

PI 573081 to 573095-continued

- PI 573084 **origin:** United States. **developed:** R.T. Ramage. **origin institute:** USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719 United States. **origin institute id:** 93-Ma-68132. **cultivar:** CC XLVI-D. **pedigree:** Male sterile winter habit plants/CC XXXII. **remarks:** Cold tolerant spring composite cross. Spring-habit plants with cold tolerance selected from winter composite cross, CC XLVI-A. Breeding Material. Seed.
- PI 573085 **origin:** United States. **developed:** R.T. Ramage. **origin institute:** USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719 United States. **origin institute id:** 93-Ma-68111-CTS. **cultivar:** CC XLVI-E. **pedigree:** Male sterile winter habit plants/CC XXXII. **remarks:** Bulk of cold tolerant spring selections from cold tolerant spring composite cross, CC XLVI-D. Spring-habit plants with cold tolerance selected from winter composite cross, CC XLVI-A. Breeding Material. Seed.
- PI 573086 **origin:** United States. **developed:** R.T. Ramage. **origin institute:** USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719 United States. **origin institute id:** 93-Ma-62242. **cultivar:** CC XXXII. **pedigree:** Nine related male sterile facilitated recurrent selection populations which were selected for short straw were combined. **other id:** CC XXXII-93. **remarks:** Short straw composite cross. Breeding Material. Seed.
- PI 573087 **origin:** United States. **developed:** R.T. Ramage. **origin institute:** USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719 United States. **origin institute id:** 93-Ma-62244. **cultivar:** CC XXXII-DISEASE RESISTANT. **pedigree:** Nine related male sterile facilitated recurrent selection populations which were selected for short straw were combined. **remarks:** Resulting from selection for resistance to powdery mildew, net blotch, scald, BYDV, and leaf rust in California over a number of years. Breeding Material. Seed.
- PI 573088 **origin:** United States. **developed:** R.T. Ramage. **origin institute:** USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719 United States. **origin institute id:** 93-Ma-62246. **cultivar:** CC XXXII-E. **pedigree:** Nine related male sterile facilitated recurrent selection populations which were selected for short straw were combined. **remarks:** Selections from CC XXXII with elongated outer glume. Breeding Material. Seed.