



## APPLICATIONS UNDER EXAMINATION

## PEPPER

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(*Capsicum annuum*)

**Proposed denomination:** 'Pirro'  
**Application number:** 22-11102  
**Application date:** 2022/10/06  
**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

#### 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, weak intensity of anthocyanin colouration of nodes, medium density hairiness of nodes

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

**FLOWERING:** begins mid-season

**PEDUNCLE:** semi-drooping attitude

**FLOWER:** anthocyanin colouration of anther present

**STALK:** medium to long, 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, small to medium length to diameter ratio, square shape in longitudinal section, circular 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 orange at maturity, medium glossiness, medium depth stalk cavity, moderately depressed apex, shallow to medium depth interocular grooves, predominantly four and more locules, medium to thick flesh, no capsaicin in placenta, matures mid-season

**DISEASE REACTIONS:** resistance to Tobamovirus Tobacco mosaic virus pathotype 0, Tobamovirus Pepper mild mottle virus pathotype 1-2 and 1-2-3, Potato Virus Y pathotypes 0, 1, and 1-2 present, no resistance to Tomato Spotted Wilt Virus race P0

**Origin and Breeding:** 'Pirro' (breeder's reference 35-BO1331 RZ) originated from a controlled cross conducted between two proprietary lines in July 2017 in De Lier, Netherlands. 'Pirro' is a sweet pepper variety suitable for the heated greenhouse production cycle in Canada. From the resulting progeny, the hybrid sweet pepper variety 'Pirro' was selected in August 2018 in Bleiswijk, Netherlands for its fruit set, fruit production, fast colouring, open plant type and strength against fruit deficits.

**Tests and Trials:** The detailed description of 'Pirro' is based on the UPOV report of Technical Examination, application number PPS2104, purchased from the Naktuinbouw in Roelofarendsveen, Netherlands. The trial was conducted by the Naktuinbouw in Roelofarendsveen, Netherlands in 2021.



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