



## APPLICATIONS UNDER EXAMINATION

PEAR

### PEAR (*Pyrus communis*)

**Proposed denomination:** 'Celina'  
**Application number:** 21-10745  
**Application date:** 2021/11/12  
**Applicant:** Graminor A.S., Ridabu, Norway  
**Agent in Canada:** Bereskin & Parr, Toronto, Ontario  
**Breeder:** Stein Harald Hjeltnes, Graminor A.S., Leikanger, Norway

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:** medium to strong vigour, medium branching, semi-upright growth habit, begins flowering early to mid-season, early to mid-season maturity for consumption

**ONE YEAR OLD SHOOT:** wavy growth, short to medium internode length, predominantly brown purple on sunny side, medium to many lenticels

**VEGETATIVE BUD:** acute apex, adpressed position in relation to the shoot, medium to large bud support

**YOUNG SHOOT:** weak intensity of anthocyanin colouration of growing tip, dense pubescence on upper third

**LEAF BLADE:** outwards attitude in relation to shoot, long, broad, large length to width ratio, right-angled base, right-angled apex, medium to long pointed tip, bluntly serrate margin on upper half, very shallow to shallow incisions of margin, weak to medium curvature of longitudinal axis

**STIPULES:** long distance from basal attachment of petiole

**PETIOLE:** long to very long

**FLOWER BUD:** long, located mainly on spurs of shoot

**SEPAL:** medium length, spreading attitude in relation to corolla, spreading attitude at harvest

**PETAL:** margins overlapping, large, ovate, cuneate base, medium length claw

**STIGMA:** located above stamens

**IMMATURE FRUIT:** brown sepals in early summer

**FRUIT:** medium to long, medium to large diameter, medium length to diameter ratio, position of maximum diameter slightly towards calyx, medium to large, slightly symmetric in longitudinal cross-section, straight profile of sides

**SKIN:** yellow green ground colour, large to very large area of dark red over colour; absent or very small relative area of russet around eye basin, on cheeks and around stalk attachment

**STALK:** medium to long, thick, medium curvature, oblique attitude in relation to axis of the fruit, absent or very shallow stalk cavity

**EYE BASIN, AT HARVEST:** shallow to medium depth, medium to broad, smooth relief around eye

**FLESH:** medium to coarse texture, medium firmness, juicy

**SEED:** narrow elliptic

**Origin and Breeding:** 'Celina' originated from a cross conducted by the breeder, Stein Harald Hjeltnes, in 1985 in Balsgrnd, Kristianstad, Sweden. The cross was made between the female parent variety 'Voloree de Juillet' and the male parent variety 'Williams', both varieties of *Pyrus communis*. 'Celina' was discovered and selected by the breeder within the progeny in 1997 in Njos, Leikanger, Norway. Selection was based on maturity date, fruit quality, shelf life, fruit appearance and production characteristics.

**Tests and Trials:** The detailed description of 'Celina' is based on the UPOV Report of Technical Examination, application number 20113173, purchased from the Bundessortenamt in Hannover, Germany. The trials were conducted by the Bundessortenamt in Prufstelle Wurzen, Germany from 2014 to 2016.



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