

The following were developed by C.T. Hash, Int. Crops Res. Inst. for the Semi-Arid Tropics, Patancheru, Andhra Pradesh 502 324, India; K.N. Rai, Int. Crops Res. Inst. for the Semi-Arid Tropics, Cereals Program, Patancheru, Andhra Pradesh 502 324, India; S. Appa Rao, Int. Crops Res. Inst. for the Semi-Arid Tropics, Germplasm Resources Unit, Andhra Pradesh 502 324, India. Received 08/24/1994.

PI 583798. *Pennisetum glaucum* (L.) R. Br.
Breeding. "ICMA 88004". PL-25. Pedigree - Backcrossing ICMB 88004 nine times into 81A1 cytoplasm. Male sterile. Highly resistant to downy mildew (*Sclerospora graminicola*). Seed size large, deep gray color. Seedlings have yellowish foliage color that changes to green color during grain-filling. Panicles candle-shaped and purple color of nodes, basal internodes, glumes, and leaf sheath margin. Height medium. Maturity early. Tillering good. Grain yields high.

PI 583799. *Pennisetum glaucum* (L.) R. Br.
Breeding. "ICMB 88004". PL-24. Pedigree - Ten generations of selfing and selection in a half-sib progeny (Togo-11) derived from a landrace from Togo. Highly resistant to downy mildew (*Sclerospora graminicola*). Seed large, deep gray color. Seedlings have yellowish foliage color that changes to green color during grain-filling. Panicles candle-shaped and purple color of nodes, basal internodes, glumes, and leaflet sheath margin. Height medium. Maturity early. Tillering good. Grain yield high. Maintainer line of ICMA 88004.

The following were developed by M.N.V.R. Rao, ITC Zeneca Limited, Agri-Business Division, 31 Sarojinidevi Rd., Secunderabad, Andhra Pradesh 500 003, India; J.R. Witcombe, Center for Arid Zone Studies, University of Wales, Bangor, Wales, United Kingdom; W.R. Lechner, Mahanene Research Station, P.O. Box 144, Oshakati, Namibia. Received 08/25/1994.

PI 583800. *Pennisetum glaucum* (L.) R. Br.
Cultivar. "ICMV 88908"; Okashana 1. CV-10. Pedigree - Two generations of mass selection from an intermating of C4 cycle bulk population of ICRISAT Bold Seeded Early Composite (BSEC) and ICMV 87901, a high-yielding variety from BSEC. Maturity early. Flowers 40-48 days after sowing. Plant height 2m (about 10cm taller than ICTP 8203). Panicles thick, semi-compact to compact, lanceolate to cylindrical, with slight tapering towards the tip. Seeds round and large (>13g 1000-1 grain). Other morphological features such as low tillering closely resemble ICTP 8203, but yields 20% more grain. Resistance good to downy mildew (*Sclerospora graminicola*).

The following were donated by Rosemary Chng, International Plant Genetic Resources Institute, Seed Handling Unit, National University of Singapore, Dept. of Botany, Singapore. Received 08/26/1994.

PI 583801. *Pennisetum purpureum* Schum.
Moss 898.

PI 583802. *Pennisetum purpureum* Schum.
Moss 922.

PI 583803. *Pennisetum purpureum* Schum.
Moss 1038.

PI 583804. *Pennisetum setaceum* (Forsskal) Chiov.
Moss 1039.