

PI 518550. *Hordeum vulgare* L. POACEAE Barley

Donated by: Sammons, D.J., Dept. of Agronomy, University of Maryland, H.J. Patterson Hall, College Park, Maryland, United States. Received March 28, 1988.

donor id: MD 75444-4. **origin:** United States. **cultivar:** PREAMBLE. **pedigree:** HARRISON/PG5-119-8A7. **other id:** CV-214. **group:** CSR-BARLEY. **remarks:** Plants six-rowed, 95cm tall, feed type. Maturity mid-season. Awnless. Glumes cream to white at maturity. Kernels typical with tightly adhering glumes and sharply pointed beaks. Yield high. Test weight good. Straw strength and winter hardiness excellent. Adapted to Maryland and the Middle Atlantic Region. Cultivar. Seed.

PI 518551 to 518555. *Triticum aestivum* L. POACEAE Common wheat

Donated by: Sunderman, D.W., Plant, Soil & Ent. Sciences Department, University of Idaho, Moscow, Idaho, United States. Received March 02, 1988.

PI 518551 **donor id:** ID0266. **origin:** United States. **pedigree:** ID0046/ID053//Fieldwin. **remarks:** Plant height and straw strength intermediate. Awned. Chaff white. Soft, white type. Acceptable milling and pastry quality. Moderately susceptible to leaf rust. **disease resistance:** Stripe rust. Moderate to Septoria. Spring Annual. Breeding Material. Seed.

PI 518552 **donor id:** ID0271. **origin:** United States. **pedigree:** Borah/3/II-60-101//Tzpp Sonora 64/4/ID0042//Sonora 64/II-60-155. **remarks:** Plant height intermediate. Chaff white. Hard, red type. Satisfactory milling and baking quality. Susceptible to powdery mildew. **disease resistance:** Stripe rust. Moderate to Septoria. Spring Annual. Breeding Material. Seed.

PI 518553 **donor id:** ID0301. **origin:** United States. **pedigree:** Heglar/ID5006/4//II-60-156/CI 14107//Itana/3/2*Cheyenne/PI 178383. **remarks:** Plant height and straw strength intermediate. Awned. Chaff brown. Hard, red type. Protein content moderately low. Fair milling and baking quality. Susceptible to dwarf and common bunts. **disease resistance:** Stripe rust. Winter Annual. Breeding Material. Seed.

PI 518554 **donor id:** ID0302. **origin:** United States. **pedigree:** Arbon/3/Delmar/Columbia//Burt/PI 178383. **remarks:** Plant height and straw strength intermediate. Awned. Chaff brown. Hard, red type. Poor bread crumb score. **disease resistance:** Pacific Northwest races of stripe rust and dwarf bunt. Winter Annual. Breeding Material. Seed.