grain) cadmium concentration. Germination 96%.

PI 591061. Triticum durum Desf.
Genetic. Pureline. 8982-TL-H. Pedigree - Kyle/Nile. High (plant and grain) cadmium concentration. Germination 96%.

PI 591062. Triticum durum Desf.
Genetic. Pureline. W9260-BC-L. Pedigree - DT 617/DT 471. Low (plant and grain) cadmium concentration. Germination 94%.

PI 591063. Triticum durum Desf.
Genetic. Pureline. W9260-BC-H. Pedigree - DT 617/DT 471. High (plant and grain) cadmium concentration. Germination 98%.

PI 591064. Triticum durum Desf.
Genetic. Pureline. W9261-BG-L. Pedigree - DT 630/DT 471. Low (plant and grain) cadmium concentration. Germination92%.

PI 591065. Triticum durum Desf.
Genetic. Pureline. W9261-BG-H. Pedigree - DT 630/DT 471. High (plant and grain) cadmium concentration. Germination 90%.

PI 591066. Triticum durum Desf.
Genetic. Pureline. W9262-339A-L. Pedigree - Kyle*2/Biodur. Low (plant and grain) cadmium concentration. Germination 98%.

PI 591067. Triticum durum Desf.
Genetic. Pureline. W9262-339A-H. Pedigree - Kyle*2/Biodur. High (plant and grain) cadmium concentration. Germination 97%.

The following were developed by C.T. Hash, Int. Crops Res. Inst. for the Semi-Arid Tropics, Patancheru, Andhra Pradesh 502 324, India. Received 08/09/1995.

PI 591068. Pennisetum glaucum (L.) R. Br.
Cultivar. Population. "ICMV 221"; MP 221; ICMV 88904. Pedigree - Random mating 124 high yielding, drought tolerant S1 progenies selected from the Bold Seeded Early Composite (BSEC) C3 cycle S1 progenies drought screening trail in 1987. Early maturing, bold grained with two to four tillers. Panicles compact to semi-compact, lanceolate or cylindrical, nonbristled with slight taper towards tip. Glumes mostly nonpigmented. Anther color variable from yellow to brown. Grain obovate to globular, dark gray in color and large (10-15g 1000-1). Large size of grain is most important identifying characteristics. Plants flower in 38-50 days. Mature in 70-80 days. Good resistance to downy mildew (Sclerospora graminicola). Less affected than hybrids by ergot (Claviceps fusiformis) and smut (Moesziomyces penicillariae).

The following were donated by A. El Ahmed, Int. Center for Agricultural Research in the Dry Areas, P.O. Box 5466, Aleppo, Syria. Received 08/02/1995.

PI 591069. Triticum durum Desf.
Breeding. 1.

PI 591070. Triticum durum Desf.
Breeding. 2.

PI 591071. Triticum durum Desf.
Breeding. 3.

PI 591072. Triticum durum Desf.
Breeding. 4.