

MAJOR WEED SPECIES IN FINGER MILLET

Srishti Pandey, H.L. Sonboir and Damini Thawait

Deptt. of Agronomy, College of Agriculture, Raipur, Chhattisgarh

Abstract : The experiment comprising 13 weed management practices which comprised single application of different post-emergence herbicides either alone or in combination and hand weeding was conducted on Clayey *Vertisols* soil of College of Agriculture, Raipur during *kharif* season of 2012. *Echinochloa colona* among grasses, *Cyperus iria* among sedges and *Alternanthera triandra*, *Eclipta alba* and *Phyllanthus urinaria* among broad leaf weeds were dominant. Over all the most dominant species was *Echinochloa colona* which ranged between 24-46 per cent at all the growth stages.

Keywords: Major weed species, finger millet

REFERENCES

Gowda, S.G.K., Naveen, D.V., Bhagyalakshmi, T. and Gowda, R.C. (2012). Weed management practices on nutrient removal by weeds and its relation to yield of finger millet in eastern dry zone of Karnataka. *International Journal of Agricultural Sciences* **8** (2):385-389.

Kumara, O., Basavaraj Naik, T. and Palaiah, P. (2007). Effect of weed management practices and fertility levels on growth and yield parameters in Finger millet. *Karnataka Journal of Agricultural Sciences* **20**(2): 230-233.

Kushwaha HS, Tripathi ML and Singh VB. (2002). (Eds.). Weed management in coriander

(*Coriandrum sativum*). In: *Proceeding of Second International Agronomy Congress on Balancing Food and Environment Security: a Continuing Challenge* (Eds.), Singh Panjab, IPS Ahlawat and Gautam RC. *Indian Society of Agronomy*, IARI, New Delhi: 985-987.

Lall, M. and Yadav, L.N.S. (1982). Critical time of weed removal in finger millet. *Indian Journal of Weed Sciences* **14**: 85-88.

Pradhan, A., Rajput, A.S., and Thakur, A. (2010). Effect of weed management on growth and yield of finger millet. *Indian Journal of Weed Science* **42**(1&2): 53-56.