

- PI 574582 **donor id:** FS77711F-003. **origin:** United States.  
**developed:** M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** BJ-94/CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 9.86%. Crude fat 2.09%. Crude fiber 2.41%. Ash 1.71%. Nitrogen free extract 83.93%. Total digestible nutrients 86.23% dry weight basis. Cool tolerance 5 (1-9, 1= very tolerant). Height 100cm. Kernel color 1 (1=white...4=brown). Kernel size 4 (1= small...9=very large). No lodging observed. Maturity 3 (1=early...9=very late). Breeding Material. Seed.
- PI 574583 **donor id:** FS77711F-004. **origin:** United States.  
**developed:** M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** BJ-94/CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 9.73%. Crude fat 2.40%. Crude fiber 2.33%. Ash 2.51%. Nitrogen free extract 83.93%. Total digestible nutrients 86.23% dry weight basis. Cool tolerance 3 (1-9, 1= very tolerant). Height 90cm. Kernel color 1 (1=white...4=brown). Kernel size 4 (1= small...9=very large). No lodging observed. Maturity 4 (1=early...9=very late). Breeding Material. Seed.
- PI 574584 **donor id:** FS77717D-001. **origin:** United States.  
**developed:** M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** CT-Union-BJ-238/CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 10.94%. Crude fat 2.06%. Crude fiber 3.49%. Ash 2.20%. Nitrogen free extract 81.31%. Total digestible nutrients 85.59% dry weight basis. Cool tolerance 3 (1-9, 1= very tolerant). Height 115cm. Kernel color 1 (1=white...4=brown). Kernel size 5 (1= small...9=very large). No lodging observed. Maturity 3 (1=early...9=very late). Breeding Material. Seed.