

PI 566815 to 566816-continued

PI 566816 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Washington State University, Pullman, Washington 99164 United States. **origin institute id:** WA 7671. **pedigree:** VPM/MS 421//VH66354/WA5827/WA6241/3/2*Hill 81. **other id:** A8934. **other id:** A9067. **remarks:** 1 gene semidwarf, soft winter common. Spikes awned, oblong. Heterogeneous for white & brown glumes. Kernels white. Yield equal to Stephens & 3% < Madsen. Midseason heading date. Straw strength equal to Madsen, > Nugaines. Plant ht. 10% > Stephens. Coldhardiness > Stephens but < Nugaines. High resist. to *P. herpotrichoides* having Pchl gene. Intermediate resist. to leaf rust, powdery mildew. Suscept. to stem rust. High field resist. to stripe rust. Quality equal Madsen in flour yield, milling score, absorption, viscosity. Superior to Madsen in cookie diam., cake volume, AWRC & softness. Winter Annual. Breeding Material. Seed.

PI 566817. *Dactylis glomerata* L. POACEAE Orchardgrass

Donated by: Kalton, R.R., Land O'Lakes, Inc., 1025 190th Street, Webster City, Iowa 50595, United States. **remarks:** DAWN ORCHARDGRASS. Received March 26, 1993.

origin: United States. **developed:** R.R. Kalton, P. Richardson. **origin institute:** Land O'Lakes, Inc., 1025 190th Street, Webster City, Iowa 50595 United States. **cultivar:** DAWN. **pedigree:** 8-parental clones stemmed from PI 315425 (3), 325302 (1), 315417 (1), and Jackson (3). Original selections made in 2,000 plant source nursery, then put into polycross nurseries. **other id:** Exp. No. DS7. **other id:** W6 11517. **group:** W6. **other id:** CV-13. **group:** CSR-ORCHARDGRASS. **restricted:** CSR. **remarks:** Maturity 3-4 days later than check varieties, Sterling, Hallmark, Benchmark & Potomac in Iowa, Missouri & Wisconsin. Up to 12-17 days later than checks and 5-7 days later than Pennlate in Willamette Valley of Oregon. Hardier than checks. Rust resistance greater than checks and Latar. Moderately resistant to *Scolecotrichum* leaf scotch. Digestibility 2-3% above Sterling and similar varieties in several traits. Seed yield similar to checks in Oregon trials. Perennial. Cultivar. Seed.