

PI 559364 to 559366-continued

PI 559366 **origin:** United States. **developed:** T.C. Elden, R.L. Bernard, M. Kogan, C.G. Helm, L.W. Bledsoe. **origin institute:** Agricultural Research Service -- USDA, Bldg. 467, BARC-East, Beltsville, Maryland 20705 United States. **cultivar:** L86K-96. **pedigree:** Williams 82 X L76-0279 (Williams X PI 229358). **other id:** GP-140. **source:** Crop Sci. 32(4):1082 1992. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Group III maturity line with resistance to Mexican bean beetle (*Epilachna varivestis* Mulsant), and other foliar feeding insect pests. Stems indeterminate, pubescence normal erect. Flowers white. Pods tan. Seed yellow, hila black, pubescence brown. Seed quality good with 40.0% protein and 19.4% oil. Seed size 12.4g per 100 seed. Average plant height 127cm. Spring Annual. Breeding Material. Seed.

PI 559367. *Linum usitatissimum* L. LINACEAE Flax

Donated by: Putnam, D.H., Minnesota Agr. Exp. Sta., University of Minnesota, St. Paul, Minnesota 55108, United States; and Agricultural Research Service -- USDA. **remarks:** Verne Flax. Received December 20, 1991.

origin: United States. **developed:** V.E. Comstock, D. Putnam. **origin institute:** Minnesota Agr. Exp. Sta., Dept. of Agronomy and Plant Genetics, University of Minnesota, St. Paul, Minnesota 55108 United States. **cultivar:** VERNE. **pedigree:** Culbert / Hioil 5017. **other id:** CV-42. **source:** Crop Sci. 32(4):1065 1992. **group:** CSR-FLAX. **other id:** CI 2938. **restricted:** CSR. **remarks:** Contains the L6 gene which conditions resistance to all known North American races of rust (*Melampsora lini*). Resistance high to wilt (*Fusarium oxysporum*). Resistance moderate to pasmo (*Mycosphaerella linicola*). Flowers early (56 d from planting to full bloom). Matures early. Height medium (56-60cm). Resistant to lodging. Oil content high. Iodine value medium. Flowers blue, intermediate-small. Seeds brown. Seed size average (5 g/1,000 seeds). Adapted to the north central region of the United States. Cultivar. Seed.

PI 559368. *Avena sativa* L. POACEAE Common oat

Donated by: Barnett, R.D., University of Florida, Agric. Res. & Ed. Ctr., Rt. 3, Box 638, Quincy, Florida 32351, United States. Received 1991.