

PI 546362-continued

origin: Canada. **origin institute:** Swift Current Res. Sta., Agriculture Canada, Swift Current, Saskatchewan S9H 3X2. **cultivar:** DT369. **pedigree:** Wascana/Quilafen. (Wascana = Lakota/2* Pelissier and Quilafen introduction from Chile). **other id:** 7267-90D2H. **other id:** GP-329. **source:** Crop Sci. 31(6):1717 1991. **group:** CSR-WHEAT. **remarks:** Semi-dwarf. High yielding in brown soil zone of Saskatchewan. Resistant to *P. recondita*, *P. graminis*, *Tilletia laevis*, *T. caries* and *Ustilago tritici*. Moderately susceptible to *Pyrenophora tritici-repentis*. Moderately resistant to *Cochliobolus sativus* and *Septoria* sp. *Semonlina* and cooking quality very good. Gluten very strong. Pigment level good. Protein slightly low. Pigment loss in processing. Spring Annual. Breeding Material. Seed.

PI 546363. *Avena sativa* L. POACEAE Spring oat

Donated by: Kibite, S., Lacombe Res. Sta. -- Agriculture Canada, Bag Service 5000, Lacombe, Alberta, Canada. **remarks:** Oat Genetic Stock LAO-456-MUT-01. Received January 02, 1991.

origin: Canada. **origin institute:** Lacombe Res. Stn. -- Agriculture Canada, Bag Service 5000, Lacombe, Alberta. **cultivar:** LAO-456-MUT-01. **pedigree:** Spontaneous mutant from OT745/Tibor, F2. **other id:** Monster oat. **other id:** GS-1. **source:** Crop Sci. 31(5):1398 1991. **group:** CSR-OAT. **remarks:** Panicles drooping and proliferous. Rachis very long. Pedicels extended. Peduncle twisted. Leaves very long, wide, thick. Tillering restricted. Bio-mass yield high. Grows 50-80cm taller and matures 40-45 days later than normal oats. Monster trait conditioned by single recessive gene designated as *gi-3* gene. Spring Annual. Genetic Material. Seed.

PI 546364. *Oryza sativa* L. POACEAE Rice

Donated by: Bollich, C., Agricultural Research Service -- USDA, Rt. 7, Box 999, Beaumont, Texas, United States. Received January 02, 1991.