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Northern Plant Novelties for 1946

N.E. Hansen
South Dakota State College

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Horticulture
Pamphlet #34

March 1, 1946

NORTHERN PLANT NOVELTIES FOR 1946

Agricultural Experiment Station
South Dakota State College
Brookings, South Dakota

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#34

Department of Horticulture
South Dakota State College
Northern Plant Novelties
for 1946
Niels E. Hansen

March 1, 1946

This department does not conduct a commercial nursery, but propagates and distributes new varieties, either originated in this department or imported. Improvement in size and quality has been observed each year since 1895 in the many acres of seedling fruits. The work has been honored by extensive propagation and planting of many of the new varieties, all originated or imported by Dr. Niels E. Hansen.

Some of the varieties offered are primarily for other fruit breeders to help in the work of originated hardy fruits.

Terms: Cash with order, except to Experiment Stations. For South Dakota orders, add two percent State Retail Sales Tax. Orders for Scions must be sent as early as possible, not later than April 1, 1946.

Offered for the First Time

1. The Redflesh Winter Crabapple
2. Ruby: a Redflesh Hansen Bush Cherry
3. N. E. Hansen Monarda: A Redflower Perennial.

Redflesh Winter Crabapple

Pedigree: Sasha apple x Redflesh pollen; 1 5/8 inches across; round, early, regular, truncated; color a polished solid red. Flesh very solid, moderately juicy, mild pleasant subacid. An all-the-year keeper; core is closed. Calyx tube wide, cylindrical; stamens marginal; these characters are inherited from the Redflesh crab, the pedigree of which is the Redvein (Pyrus Malus Niedzwetzkyana) x Elk River Minnesota Wild Crab (Pyrus Ioensis). In brief, the Redflesh winter crabapple is three-fourths apple (Pyrus Malus) and one-fourth native American crabapple. Along this line we may expect apples that will keep a year.

A few scions available: \$1.00 per foot.

Ruby: a Redflesh Bushcherry

The usual flesh color of the selected native sandcherry, Prunus Besseyi, known as the Hansen Bush cherry is green. This selection has the usual black color of skin, but the flesh is red. The size is 7/8 inch across; flesh is sweet, and cooks into good quality red sauce. After 50 years of selection and 17 generations, the red flesh is a highly desirable variation, and will very likely supersede quickly the older green-fleshed selections. Bush of upright spreading strong growth and productive, as budded on native plum roots.

Scions only available for early spring. \$1.00 per foot.

A New Hardy Red-Flowered Perennial

The N. E. Hansen Monarda. This is a beautiful red-flowered perennial in bloom the last half of July and early August. It is a hybrid originated in 1932 by pollinating the local form of Horsemint or wild Bergamot with Oswego Beebalm. The Horsemint (Monarda fistulosa) is

found on dry soil and in thickets in Maine and Ontario to Minnesota and the Dakotas, south to Louisiana. The Oswego Beebalm (Monarda didyma) is a native of eastern Canada to Michigan, south to Georgia and is one of the most brilliant of American native flowers, being surpassed in the intensity of its red color only by the Cardinal flower. As planted at this station it winter-killed twice. The N.E. Hansen Monarda combines the great hardiness of sturdy erect habit of M. fistulosa with the brilliant red flowers of M. didyma.

A few plants can be spared for spring. Price, each \$2.00.