

PI 574579 **donor id:** FS77711E-001. **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 11.64%. Crude fat 1.95%. Crude fiber 2.27%. Ash 1.26%. Nitrogen free extract 82.88%. Total digestible nutrients 86.03% dry weight basis. Cool tolerance 4 (1-9, 1= very tolerant). Height 95cm. Kernel color 1 (1=white...4=brown). Kernel size 4 (1= small...9=very large). No lodging observed. Maturity 6 (1=early...9=very late). Breeding Material. Seed.

PI 574580 **donor id:** FS77711F-001. **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 10.43%. Crude fat 2.69%. Crude fiber 2.73%. Ash 1.79%. Nitrogen free extract 82.36%. Total digestible nutrients 86.39% dry weight basis. Cool tolerance 3 (1-9, 1= very tolerant). Height 85cm. Kernel color 1 (1=white...4=brown). Kernel size 4 (1= small...9=very large). No lodging observed. Maturity 2 (1=early...9=very late). Breeding Material. Seed.

PI 574581 **donor id:** FS77711F-002. **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 10.56%. Crude fat 2.53%. Crude fiber 2.34%. Ash 1.04%. Nitrogen free extract 83.53%. Total digestible nutrients 86.88% dry weight basis. Cool tolerance 3 (1-9, 1= very tolerant). Height 95cm. Kernel color 1 (1=white...4=brown). Kernel size 4 (1= small...9=very large). No lodging observed. Maturity 5 (1=early...9=very late). Breeding Material. Seed.