



## APPLICATIONS UNDER EXAMINATION

## POINSETTIA

### POINSETTIA (*Euphorbia pulcherrima*)

**Proposed denomination:** 'EURZ0009'  
**Application number:** 18-9591  
**Application date:** 2018/07/27  
**Applicant:** Syngenta Participations AG, Basel, Switzerland  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Ronald Snijder, Syngenta Seeds B.V., Enkhuizen, Netherlands

**Variety used for comparison:** 'SYEP22866'

**Summary:** *The upper third of the stem of 'EURZ0009' has a strong intensity of anthocyanin colouration whereas that of 'SYEP22866' has a medium intensity of anthocyanin colouration. The leaf blade of 'EURZ0009' is of medium width whereas the leaf blade of 'SYEP22866' is narrow. The lower side of the petiole of 'EURZ0009' has a medium intensity of anthocyanin colouration whereas the lower side of the petiole of 'SYEP22866' has a strong intensity of anthocyanin colouration. The upper side of the bracts of 'EURZ0009' are red whereas the upper side of the bracts of 'SYEP22866' are dark purple red to red. The lower side of the bracts of 'EURZ0009' are red to dark purple red whereas the lower side of the bracts of 'SYEP22866' are red to dark pink red.*

#### **Description:**

**PLANT:** few to medium number of branches, short to medium height, medium width

**STEM:** absent or very weak intensity of green colour on middle third, very strong intensity of anthocyanin colouration on middle third, strong intensity of anthocyanin colouration on upper third

**PETIOLE:** medium length, absent or very weak green colour on upper side, strong intensity of anthocyanin colouration on upper side, medium intensity of anthocyanin colouration of lower side

**LEAF BLADE:** medium length, medium width, ovate shape, rounded base, one colour on upper side, strong to very strong intensity of green colour on upper side, only red main vein on upper side, absent or weak curvature of main vein, absent or few lobes, absent or very shallow depth of deepest sinus between lobes

**TRANSITIONAL LEAF:** medium degree of lobing

**PARTLY BRACT-COLOURED TRANSITIONAL LEAF:** medium to many

**FULLY BRACT-COLOURED TRANSITIONAL LEAF:** many, absent or weak curvature along main vein

**BRACT:** few, no folding along main vein, no twisting, weak rugosity between veins

**BRACT (UPPER SIDE):** one colour, red (RHS 45A), no spotting

**BRACT (LOWER SIDE):** red (RHS 45A) to dark purple red (RHS 53B)

**LARGEST BRACT:** short (including petiole), narrow, elliptic shape

**CYATHIA:** opens mid-season

**CYME:** narrow to medium width

**CYATHIA GLAND:** large, orange, no deformation

**Origin and Breeding:** 'EURZ0009' originated from a controlled cross conducted by the breeder, Ronald Snijder, in Enkhuizen, Netherlands in August 2012. The cross was made between the female parent variety 'SYEP22866' and the male parent variety 'NPCW10158'. The resultant seed was sown in July of 2013. A single unique seedling was selected in September of 2013 based on growth habit, branching characteristics, bract colour and inflorescence size.

**Tests and Trials:** The detailed description of 'EURZ0009' is based on the UPOV report of Technical Examination, application number 2017/2746, purchased from the Community Plant Variety Office in Angers, France. The trial was conducted at the University of Aarhus in Aarslev, Denmark in 2018. The colour determinations were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.

**Comparison table for 'EURZ0009'**

	'EURZ0009'	'SYEP22866'*
<i>Colour of bract (RHS)</i>		
upper side	45A	46A/B
lower side	45A/53B	45B/53C

\*reference variety



Poinsettia: 'EURZ0009'



Poinsettia: 'EURZ0009'

**Proposed denomination:** 'EURZ0012'  
**Application number:** 18-9592  
**Application date:** 2017/10/27 (priority claimed)  
**Applicant:** Syngenta Participations AG, Basel, Switzerland  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Ronald Snijder, Syngenta Seeds B.V., Enkhuizen, Netherlands

**Variety used for comparison:** 'NPCW08153'

**Summary:** *The plants of 'EURZ0012' have few to a medium number of branches whereas the plants of 'NPCW08153' have very few to few branches. The middle third of the stem of 'EURZ0012' has a strong to very strong intensity of anthocyanin colouration whereas that of 'NPCW08153' has a medium to strong intensity of anthocyanin colouration. The leaf blade of 'EURZ0012' is of medium width whereas the leaf blade of 'NPCW08153' is narrow. The transitional leaves of 'EURZ0012' have absent or weak lobing whereas those of 'NPCW08153' have a medium degree of lobing. The lower side of the bracts of 'EURZ0012' are red to dark pink red while those of 'NPCW08153' are dark purple red to dark pink red. Between the veins, the bracts of 'EURZ0012' have very weak to weak rugosity whereas the bracts of 'NPCW08153' have a medium degree of rugosity. The cyathium gland for 'EURZ0012' is yellow whereas it is orange for 'NPCW08153'.*

**Description:**

PLANT: few to medium number of branches, short to medium height, medium width

STEM: absent or very weak intensity of green colour on middle third, strong to very strong intensity of anthocyanin colouration on middle third, strong intensity of anthocyanin colouration on upper third

PETIOLE: short to medium length, absent or very weak green colour on upper side, strong intensity of anthocyanin colouration on upper side, medium intensity of anthocyanin colouration of lower side

LEAF BLADE: medium length, medium width, ovate shape, rounded base, one colour on upper side, strong intensity of green colour on upper side, only red main vein on upper side, absent or weak curvature of main vein, absent or few lobes, shallow depth of deepest sinus between lobes

TRANSITIONAL LEAF: absent or weak degree of lobing

PARTLY BRACT-COLOURED TRANSITIONAL LEAF: few to medium

FULLY BRACT-COLOURED TRANSITIONAL LEAF: medium to many, absent or weak curvature along main vein

BRACT: few, no folding along main vein, no twisting, very weak to weak rugosity between veins

BRACT (UPPER SIDE): one colour, red (RHS 45A), no spotting

BRACT (LOWER SIDE): red (RHS 45A) to dark pink red (RHS 53C)

LARGEST BRACT: short (including petiole), narrow, elliptic shape

CYATHIA: opens mid-season

CYME: narrow

CYATHIA GLAND: medium to large, yellow, no deformation

**Origin and Breeding:** 'EURZ0012' originated from a controlled cross conducted by the breeder, Ronald Snijder, in Enkhuizen, Netherlands in September 2012. The cross was made between the female parent, a proprietary seedling designated '13450', and the male parent variety 'NPCW08153'. The resultant seed was sown in July of 2013. A single unique seedling was selected in October of 2013 based on growth habit, branching characteristics, bract colour and inflorescence size.

**Tests and Trials:** The detailed description of 'EURZ0012' is based on the UPOV report of Technical Examination, application number 2017/2745, purchased from the Community Plant Variety Office in Angers, France. The trial was conducted at the University of Aarhus in Aarslev, Denmark, in 2018. The colour determinations were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.

## Comparison table for 'EURZ0012'

	'EURZ0012'	'NPCW08153'*
<i>Colour of bract (RHS)</i>		
lower side	45A/53C	53B/C

\*reference variety



Poinsettia: 'EURZ0012'



Poinsettia: 'EURZ0012'