety ‘DrisStrawNinetyFour’ was selected in October 2015, in Ventura County, California, USA based on fruit size, vigour, truss length and fruit flavour. Asexual reproduction by stolons was initiated in Shasta County, California in 2015.

Tests and Trials: Trials for ‘DrisStrawNinetyFour’ were conducted in Chilliwack, British Columbia during the 2023 growing season. The plots were transplanted in April 2022 into plastic mulch with drip irrigation. The plots were arranged in a RCB design. Each variety consisted of 3 replicates per variety with 10 plants per replicate for a total of 30 plants of each variety. Plants were spaced approximately 20 centimetres apart across the row in a raised bed, and approximately 30 centimetres apart lengthwise along the row (roughly 10 inches between plants when measuring across the width of the row, and 1 foot between plants on the same side of the bed linearly).



**DrisStrawNinetyFour
(Lucille)**

**DrisStrawSeventyEight
(Veronica)**

**DrisStrawSixty
(Pomona)**

Strawberry: 'DrisStrawNinetyFour' (left) with reference varieties 'DrisStrawSixty' (right) and 'DrisStrawSeventyEight' (center)



**DrisStrawSeventyEight
(Veronica)**

**DrisStrawNinetyFour
(Lucille)**

**DrisStrawSixty
(Pomona)**

Strawberry: 'DrisStrawNinetyFour' (center) with reference varieties 'DrisStrawSixty' (right) and 'DrisStrawSeventyEight' (left)



**DrisStrawSeventyEight
(Veronica)**

**DrisStrawNinetyFour
(Lucille)**

**DrisStrawSixty
(Pomona)**

Strawberry: 'DrisStrawNinetyFour' (center) with reference varieties 'DrisStrawSixty' (right) and 'DrisStrawSeventyEight' (left)