

donor id: Normarc N-86. **origin:** United States.
cultivar: PINNACLE. **pedigree:** Advanced generation
synthetic selected from maternal progenies of 14 clones.
other id: CV-123. **group:** CSR-OTHER GRASSES. **other id:**
PVP No. 8800238 (Application). **remarks:** Plants leafy,
persistant, moderately dense, low growing, fine textured,
bright dark green with reduced vertical growth rate,
requiring less nitrogen and improved mowing qualities.
Heat tolerance good. Excellent wear tolerance and
recuperative abilities, produces little thatch and has
moderate shade tolerance. Suitable where perennial
ryegrass well adapted. Moderately susceptible to races of
stem rust. **disease resistance:** Many races of crown rust
(Puccinia coronata). Brown patch (Rhizoctonia solani).
Winter net blotch (Drechslera dictyoides). Perennial.
Cultivar. Seed.

PI 531230. Festuca arundinacea Schreber POACEAE Tall fescue

Donated by: Bailey, R.H., Bailey Seed, 2700 - 19th Street, S.E., No. 1, Salem, Oregon, United States. **remarks:** Developed and released in August 1977 by Jacklin Seed Co., Post Falls, Idaho and Jonathan Green and Sons, Inc., Farmingdale, New Jersey. Received April 10, 1989.

donor id: Jacklin DB-1. **origin:** United States.
cultivar: MESA. **pedigree:** Synthetic selected from
progenies of 8 clones originating from Georgia, Idaho,
New Jersey and Pennsylvania and 'Rebel' followed by
intercrossing clones with the best combining ability.
other id: CV-38. **group:** CSR-FESCUE. **other id:** DBC.
other id: PVP 8800082. **source:** Certificate in force.
group: PVPO. **remarks:** Plants leafy, persistant, medium
density and texture with rich dark green color and
upright growth habit. Moderate tolerance to close mowing.
Adapted to growing areas in full sun to moderate shade.
disease resistance: Medium-good to Net blotch, large
brown patch. **cold tolerance:** New Jersey conditions.
drought tolerance: Good. Perennial. Cultivar. Seed.

PI 531231. Sorghum bicolor (L.) Moench POACEAE Sorghum

Donated by: Duncan, R.R., Dept. of Agronomy, University of Georgia Agr. Exp. Station, Griffin, Georgia, United States. **remarks:** Released by the University of Georgia Agric. Exp. Station, and the USDA-ARS Tropical Agric. Research Station, March 1988. Received April 10, 1989.