



## APPLICATIONS UNDER EXAMINATION

## CUCUMBER

### CUCUMBER (*Cucumis sativus*)

**Proposed denomination:** 'Telluride'  
**Application number:** 20-10384  
**Application date:** 2020/11/17  
**Applicant:** Seminis Vegetable Seeds, Inc., St. Louis, Missouri, United States of America  
**Agent in Canada:** Bayer CropScience Inc., Ottawa, Ontario  
**Breeder:** Seminis Vegetable Seeds, Inc., St. Louis, Missouri, United States of America

#### Description:

**PLANT:** produces Dutch type fruit, gynoeocious sex expression, predominantly one female flower per node, parthenocarpy present, indeterminate growth type, length of first 15 internodes is medium to long

**COTYLEDON:** no bitterness

**LEAF BLADE:** drooping attitude, long, medium terminal lobe length to blade length ratio, shape of apex of terminal lobe is acute, medium to dark green upper side, medium to strong degree of blistering, absent or weak undulation of margin, very weak to weak dentation of margin

**TIME OF DEVELOPMENT OF FEMALE FLOWERS (WHEN 80% OF PLANTS HAVE AT LEAST ONE FEMALE FLOWER):** mid to late season

**OVARY VESTITURE:** white

**PEDUNCLE:** long

**FRUIT:** long to very long, medium diameter, large length to diameter ratio, medium core diameter in relation to diameter of fruit, round shape in transverse section, shape of stem end is necked, short to medium length of neck, shape of calyx end is obtuse, absent or weak ribs, no sutures, medium degree of creasing, no warts, absent or very short stripes, no dots

**FRUIT VESTITURE:** prickles only type, very sparse prickles, white

**FRUIT SKIN:** dark green ground colour at market stage, very weak to weak glaucosity, yellow ground colour at time of physiological ripening

**DISEASE REACTIONS:** resistance to *Cladosporium cucumerinum* and *Corynespora* blight and Target Leaf Spot (*Corynespora cassiicola*) (Cca) present; moderately resistant to Cucumber Mosaic Virus (CMV) and powdery mildew (*Podosphaera xanthii*) (Px); resistance to Cucumber Vein Yellowing Virus (CVYV) absent

**Origin and Breeding:** 'Telluride' (breeder designation DRCE9601) is a parthenocarpic and gynoeocious long Dutch cucumber with an indeterminate growth habit suited for protected heat culture in North America. It originated from a hand pollinated cross made between Seminis proprietary breeding lines 'EUR-Y317-1052GY' and 'EUR-Y315-3030GY' in 2016 at the Seminis Research Station located in Bergschenhoek, Netherlands. The resulting hybrid, 'Telluride', was selected in 2017 for its yield performance and fruit quality.

**Tests and Trials:** The detailed description of 'Telluride' is based on the UPOV report of Technical Examination, application number KMK1387, purchased from Naktuinbouw in Roelofarendsveen, Netherlands. The trial was conducted by Naktuinbouw in Roelofarendsveen, Netherlands in 2020.



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