



APPLICATIONS UNDER EXAMINATION

ASTILBE

ASTILBE
(*Astilbe*)

Proposed denomination: 'Vision in White'
Application number: 06-5683
Application date: 2006/11/30
Applicant: Jan G. Van Veen, Noorden, The Netherlands
Agent in Canada: Variety Rights Management, Oxford Station, Ontario
Breeder: Jan G. Van Veen, Noorden, The Netherlands

Variety used for comparison: 'Deutschland'

Summary: *The terminal leaflet blades of 'Vision in White' are longer than those of 'Deutschland'. The petioles and peduncles of 'Vision in White' have medium anthocyanin colouration while those of 'Deutschland' have weak anthocyanin colouration. 'Vision in White' flowers mid season while 'Deutschland' flowers early season. The panicles of 'Vision in White' are erect while those of 'Deutschland' are erect with a drooping tip.*

Description:

PLANT: vegetatively propagated, perennial type, upright-bushy growth habit, sparse branching

LEAF: alternate and rosette arrangement, biternate, medium number of leaflets

LEAF BLADE: elliptic to ovate, acute to acuminate apex, attenuate base, serrate margin, sparse pubescence on upper and lower sides, weak glaucosity on upper side, dark green on upper side, medium green on lower side, no variegation

PETIOLE: present, medium anthocyanin colouration

PEDUNCLE: present, medium anthocyanin colouration, very sparse to sparse pubescence

FLOWERING: once, mid season, short to medium length period

FLOWER: panicle inflorescence type, terminal position, erect attitude, light green (RHS 145C) unopened bud, white (RHS 155D) when opened

Origin and Breeding: 'Vision in White' was selected at the nursery of Mr. J. G. Van Veen in Noorden, The Netherlands in 2005. The new variety was developed from a direct cross between the Astilbe varieties 'Vision' and 'Dusseldorf' conducted in 2003. The objectives of the breeding program were to create new Astilbe varieties with improved form and floral characteristics.

Tests and Trials: Trials for 'Vision in White' were conducted at Variety Rights Management in Oxford Station, Ontario during the summer of 2010. Twenty plants of each variety were grown in 15 cm pots in a polyhouse. Plants were spaced approximately 50 cm apart. Colour determinations were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Vision in White'

	'Vision in White'	'Deutschland'*
<i>Terminal leaflet blade length (cm)</i>		
mean	6.45	5.43
std. deviation	0.48	0.44

*reference variety



Astilbe: 'Vision in White' (left) with reference variety 'Deutschland' (right)



Astilbe: 'Vision in White' (left) with reference variety 'Deutschland' (right)