

PI 573080. *Hordeum vulgare* L. subsp. *vulgare* POACEAE Barley

Donated by: Mornhinweg, D.W., USDA-ARS, 1301 N. Western, Stillwater, Oklahoma 74075, United States. Received September 16, 1993.

origin: United States. **developed:** D.W. Mornhinweg.
origin institute: USDA-ARS, 1301 N. Western, Stillwater, Oklahoma 74075 United States. **cultivar:** STARS-9301B.
pedigree: Selection from PI 366450. **remarks:** Resistant to RWA, *Diuraphis noxia*, both as a seedling in the greenhouse and as a mature plant under field infestation. Tolerance to the RWA with damage ratings of 2 on Webster's scale of 1-9. Six-row with average maturity and plant height. Stands well under low input conditions but will lodge under high inputs of nitrogen and water. Spring Annual. Breeding Material. Seed.

PI 573081 to 573095. *Hordeum vulgare* L. subsp. *vulgare* POACEAE Barley

Donated by: Ramage, R.T., USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719, United States. Received September 22, 1993.

PI 573081 **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-6211. **cultivar:** CC XLVI-A. **pedigree:** Male sterile winter habit plants/CC XXXII. **remarks:** Winter composite cross. Grown for a number of years in winter areas (Aberdeen, Idaho, northern Idaho, Montana, Washington). Surviving plants with short straw composited for the next generation. Breeding Material. Seed.

PI 573082 **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-winter. **cultivar:** CC XLVI-B. **pedigree:** Male sterile winter habit plants/CC XXXII. **remarks:** Bulk of winter six-row selections from winter composite cross, CC XLVI-A. Grown for a number of years in winter areas (Aberdeen, Idaho, northern Idaho, Montana, Washington). Surviving plants with short straw composited for the next generation. Breeding Material. Seed.

PI 573083 **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-two-row. **cultivar:** CC XLVI-C. **pedigree:** Male sterile winter habit plants/CC XXXII. **remarks:** Bulk of winter two-row selections from winter composite cross, CC XLVI-A. Grown for a number of years in winter areas (Aberdeen, Idaho, northern Idaho, Montana, Washington). Surviving plants with short straw composited for the next generation. Breeding Material. Seed.