

PI 559707 to 559716-continued

PI 559712 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Sta., Pullman, Washington United States. **origin institute id:** 90456ARS. **pedigree:** Tres / / / CI13253 / 5*Omar / / Ministre / 2*Omar (F2 derived, F7 line). **remarks:** A component of Rely multiline. Awnless. Glume white. Spike club-Rht2 semidwarf. Kernels white soft, ovate to oval, germ small, crease midwide, cheeks rounded. Maturity mid-season. Kernel wt. 37.3mg or 0.4% > than Rely. Uniformly resistant to stripe rust races CDL 1, 25, 27, 29. Mixed for resistance to CDL 40, 43. Moderate field resistance to leaf rust. Intermediate resistance to powdery mildew. Winter Annual. Breeding Material. Seed.

PI 559713 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Sta., Pullman, Washington United States. **origin institute id:** 90457ARS. **pedigree:** Tres / / / Suwon 92 / 6*Omar / / Druchamp / 2*Omar (F2 derived, F7 line). **remarks:** A component of Rely multiline. Awnless. Glume white. Spike club-Rht2 semidwarf. Kernels white soft, ovate to oval, germ small, crease midwide, cheeks rounded. Maturity mid-season. Kernel wt. 35.7mg or 4.0% < than Rely. Uniformly resistant to stripe rust races CDL 1, 25, 27, 29. Mixed resistance to CDL 40. Susceptible to CDL 43. Intermediate field resistance to leaf rust. Resistant to powdery mildew. Winter Annual. Breeding Material. Seed.

PI 559714 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Sta., Pullman, Washington United States. **origin institute id:** 90458ARS. **pedigree:** Tres / / / Suwon 92 / 6*Omar / / Sel 2629 / 2*Omar (F2 derived, F7 line). **remarks:** A component of Rely multiline. Awnless. Glume white. Spike club-Rht2 semidwarf. Kernels white soft, ovate to oval, germ small, crease midwide, cheeks rounded. Maturity mid-season. Kernel wt. 37.2mg or 0.1% > than Rely. Resistant or intermediate to stripe rust races CDL 1, 27, 29, 40, 43. Mixed resistance to CDL 25. Intermediate field resistance to leaf rust. Resistant to powdery mildew. Winter Annual. Breeding Material. Seed.