

PI 566942 to 566947-continued

PI 566946 **origin:** United States. **origin institute:** New Mexico Agr. Exp. Sta., New Mexico State University, Dept. of Agronomy & Horticulture, Las Cruces, New Mexico 88003 United States. **source history:** Original cross made in 1967 by C.R. Chew, USDA-ARS, Las Cruces. **cultivar:** IV4F-91057. **pedigree:** 25th generation selection from Early Yugoslavian upland/G. barbadense line, Pima 1-71. **other id:** PL-2. **source:** Crop Sci. 33(6):1428 1993. **group:** CSR-COTTON. **restricted:** CSR. **remarks:** Upland type in general appearance, but carries some traits inherited from its Pima parent incl. semi-naked seed. Plant short-statured, narrow profile, early maturity. Produced hybrids that compete with Paymaster 145 in northern High Plains, or in late planting situations where earliness is at a premium. Parental line transmits good fertility, heterosis for yield & earliness to its progeny. Hybrids have some tol. to drought & low temp. stress. Better storm resist. than standard Acala cvs., although not stormproof. Fiber strength & maturity good. Staple length tends to be short. Spring Annual. Breeding Material. Seed.

PI 566947 **origin:** United States. **origin institute:** New Mexico Agr. Exp. Sta., New Mexico State University, Dept. of Agronomy & Horticulture, Las Cruces, New Mexico 88003 United States. **cultivar:** BHLF-87049. **pedigree:** Selected from the backcross family {(Dixie King R-Line 11-A/Bobshaw Hi-linter)/Bobshaw Hi-linter)}. **other id:** PL-1. **source:** Crop Sci. 33(6):1428 1993. **group:** CSR-COTTON. **restricted:** CSR. **remarks:** Deltatype phenotype. Height medium. Excellent combining ability for yield & gin turnout. Plants show prolific fruit set in mid-season. Bolls medium size. Lint avg. 41%. Fiber shorter, weaker than present commercial Delta cvs. Yield of average BHLF hybrid similar to yields of check cvs. Location x year interactions with specific BHLF hybrid combinations indicate superior hybrids can be identified for certain regions. Pollen fertility ratings show F1 hybrids had the highest fertility of any upland hybrids tested & were almost equal to interspecific hybrids in this respect. Spring Annual. Breeding Material. Seed.

PI 566948 to 566952. *Gossypium hirsutum* L. MALVACEAE Upland cotton

Donated by: Davis, D.D., New Mexico Agr. Exp. Sta., New Mexico State University, Las Cruces, New Mexico 88003, United States; and Cotton Incorporated. **remarks:** Five Cotton Parental B-Lines. Received April 09, 1993.