

- PI 564792 **origin:** United States. **developed:** M.F. Kolding. **origin institute:** Oregon Agric. Exp. Station, Columbia Basin AREC, Pendleton, Oregon United States. **origin institute id:** FW771595-G306. **pedigree:** OR67109/Froid/2/Pullman Sel. 101/FW71002. **remarks:** Mid-season, medium height, winter Spike awned, lax, oblong. Glume cream, glabrous, long, wide. Shoulder narrow, elevated. Beak narrow, acuminate, 2-8mm long. Kernel soft, cream to light brown, mid-short, elliptical. Germ large. Crease narrow, mid-deep. Cheeks rounded. Brush large, mid-long. Fair milling quality. Excellent tolerance to BYDV and root diseases. High grain yields. Winter Annual. Breeding Material. Seed.
- PI 564793 **origin:** United States. **developed:** M.F. Kolding. **origin institute:** Oregon Agric. Exp. Station, Columbia Basin AREC, Pendleton, Oregon United States. **origin institute id:** FW771697-G19. **pedigree:** Cama/Jade Jubilee-Gabu/2/FW-127. **remarks:** Mid-season, medium height, winter. Spike awned, lax, inclined. Glume white, glabrous. Kernel soft, white, elliptical. Germ small. Crease mid-wide, mid-deep. Cheeks rounded. Brush mid-size, short. Excellent tolerance to BYDV and root-rots in sandy soil-irrigated complex in Columbia Basin. Winter Annual. Breeding Material. Seed.
- PI 564794 **origin:** United States. **developed:** M.F. Kolding. **origin institute:** Oregon Agric. Exp. Station, Columbia Basin AREC, Pendleton, Oregon United States. **origin institute id:** FW80070-F6003. **pedigree:** Luke*2/PI 178210/Stephens. **remarks:** Mid-tall, mid-late, winter. Spike awned, lax. Glume white, mid-long, narrow. Shoulder narrow to wanting, square. Beak narrow, acuminate to 4mm. Awn white. Kernel white, semi-hard, mid-long, elliptical. Germ small. Crease wide, mid-deep. Cheek rounded. Brush mid-size, short. Resistant to endemic *Tilletia controversa* near Flora OR. Good winter survival under snow. Cold-hardiness moderate. Very good test-weight. Quality good, cake volume low. Winter Annual. Breeding Material. Seed.