

PI 566948 to 566952-continued

PI 566951 **origin:** United States. **developed:** Dick D. Davis. **origin institute:** New Mexico Agr. Exp. Sta., New Mexico State University, Dept. of Agronomy & Horticulture, Las Cruces, New Mexico 88003 United States. **cultivar:** S51-88080. **pedigree:** Direct selection out of family S51, [(Acala 1517D/Oklahoma CR-4)/ Stahmann 876 selection]. **other id:** PL-8. **source:** Crop Sci. 33(6):1426 1993. **group:** CSR-COTTON. **restricted:** CSR. **remarks:** Plants exceptionally early in maturity, short-statured. Fruiting habit semi-cluster. Bolls non-stormproof. Fiber properties outstanding. Fiber length equal to Acala 1517, micronaire and fiber strength higher. Verticillium wilt resistance good. Excellent general combining ability for yield and earliness in both upland X upland crosses and in interspecific crosses, and a higher gin turnout than the original NX-1 female. Open boll trait and heavy pubescence are its most objectionable features. Spring Annual. Breeding Material. Seed.

PI 566952 **origin:** United States. **developed:** Dick D. Davis. **origin institute:** New Mexico Agr. Exp. Sta., New Mexico State University, Dept. of Agronomy & Horticulture, Las Cruces, New Mexico 88003 United States. **cultivar:** A77-88090. **pedigree:** Inbred selection line out of Acala 1517-77. **other id:** PL-7. **source:** Crop Sci. 33(6):1426 1993. **group:** CSR-COTTON. **restricted:** CSR. **remarks:** Standard Acala 1517 fiber quality, which is transmitted to hybrid progeny in additive fashion. Not stormproof, but has better storm resistance than most Acala types. Shown excellent combining ability for yield with several R-Lines, particularly with BHLF and IV4F. Primary weakness is low gin turnout, usually transmitted to its hybrids as the mid-parent value. Even with low gin turnout, hybrids are competitive with the best check cultivars in New Mexico. Spring Annual. Breeding Material. Seed.

PI 566953. *Hordeum vulgare* L. subsp. *vulgare* POACEAE Barley

Donated by: Albrechtsen, R.S., Utah Agr. Exp. Sta., Utah State University, Logan, Utah 84322-4820, United States. **remarks:** Bracken Barley. Received April 16, 1993.