

Early flowering.

PI 589344. *Malus coronaria* (L.) Miller  
Charlottae. Collected in United States.

The following were developed by Agriculture Canada, Lethbridge Research Station, Lethbridge, Alberta T1J 4B1, Canada. Donated by Dan Thompson, Agriculture Canada, Center for Plant Health, 8801 East Saanich Road, Sidney, British Columbia V8L 1H3, Canada. Received 08/18/1986.

PI 589345. *Malus domestica* Borkh.  
Manitoba Spy. Pedigree - Patten Greening seedling. Intro: 1931.  
Comments:: Fruit: 8-9 cm standard, ark green streaked dull red. Somewhat ribbed. Fair dessert, good cooking, good, keeper. Ripens early Oct.

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PI 589346. *Malus domestica* Borkh.  
Stahls Prinz.

PI 589347. *Malus domestica* Borkh.  
M.4. Collected in United Kingdom.

The following were collected by E. deWolf. Developed by Arnold Arboretum, The Arborway, Jamaica Plain, Massachusetts 02130, United States. Donated by Dan Thompson, Agriculture Canada, Center for Plant Health, 8801 East Saanich Road, Sidney, British Columbia V8L 1H3, Canada. Received 08/18/1986.

PI 589348. *Malus domestica* Borkh.  
Charlotte. Collected 1902 in Unknown. Discovered new Waukegan, Illinois in 1902 by E. deWolf, husband of Charlotte M. deWolf. Pedigree - M. coronario cv. Charlottae type plant. Arnold Arboretum No. 10794 now at Arnold Arboretum grown from scions received in 1920 from Mr. DeWolf. Comments:: Flowers: double (12-18 petals) expanding buds flesh pink, open pale pink, approx 4.8 cm. across. Fruit: dark, green approx. 3 cm.

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PI 589349. *Malus domestica* Borkh.  
Ottawa 5.

The following were developed by S.I. Isaev; Z.I. Ivanova; V.K. Zaets; M.P. Maksomova. Donated by Dan Thompson, Agriculture Canada, Center for Plant Health, 8801 East Saanich Road, Sidney, British Columbia V8L 1H3, Canada. Received 08/18/1986.

PI 589350. *Malus domestica* Borkh.  
Fantazja. Pedigree - Antonovka Obiknovannya x Limonchella.

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