



APPLICATIONS UNDER EXAMINATION

PETUNIA

**PETUNIA**  
*(Petunia ×hybrida)*

**Proposed denomination:** 'MIPEHR436'  
**Trade name:** Pink Diamond  
**Application number:** 20-10386  
**Application date:** 2020/11/23  
**Applicant:** MIYOSHI & CO., LTD, Tokyo, Japan  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Hirota Ohya, MIYOSHI & CO., LTD, Tokyo, Japan  
 Genya Daido, MIYOSHI & CO., LTD, Tokyo, Japan

**Varieties used for comparison:** 'Dua Rose and White' and 'Rose Pirouette'

**Summary:** *The corolla lobe of 'MIPEHR436' is medium purple red while it is medium purple for that of 'Duo Rose and White' and a darker medium purple red for that of 'Rose Pirouette'. The veins on the corolla lobe of 'MIPEHR436' are of weak to medium conspicuousness while they are of medium to strong conspicuousness for those of both reference varieties.*

**Description:**

PLANT: upright to spreading growth habit, medium height  
SHOOT: medium length

LEAF: medium length, medium width, elliptic, obtuse apex, no variegation, medium green

PEDICEL: medium length, absent or very weak intensity of anthocyanin colouration

CALYX: medium length, narrow

FLOWER: double type, dense, medium width

COROLLA: medium degree of lobing, medium degree of undulation

COROLLA LOBE (INNER SIDE): weak to medium conspicuousness of veins, mainly medium purple red (RHS N57C) when fully opened, medium sized area of white (RHS NN155D) secondary colour at margin, none or very few flowers with different sized area of secondary colour, mainly medium purple red (RHS 61C) when newly opened, medium blue pink (RHS N57D) when aged, cuspidate apex

COROLLA TUBE: white (RHS 157D) on inner side, weak to medium conspicuousness of veins on inner side, light violet (RHS 75C) on outer side

**Origin and Breeding:** 'MIPEHR436' originated from a cross pollination conducted in August 2015 in Nagaizumicho, Shizuoka, Japan. The cross was made between two unpatented proprietary breeding selections coded 'P27-271-1', as the female parent, and 'P27-655-1', as the male parent. From the resulting progeny, the new variety 'MIPEHR436' was discovered and selected as a single flowering plant in August of 2016 based on its plant growth habit, flower colour and garden performance. Asexual propagation of the variety was first conducted through in vitro meristem culture in August 2017.

**Tests and Trials:** The detailed description of 'MIPEHR436' is based on the UPOV report of Technical Examination, application number 33137, purchased from the Plant Variety Protection Office of the Ministry of Agriculture, Forestry and Fisheries in Japan. The trials were conducted by the Nishi-Nihon Station in Ibaraki, Japan in 2020. Colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

**Comparison table for 'MIPEHR436'**

	'MIPEHR436'	'Dua Rose and White'*	'Rose Pirouette'*
<i>Corolla lobe colour (RHS)</i>			
main	N57C	67A	N66B

\*reference varieties



Petunia: 'MIPEHR436'



Petunia: 'MIPEHR436'

---