



APPLICATIONS UNDER EXAMINATION

APPLE

APPLE

(*Malus domestica*)

Proposed denomination: '323'
Synonym: CIV323
Application number: 19-9782
Application date: 2019/04/23
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
Francesco Tagliani, Argenta, FE, Italy
Gianfranco Castagnoli, Quingetole, MN, 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.

Description:

TREE: weak vigour, ramified, drooping growth habit, bearing fruit on spurs and long shoots, begin flowering early, late harvest maturity, late to very late eating maturity

ONE-YEAR-OLD SHOOT: thin to medium thickness, short internode, side facing sun is medium brown, medium to dense pubescence on distal half, few lenticels

FLOWER: predominantly medium red at balloon stage, small to medium sized diameter when petals pressed into horizontal position, free arrangement of petals, stigmas positioned above anthers

PETIOLE: medium length, very small to small extent of anthocyanin colouration extending from base

LEAF BLADE: outwards attitude in relation to shoot, short to medium length, narrow, large ratio of length to width, medium intensity of green on upper side, serrate Type 1 incisions of margin along distal half, absent or sparse pubescence on lower side

YOUNG FRUIT: medium extent of anthocyanin over colour

FRUIT: small to medium size, short to medium height, small diameter, medium to large height to diameter ratio, globose shape, moderate degree of ribbing, moderate degree of crowning at calyx end, medium to long sepal

FRUIT SKIN: moderate amount of bloom, moderate amount of greasiness, whitish yellow ground colour, very dark red over colour distributed over a large to very large area in a flushed, striped and mottled pattern, narrow to medium width stripes, medium area of russet around stalk attachment, absent or small area of russet on cheeks, absent or small area of russet around eye basin, medium number of small lenticels

FRUIT STALK: medium length, thin to medium thickness

FRUIT STALK CAVITY: shallow to medium depth, narrow

FRUIT EYE: small to medium size

FRUIT EYE BASIN: shallow, narrow to medium width

FRUIT FLESH: firm to very firm, cream coloured, fully open locules in transverse section

Origin and Breeding: '323' originated from a cross between 'Galaxy' and 'A3-7' made in 1999 in Ferrara, Italy. '323' was selected in August 2004 for production characteristics, flavour, aroma, and sustainability by increasing a tree's natural resistance to scab.

Tests and Trials: The detailed description is based on the UPOV report of Technical Examination, application number 2012/0805, purchased from the Community Plant Variety Office in Angers, France. The trials were conducted by the Bundessortenamt in Wurzen, Germany during 2015 and 2016.



Apple: '323'

Proposed denomination: 'PremA34'
Application number: 20-10160
Application date: 2020/04/28
Applicant: PREVAR LIMITED, Hastings, New Zealand
Agent in Canada: Osler, Hoskin & Harcourt LLP, Ottawa, Ontario
Breeder: Allan White, Havelock North, New Zealand

Description:

TREE: medium vigour, ramified, spreading growth habit, bearing fruit on spurs and long shoots, begins flowering early, mid-season harvest and eating maturity

ONE-YEAR-OLD SHOOT: medium to thick, medium internode length, side facing sun is medium brown, medium density of pubescence on distal half, medium number of lenticels

FLOWER: predominantly light pink at balloon stage, small to large diameter when petals pressed into horizontal position, intermediate arrangement of petals, stigmas positioned at same level of anthers

PETIOLE: short to medium length, large extent of anthocyanin colouration extending from base

LEAF BLADE: outwards attitude in relation to shoot, long, medium to broad, medium ratio of length to width, light to medium intensity of green on upper side, crenate incisions of margin along distal half, medium density of pubescence on lower side

YOUNG FRUIT: small to medium extent of anthocyanin over colour

FRUIT: medium size, medium height, medium diameter, medium to large height to diameter ratio, conic shape, absent or weak degree of ribbing, moderate degree of crowning at calyx end, medium to long sepal

FRUIT SKIN: strong degree of bloom, absent or weak amount of greasiness, yellow ground colour, medium intensity of pink red over colour distributed over a medium to large area in a flushed and mottled pattern, medium area of russet around stalk attachment, absent or small area of russet on cheeks, absent or small area of russet around eye basin, medium to many medium to large sized lenticels

FRUIT STALK: medium to long, medium to thick

FRUIT STALK CAVITY: medium to deep, medium to broad

FRUIT EYE: medium size

FRUIT EYE BASIN: medium to deep, medium width

FRUIT FLESH: medium firmness, cream coloured, closed or slightly open locules in transverse section

Origin and Breeding: ‘PremA34’ originated from a cross between ‘Sciros’ and ‘A038R02T119’ made in 1997 at the New Zealand Institute for Plant and Food Research, in Hawkes Bay, New Zealand. ‘PremA34’ was selected as a seedling in 2003 and was first asexually propagated in 2004. ‘PremA34’ was selected for its appearance, texture, flavour and scab resistance.

Tests and Trials: The detailed description of ‘PremA34’ is based on the UPOV report of Technical Examination, application number 4069562, purchased from the Groupe d’étude et de contrôle des variétés et des semences (GEVES) in Beaucouzé, France. The trials were conducted by GEVES at the Institut national de la recherche agronomique in Beaucouzé, France from 2013 to 2015.



Apple: ‘PremA34’