

**Crop Protection :: Pest of paddy****Leaf folder (or) leaf roller: *Cnaphalocrocis medinalis* / *Marasmia patnalis*****Symptom of damage:**

- Larva folds the leaves longitudinally and larva remains inside
- Larva scrapes the green tissues of the leaves, which later becomes white and dry
- During severe infestation the whole field exhibits scorched appearance

Identification of insect pest:

- **Egg:** Flat, oval in shape and yellowish white in colour
- **Larva:** Greenish translucent
- **Adult:** Moth is yellowish brown with many dark wavy lines in centre and dark band on margin of wings.

Management:

ETL: 10% leaf damage at vegetative phase and 5% of flag leaf damage at flowering

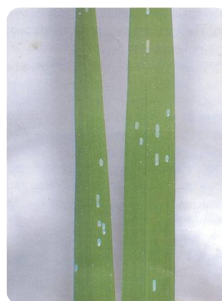
- Release *Trichogramma chilonis* @2 cc (40,000/ac) thrice at 37, 44 and 51 days
- Avoid excessive nitrogenous fertilizers
- Keep the bunds clean
- Spray NSKE 5 % or Azadirachtin 0.03% 400 ml/ac
- Spray any one of the following insecticides
 - Phosalone 35 EC 600 ml/ac
 - Chlorpyrifos 20 EC 500 ml/ac
 - Acephate 75 % SP 267-400 ml/ac
 - Carbosulfan 6% G 6.7 kg/ac
 - CartapHydrochloride 50 % SP 400 g/ac
 - Chlorantraniliprole 18.5% SC 60 g/ac
 - Chlorantraniliprole 0.4% G 4 kg/ac
 - Fipronil 80%WG 20-25 g/ac
 - Flubendiamide 39.35% M/M SC 20 g/ac
 - Flubendiamide 20% WG 50-100 g/ac
 - Thiamethoxam 25% WG 40 g/ac



white and dried leaves



Larva inside leaf fold



Egg



Larva



Adult

*Trichogramma chilonis* egg card

Keep the bunds clean



Set up light trap