

PI 564789 to 564822-continued

PI 564821 **origin:** United States. **developed:** M.F. Kolding. **origin institute:** Oregon Agric. Exp. Station, Columbia Basin AREC, Pendleton, Oregon United States. **origin institute id:** Border 1F-7004-O. **pedigree:** Plant selected from a 1983 F-3 bulk population grown near Flora, Oregon. **remarks:** Mid-tall, mid-season, winter. Spike Oblong, awnleted, awns tend to dehisce, lax. Glume bronze, glabrous, mid-long, mid-wide. Shoulder mid-wide, oblique. Beak mid-wide, acuminate. Kernel white, soft, mid-long, elliptical. Germ medium. Crease wide, deep. Cheek angular. Brush large, long. Resistant to *Tilletia controversa* race 23 tested as R90-979, and endemic races near Flora, OR. Winter Annual. Breeding Material. Seed.

PI 564822 **origin:** United States. **developed:** M.F. Kolding. **origin institute:** Oregon Agric. Exp. Station, Columbia Basin AREC, Pendleton, Oregon United States. **origin institute id:** Border 1F-7005-P. **pedigree:** Plant selected from a 1983 F-3 bulk population grown near Flora, Oregon. **remarks:** Mid-tall, mid-season, winter. Spikes various, white/bronze. Kernels soft, white, mid-long, elliptical. Germ mid-size to large. Crease deep. Cheeks angular. Brush large, long. Susceptible to fusariums. Resistance to *Tilletia controversa* race 23 tested as R90-983, and to endemic races near Flora, OR. Winter Annual. Breeding Material. Seed.

PI 564823. *Alcea rosea* L. MALVACEAE

Donated by: Research Institute of Ecology and Botany, Hungarian Academy of Sciences, Botanical Garden, Vacratot, Hungary. Received April 18, 1988.

donor id: #2343. **origin:** Hungary. **other id:** Ames 8353. **source:** NC-7. **group:** Ames. Biennial. Cultivated. Seed.

PI 564824. *Alcea rugosa* Alef. MALVACEAE

Donated by: Andreev, L.N., Hortus Botanicus Principalis, Academiae Scientiarum USSR, Moscow 127276, Russian Federation. Received January 16, 1989.

donor id: #1129C. **origin:** Russian Federation. **other id:** Ames 10097. **source:** NC-7. **group:** Ames. Biennial. Cultivated. Seed.