

PI 578278. *Triticum aestivum* L., nom. cons.  
Breeding. IDAHO 444; A1818W-P-13. GP-423. Pedigree - Utah  
216c-12-10/Cheyenne/5/PI 476212/4/Burt/3/Rio/Rex// Nebred//6//Utah  
216c-12-10/Cheyenne/5/PI 476212/4/Burt/3/Rio /Rex//Nebred. Hard red  
winter resistant to dwarf bunt (causal organism *Tilletia controversa*),  
and adapted to dryland production conditions of the Pacific Northwest.  
Derived from a 1985 F9 snow mold tolerant plant selection at Tetonia,  
Idaho. Sister line to Blizzard. Distinguishable from Blizzard by its  
high molecular weight glutenin pattern. Significantly better snow mold  
tolerance than Blizzard. Awned, white chaffed having average dryland  
plant height of 28 inches. Carries resistance to Pacific Northwest races  
of stripe rust.

The following were donated by T. Badra, National Horticultural Research  
Institute, (NIHORT), FAO, Ibadan, Oyo, Nigeria. Received 08/23/1985.

PI 578279. *Amaranthus cruentus* L.  
Cultivated. 386; Ames 13457. An African vegetable type.

PI 578280. *Amaranthus cruentus* L.  
Cultivated. NHA /15; Ames 13466. An African vegetable type.

The following were developed by Robert J. Metzger, USDA, ARS, Oregon State  
University, Dept. of Crop Science, Corvallis, Oregon 97331, United States;  
International Maize & Wheat Improvement Center, Apdo. Postal 6-641, Lisboa  
27, Mexico City, Federal District 06600, Mexico; Aegean Regional Agricultural  
Res. Inst., P.O. Box 9, Menemen, Izmir, Turkey; Int. Center for Agricultural  
Research in the Dry Areas, P.O. Box 5466, Aleppo, Syria. Donated by Robert J.  
Metzger, USDA, ARS, Oregon State University, Dept. of Crop Science,  
Corvallis, Oregon 97331, United States. Received 09/05/1989.

PI 578281. *Melilotus albus* Medikus  
Wild. 84TK536-001; W6 698; Ames 14939. Collected 08/12/1984 in Hakkari,  
Turkey. Latitude 37 deg. 40' N. Longitude 44 deg. 10' E.  
Elevation 1830 m. Edge of ungrazed irrigated level  
wheat field, high plateau terrace, loam soil,  
moderate drainage, low stoniness, near Yuksekova,  
21km southeast of Yuksekova Road Junction or 9km  
northwest of Yuksekova, Hakkari Province. One plant collected. Flowers  
white. Not transplanted.

The following were developed by Arnel Hallauer, Iowa State University,  
Department of Agronomy, Ames, Iowa 50011, United States. Received 04/18/1994.

PI 578282. *Zea mays* L. ssp. *mays*  
Breeding. BS30; Iodent. GP-297. Pedigree - Developed by intermating 19  
Iodent inbred lines including I159(A), I159, I173(A), I197, I198, I205,  
I211, I222(A2), I223(A), I224(A1), I225(A1), I234, I238, I242(A2), I253,  
I254, I261(A), I262, and I267. Nineteen lines developed from the Iodent  
open-pollinated variety with initial selfing made in 1922. Some lines  
used in double-cross hybrids produced in 1930s and 1940s. Plants  
vigorous. Kernels yellow dent. Ears large, girthy.

The following were developed by K. B. Singh, Int. Center For Agricultural  
Research in the Dry Areas, P.O. Box 5466, Aleppo, Syria; C.L.L. Gowda, Int.  
Crops Res. Inst. for the Semi-Arid Tropics, Patancheru, Andhra Pradesh 502  
324, India; Onkar Singh, Int. Crops Res. Inst. for the Semi-Arid Tropics,  
Legumes Program, Patancheru, Andhra Pradesh 502 324, India; S.C. Sethi; B.V.  
Rao. Received 04/18/1994.