

PI 533625. *Medicago sativa* L. FABACEAE Alfalfa

**Donated by:** Woodward, W.T.W, Pioneer Hi-Bred International, Inc., P.O. Box 287, Johnston, Iowa, United States. **remarks:** Developed by Pioneer Hi-Bred International, Inc. and released 24 February, 1989. Received June 30, 1989.

**donor id:** 83CR252. **origin:** United States. **cultivar:** 5364. **pedigree:** Fifteen-clone synthetic using *M. falcata*, Ladak, *M. varia*, Turkish, Flemish, Chilean, and Peruvian varieties. **other id:** CV-162. **group:** CSR-ALFALFA. **other id:** XAR64. **other id:** YAR64. **remarks:** Cultivar with high resistance to spotted alfalfa aphid and pea aphid biotypes. Fall dormancy similar to Saranac. Moderate resistance to anthracnose, *Verticillium* wilt, *Phytophthora* root rot. Flowers 98% purple, 2% variegated, and traces of yellow, cream, and white. **disease resistance:** Bacterial wilt, *Fusarium* wilt. **insect resistance:** Pea aphid, IA biotypes; spotted alfalfa aphid, CA biotypes. **nematode resistance:** Stem nematode (*Ditylenchus dipsaci*). Perennial. Cultivar. Seed.

PI 533626 to 533628. *Zea mays* L. POACEAE Corn

**Donated by:** Cross, H.Z., Dept. of Crop and Weed Sciences, North Dakota State University., Fargo, North Dakota, United States. **remarks:** Developed by the Agricultural Experiment Station, North Dakota State University, Fargo and released in March, 1989. Received June 30, 1989.

- \* PI 533626 *Zea mays* L. subsp. *mays* POACEAE Maize  
**origin:** United States. **cultivar:** NDSAB(MS)C8. **pedigree:** Yellow dent synthetic from 5 cycles of mass selection of NDSAB. **other id:** GP-208. **group:** CSR-MAIZE. **locality:** Guadalajara. **remarks:** Grain yield increase of 14.5% over earlier NDSAB lines. Harvest moisture and lodging same as NDSAB. Good source population for high yielding, very early hybrids. Annual. Breeding Material. Seed.
- \* PI 533627 *Zea mays* L. subsp. *mays* POACEAE Maize  
**origin:** United States. **cultivar:** NDSB(MS)C8(LM)C3. **pedigree:** Yellow-dent-endosperm synthetic from 3 cycles of NDSB(MS)C8. **other id:** GP-209. **group:** CSR-MAIZE. **locality:** Guadalajara. **remarks:** Grain yield and stalk lodging similar to NDSB(MS)C8. Maturity earlier. Ear moisture content lower over eight environments. Good production source population for early hybrids. Annual. Breeding Material. Seed.