



## APPLICATIONS UNDER EXAMINATION

## PEPPER

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(*Capsicum annuum*)

**Proposed denomination:** 'Masetti'  
**Application number:** 21-10722  
**Application date:** 2021/10/08  
**Applicant:** Rijk Zwaan Zaadteelt en Zaadhandel B.V., De Lier, Netherlands  
**Agent in Canada:** Rijk Zwaan Canada Ltd., Leamington, Ontario  
**Breeder:** Rijk Zwaan Zaadteelt en Zaadhandel B.V., De Lier, Netherlands

**Variety used for comparison:** 'Redline'

**Summary:** *The intensity of anthocyanin colouration on the stem nodes of 'Masetti' is very weak to weak whereas that of 'Redline' is weak. The leaf blade of 'Masetti' has a medium to strong degree of blistering whereas that of 'Redline' has a stronger degree of medium to strong blistering. The stalk cavity of the fruit of 'Masetti' is shallow whereas that of 'Redline' is of shallow to medium depth.*

#### Description:

**SEEDLING:** anthocyanin colouration of hypocotyl present

**PLANT:** medium to tall, no shortened internodes in upper part, medium to long internodes on primary side shoots

**STEM:** medium length, very weak to weak intensity of anthocyanin colouration of nodes, medium density hairiness of nodes

**LEAF BLADE:** long, broad, medium to dark green on upper side, ovate shape, medium to strong degree of undulation of margin, medium to strong degree of blistering, moderately concave profile in cross-section, medium degree of glossiness on upper side

**FLOWERING:** begins mid-season

**PEDUNCLE:** semi-drooping attitude

**FLOWER:** anthocyanin colouration of anther present

**STALK:** medium length, medium to thick

**CALYX:** non enveloping aspect

**FRUIT:** medium to dark green skin before maturity, anthocyanin colouration present before maturity, drooping attitude, short to medium length, broad to very broad diameter, medium length to diameter ratio, square shape in longitudinal section, angular shape in cross-section (at level of placenta), absent or very weak sinuation of pericarp at basal part, absent or very weak sinuation of pericarp excluding basal part, smooth or very slightly wrinkled surface, medium red at maturity, medium degree of glossiness, shallow stalk cavity, moderately depressed apex, shallow interocular grooves, equally three and four locules, medium to thick flesh, no capsaicin in placenta, matures mid-season

**DISEASE REACTIONS:** resistance to *Tobamovirus* pathotypes 0, 1-2 and 1-2-3 present; no resistance to Potato Virus Y pathotypes 0, 1, 1-2 and Tomato Spotted Wilt Virus race P0

**Origin and Breeding:** 'Masetti' (breeder's reference 35-BR1335 RZ) originated from a controlled cross conducted between two proprietary lines in June 2018 in De Lier, Netherlands. From the resulting progeny, the hybrid sweet pepper variety 'Masetti' was selected in the autumn 2019 for its yield, fruit quality and uniformity, strength of the root system and tolerance against powdery mildew caused by *Leveillula taurica*.

**Tests and Trials:** The detailed description of 'Masetti' is based on the UPOV report of Technical Examination, application number PPS2105, purchased from the Naktuinbouw in Roelofarendsveen, Netherlands. The trial was conducted by the Naktuinbouw in Roelofarendsveen, Netherlands in 2021 in two independent trials.



Pepper: 'Masetti'



Pepper: 'Masetti'



Pepper: Reference variety 'Redline'