

PI 549112-continued

origin: United States. **origin institute:** Iowa Agr. and Home Econ. Exp. Station, Iowa State University, Ames, Iowa 50011. **cultivar:** A20. **pedigree:** BSR 101/CN210, F3. **other id:** GP-126. **source:** Crop Sci. 31(6):1713 1991. **group:** CSR-SOYBEAN. **remarks:** Maturity Group I. Flowers purple. Pubescence gray. Pods tan at maturity. Seeds shiny yellow with buff hila. Seed yield 2540 kg ha⁻¹. Lodging resistance good. Plant height 86cm. Seed weight 166 mg seed⁻¹. Seed protein 334g kg⁻¹. Seed oil 179g kg⁻¹. Seed quality good. Moderate resistance to Fe-deficiency chlorosis on calcareous soil. Resistance to brown stem rot (*Phialophora gregate*) and soybean cyst. Annual. Breeding Material. Seed.

PI 549113. *Avena sativa* L. POACEAE Common oat

Donated by: Bruckner, P.L., Georgia Agr. Exp. Sta., University of Georgia, Tifton, Georgia, United States. **remarks:** GA-Mitchell Oat. Received April 15, 1991.

origin: United States. **origin institute:** Georgia Agr. Exp. Sta, University of Georgia, Tifton, Georgia 31793. **cultivar:** GA-MITCHELL. **pedigree:** Coker 234/CMB-3/3/Coker 70-12/Coker 70-14//NC 2469-2. **other id:** CV-335. **source:** Crop Sci. 31(6):1707 1991. **group:** CSR-OAT. **remarks:** High-yielding. Maturity medium. Semi-dwarf with stiff straw. Lodging resistance excellent. Moderately resistant to *Puccinia coronada*. Moderately susceptible to barley yellow dwarf virus, *Erysiphe graminis* and *P. graminis*. Low vernalization requirement. Cold tolerance low. Winter Annual. Cultivar. Seed.

PI 549114. *Oryza sativa* L. POACEAE Rice

Donated by: Moldenhauer, K.A.K., Arkansas Agr. Exp. Sta., University of Arkansas, Stuttgart, Arkansas, United States; and Agricultural Research Service -- USDA. **remarks:** Orion. Received April 15, 1991.

origin: United States. **origin institute:** Arkansas Agr. Exp. Sta., University of Arkansas, Stuttgart, Arkansas 72160. **cultivar:** ORION. **pedigree:** Brazos/Mars. **other id:** RU8801121. **other id:** CV-87. **group:** CSR-RICE. **remarks:** Grain medium. Maturity approx. 134 days. Plants 104cm tall, dark green with erect flag leaves. Glabrous lemma, palea, and leaf blades. Grains may have straw to colorless apiculi and occasional tip awns at maturity. Hulls straw colored. Seedcoat light brown. Endosperm nonaromatic, nonglutinous. Milling yields are 64% whole kernel; 71% total milled. Rates 5 for *Rhizoctonia solani*. Spring Annual. Cultivar. Seed.