



Search

## Weed Management :: Rice

### Transplanted Puddled Lowland Rice Major Weeds:

#### Grasses



*Echinochloa colona*



*Echinochloa crus-galli*



*Chloris barbata*



*Panicum sp*



*Cynodon dactylon*



*Leptochloa chinensis*

Image Source: [www.agritech.tnau.ac.in](http://www.agritech.tnau.ac.in)

#### Broad leaved weeds



*Ammania baccifera*



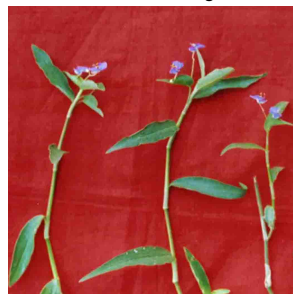
*Asteracantha longifolia*



*Centella asiatica*



*Commelina benghalensis*



*Cyanotis axillaris*



*Eclipta prostrata*





*Marselia quadrifolia*



*Monochoria vaginalis*



*Nasturtium indicum*



*Phyla nodiflora*



*Phyllanthus niruri*



*Rotala densiflora*



*Ruellia tuberosa*



*Sonchus oleraceus*



*Sphaeranthus indicus*

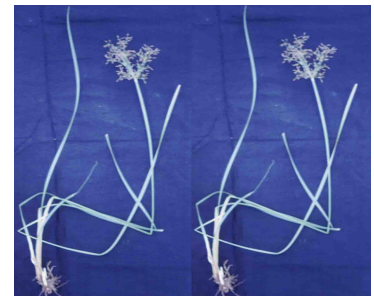
#### Sedges



*Cyperus difformis*



*Cyperus iria*



*Fimbristylis milliacea*

Image Source:  
[www.agritech.tnau.ac.in](http://www.agritech.tnau.ac.in),  
 Dr.R.Jagannathan,  
 Professor of Agronomy,  
 TNAU, Coimbatore-3.

#### Mainfield: Weed management

- Any pre emergence herbicide has to be mixed with 50 kg of dry sand on the day of application (3 - 4 DAT) and applied uniformly to the field with thin film water on 3rd DAT. Water should not be drained for next 2 days from the field (or) fresh irrigation should not be given.
- Pre emergence application (PE) of Pretilachlor @ 750 g/ha at 3 DAT followed by early post emergence application of Chlorimuron methyl + Metsulfuron methyl @ 4 g/ha on 25 DAT.
  - PE Pyrazosulfuron ethyl @ 20 g ha<sup>-1</sup> on 3 DAT + Hand weeding (HW) on 45 DAT.
  - PE butachlor 0.75 kg ha<sup>-1</sup> + bensulfuron methyl 50 g ha<sup>-1</sup> on 3 DAT + HW on 45 DAT
  - PE butachlor 0.75 kg ha<sup>-1</sup> + bensulfuron methyl 50 g ha<sup>-1</sup> on 3 DAT followed by mechanical weeding on 45 DAT.
  - PE application of Butachlor @ 1.0 kg /ha on 3 DAT + Finger type single row or double row rotary weeder weeding on 45 DAT.
  - Early POE application of Bispyribac sodium 40 g ha<sup>-1</sup> (2-3 leaf stage of weeds) + Hand weeding on 45 DAT.
  - Post emergence application (POE) of 2,4-D sodium salt 1.25 kg/ha on three weeks after transplanting.

