

seedlings evaluated in Cycles 0, 1, 2, 3, 4, and 5 was 1100, 2850, 4250, 4450, 4900, and 5050, respectively. Selection intensity for Cycles 0, 1, 2, 3, 4, and 5 was 5.2, 3.0, 2.1, 2.2, 2.1, and 1.9%, respectively. No difference between the tolerant and susceptible germplasms in symptom development following herbicide application. Tolerant germplasm, however, recovered much more rapidly from effects of herbicide than susceptible germplasm.

The following were developed by James S. Quick, Colorado State University, Dept of Agronomy, Fort Collins, Colorado 80523, United States. Received 05/02/1994.

PI 578867. *Triticum aestivum* L., nom. cons.

Cultivar. "SYLVAN"; UT002464. Pedigree - UT 785 147-209/WestBred 906-R. Awned, semidwarf height, white-glumed, most similar to WB906-R in appearance. Spikes semi-lax. Maturity averaged five days later than Spillman and eight days later than Oslo. Averaged 2 inches shorter than Blanca and similar in straw strength. When compared to current highest performing HRS wheats (Spillman and Oslo), 11% higher grain yield when grown under irrigated management in southwestern Colorado. Test weight about two lb/bu higher than Oslo and Spillman in 3 years of tests.

The following were donated by K.B. Saxena, Int. Crops Res. Inst. for the Semi-Arid Tropics, Legumes Program, Patancheru, Andhra Pradesh 502 324, India . Received 05/02/1994.

PI 578868. *Cajanus cajan* (L.) Millsp.

Cultivar. "ICPL 78002"; ICPL 2. Pedigree - Pure line selection from an open-pollinated heterogeneous bulk of UPAS 120 (ICP 6971). After four generations of pedigree selections the single plant progeny bulked as selection UPAS 120 (ICP 6971)-83*-3*-5*-9*-B*-B*. Plants indeterminate and semi-spreading, about 1.5-2.0m tall. About 84 days to flower and matures 134 days. Stem green with dark green leaves. Flowers yellow with red streaks. Pods green color and dark brown streaks on surface are borne in loose clusters. Seeds round, brown in color, with 100 seed mass of about 7.6g.

PI 578869. *Cajanus cajan* (L.) Millsp.

Cultivar. "ICPL 87051". Pedigree - ICPX 76098 (ICP 7979/C11). F2, F3, and F4 generations were advanced through single pod descent method. Pedigree selection initiated in F5 and in F8 single plant progeny was bulked as sel. no. ICPX 76098F4B-304-B-1*-B*-B-B. Plants indeterminate and semi-spreading, about 2m tall. About 131 days to flower and matures 185 days. Stem green with medium sized leaves. Flowers yellow. Pods green with dark brown streaks on surface. Seeds oval, cream color, with seed mass of 13.3g and contains 23.1% protein. On average exhibits 23% wilt and 8% sterility mosaic disease incidence.

PI 578870. *Cajanus cajan* (L.) Millsp.

Cultivar. "ICPL 366". Pedigree - Pure line breeding with selection number ICP 7105-12*-22*-2* -2*-G3*-GB* from a landrace (ICP 7105) collected from Berhampur, Madhya Pradesh, India. Plants indeterminate and compact, about 2m tall. About 156 days to flower and 234 days to mature. Stems green. Leaves narrow, dark green. Flowers yellow. Pods green, borne in loose clusters of 3-6 pods/cluster. Seeds round, brown color, with a 100-seed mass of about 9.5g. On average, each pod contains 3.7 seeds. Resistant to sterility mosaic disease.

The following were developed by Thomas Gulya, USDA, ARS, North Dakota State University, Northern Crops Research Laboratory, Fargo, North Dakota 58105, United States; Jerry F. Miller, USDA, ARS, Northern Crops Research