

NATIONAL PLANT GERMPLASM REPOSITORY - Corvallis

HISTORICAL INFORMATION SHEET

Printed : 08/03/04

Accession ID : PI 555317
Common Name : Highbush Blueberry

Local No. : CVAC 718.001
Request number: 2004204

TAXONOMY INFORMATION

Name : *Vaccinium corymbosum* L.
Cultivar : Misty
ID Notes : Paul Lyrene cultivar release
Introduced in 1990
Breeder : George M. Darrow
Pedigree : FL67-1 x Avonblue.

ORIGIN INFORMATION

Status : CULTIVAR
Developer : George M. Darrow
Address : BARC
USDA - ARS
City : Beltsville
State : Maryland 20705
Country : USA
Developed :

NOTES: Fruit: large; light blue; scar, firmness, and flavor good. Plant: upright; vigorous; should be interplanted with other southern highbush for pollination; tends to produce excessive flower buds and usually requires winter pruning to reduce flowering potential. Partially to completely evergreen in central Florida. If it defoliates in winter, it may flower long before producing new leaves, in which case it is highly susceptible to stem blight. Chilling requirement about 300 hours. - Brooks and Olmo Register of Fruit and Nut Cultivars. 1997. ASHS Press. p. 183.

'Challenger' name used by Hartman's prior to offic. release. Later released as 'Misty' Fruit: medium to large; light blue. Scar, firmness and flavor good. Plant: upright and vigorous. Should be interplanted with other low-chill highbush cultivars for pollination. Produces large numbers of flower buds and may require summer pruning to promote adequate spring leafing. - Register of New Fruit and Nut Varieties, Brooks and Olmo, ASHS Press 1997.

Early. Bush erect with narrow crown at maturity. Medium to large fruit, very firm, light blue. Excellent flavor

Misty has become the most popular variety in Florida where it is liked for its high yields and consistent quality. Here in the West we find Misty to be quite vigorous, growing very well both on the coast and in the inland heat. The fruit is of exceptional quality and one of the first to ripen. It is normally picked 3-5 times during harvest. Best results are obtained when Misty is pruned heavily to avoid over-cropping. Of particular interest is Misty's tendency to partially flower and fruit in the fall. Little is known of this phenomenon but there may be definite possibilities to harvest a spring and fall crop in areas with warm, extended falls. We recommend Misty for commercial production in areas with chilling as low as 150 hours and all areas with mild winters and hot summers.

Misty. I named it this because I liked the word and because it connotes the light-blue color of the fruit. (per. comm., Paul Lyrene, 11 September 2003).

INVENTORY INFORMATION

Inventory Name: Misty [Challenger]
Secondary ID :
Date Received : 03/02/1990
Verification : UNVERIFIED
Form Stored : PL
Available : YES
Field : 08-15