



APPLICATIONS UNDER EXAMINATION

PEAR

PEAR (*Pyrus*)

Proposed denomination: 'PremP009'
Application number: 20-10327
Application date: 2020/07/31
Applicant: PREVAR LIMITED, Hastings, New Zealand
Agent in Canada: Osler, Hoskin & Harcourt LLP, Ottawa, Ontario
Breeder: Lester Brewer, The New Zealand Institute for Plant and Food Research Ltd., Auckland, New Zealand
Richard Volz, The New Zealand Institute for Plant and Food Research Ltd., Auckland, New Zealand

Description:

TREE: weak to medium vigour, upright growth habit, vegetative bud opening mid-season, flowering begins mid to late season, fruit ripening begins early to mid-season

ONE-YEAR-OLD-SHOOT : medium to long, thick, blackish brown, long internode, many large lenticels, very weak pubescence, very few axillary flower buds

BRANCH: very few spurs

VEGETATIVE BUD: slightly rounded tip, adpressed position in relation to the shoot

PETIOLE: short to medium length

YOUNG LEAF: brown red upper side when newly infolded, very sparse pubescence on lower side

LEAF BLADE: ovate, long, medium width, acute tip, rounded base, serrate margin, large petiole length to leaf blade ratio

INFLORESCENCE: many flowers

PEDICEL: weak pubescence

FLOWER: five or less than five petals, many stamens, self incompatible

PETAL: pink outer side before opening of flower, white inner side when fully open, medium to large, ovate shape, few to medium number of notches

ANTHERS: very dark before opening, pollen present

FRUIT: obovate to almost round shape in longitudinal cross-section, small to medium size, no tendency of cracking, medium to long storage life

SKIN: red brown over colour, dense small to medium number of lenticels

STALK: long, medium to thick, no swelling

STALK CAVITY: shallow, narrow

CALYX: weak persistence

CALYX BASIN: deep, broad

FRUIT CORE: broad spindle-shaped, small core to fruit diameter ratio, medium to many locules, absent or very weak browning

FLESH: yellowish white, medium to firm, coarse texture, weak glassiness of flesh, absent or very weak browning 30 minutes after cut, medium total solids, low acidity, no astringency, medium to high juiciness

SEEDS: medium to large, ovate shape

Origin and Breeding: 'PremP009' originated from a controlled cross between female parent variety 'P128R068T003' (not patented) and male parent variety 'P204R135T058' (not patented) in Havelock, New Zealand in 2001. In 2005, 'PremP009' was selected as a single plant from among a population of resulting seedlings, based on fruit colour, appearance, texture, flavour and shelf life.

Tests and Trials: The detailed description of 'PremP009' is based on the UPOV report of Technical Examination, application number 4069894, purchased from the Groupe d'étude et de contrôle des variétés et des semences in Beaucozéz,

France. The trials were conducted at the Institut national de la recherche agronomique in Beaucouzé, France from 2015 to 2019.



Pear: 'PremP009'



Pear: 'PremP009'

PEAR
(*Pyrus communis*)

Proposed denomination: 'CH 201'
Application number: 20-10324
Application date: 2020/07/23
Applicant: Agroscope Changins-Wädenswil Research Station ACW, Wädenswil, Switzerland
Agent in Canada: Summerland Varieties Corp. (SVC), Summerland, British Columbia
Breeder: Agroscope Changins-Wädenswil Research Station ACW, Wädenswil, Switzerland

Description:

TREE: medium vigour, medium to strong branching, spreading growth habit, vegetative bud opening mid-season, flowering begins mid-season, late consumption maturity

ONE-YEAR-OLD-SHOOT : wavy growth, medium to long internode, medium brown red on sunny side, medium number of lenticels

VEGETATIVE BUD: obtuse apex, markedly held out position in relation to the shoot, medium size of bud support

YOUNG SHOOT: absent or very weak intensity of anthocyanin colouration of growing tip, weak to medium density of pubescence on upper third

PETIOLE: medium length,

STIPULES: medium to long distance from basal attachment of petiole

LEAF BLADE: outwards attitude in relation to shoot, medium length, narrow to medium width, large to very large length/width ratio, right-angled base, right-angled apex, short pointed tip, bluntly serrate margin, medium depth incisions of margin, weak to medium curvature of longitudinal axis

FLOWER BUD: long, located mainly on long shoots

SEPAL: medium to long, spreading attitude in relation to corolla

PETAL: margins touching, medium sized, broad ovate, truncate base, short claw

STIGMA: located above stamens

IMMATURE FRUIT: red-brown sepals in early summer

FRUIT: medium length, medium to large diameter, medium length/diameter ratio, position of maximum diameter slightly towards calyx, medium size, slightly asymmetric in longitudinal cross-section, profile of sides is straight

SKIN: yellow ground colour, medium area of light red over colour, absent or very small relative area of russet located around eye basin, on cheeks and around stalk attachment

STALK: medium to long, medium thickness, medium curvature, straight attitude in relation to axis of the fruit, shallow depth stalk cavity

EYE BASIN (AT HARVEST): erect sepals converging at harvest, medium to deep, narrow to medium width, slightly ribbed, around eye

FLESH: medium to coarse texture, medium to firm, juicy

SEED: elliptic

Origin and Breeding: 'CH 201' originated from a controlled cross between female parent variety 'Harrow Sweet' and male parent variety 'Verdi' in Conthey, Switzerland in 2000. In 2009, 'CH 201' was selected as a single plant from among a population of resulting seedlings, based on disease resistance, eating quality, storage ability, and appearance.

Tests and Trials: The detailed description of 'CH 201' is based on the UPOV report of Technical Examination, application number 4070245, purchased from the Groupe d'étude et de contrôle des variétés et des semences in Beaucouzé, France. The trials were conducted at the Institut national de la recherche agronomique in Beaucouzé, France from 2014 to 2017.



Pear: 'CH 201'



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