

## **SATUNIL 60 EC (Theobencarb 40% + Propanil 20%)**

Applicable for all types of rice cultivation without causing injury. Controls emerged young weeds and inhibits re-emergence of weeds for long

### **FEATURES OF SATUNIL 60 EC**

- 1) (Thiobencarb 40%, propanil 20%) is world-wide used herbicide for direct-seeded and transplanted rice in irrigated and upland field.
- 2) Controls emerged young weeds and Inhibits re-emergence of weeds for long time
- 3) Controls wide range weeds, specially grassy weeds (Echinochloa, Leptochloa, Brachiaria, Elusine spp.), Sedges and broad leaf weeds.
- 4) Stable herbicidal effect can be obtained at various soil condition, weather condition (rain, temperature)
- 5) Does not cause injury to rice growing because of selectivity.

### **DIRECTION OF USE:**

Read carefully the label on the container.

#### **Apply uniformly 4-6 L/ha of SATUNIL 60 EC diluted in water as follows:**

- 200-400 L/ha spray volume by boom nozzle sprayer
- 200-500 L/ha spray volume by knapsack sprayer
- 40 - 60 L/ha spray volume by air plane

### **APPLICATION TIMING:**

At 2 - 4 leaf stage (less than 1 inch tall) of main target weeds at any stage of rice growing but under wet soil, ie unflooded condition (if irrigated, after draining) If irrigated, re-flood within 1-2 days after application

### **POINT TO GET BEST HERBICIDAL EFFECT WHILST AVOIDING INJURY.**

- a) When at 2-4 leaf stage of grassy weed fully exposed to the herbicide
- b) During suitable weather condition, avoiding strong wind and rain predicted within 1hr after application.
- c) Do not apply drought-stressed rice or just after rain on drought stress.

### **CHOOSING DOSAGE:**

- \* Choose proper dose by the following consideration. Sensitivity of target weeds applying lower dose in flooded rice and higher dose in upland rice.
  - \* Stage of target grassy weeds. If weeds are larger, denser, higher dose is recommendable.
- Prepare calculated amount of **SATUNIL 60 EC** to be applied to the field.

**Dilution:** Put water into the tank first, then add accurate amount of **SATUNIL 60 EC** to the water and mix thoroughly.

**Spraying:** Spray uniformly to cover emerged weeds by sprayer with proper pressure, nozzle and nozzle height Do not apply overlap or excessively to avoid phytotoxicity. In case of any phytotoxicity, the symptoms should disappear soon.

Avoid mixture or consecutive application with organophosphorous and carbamate insecticides

## **SATUNIL 60 EC (Theobencarb 40% + Propanil 20%)**

Hutumika kwa aina yoyota ya mpunga bila kuudhuru. Kwa magugu yatokeayo na kuzuia yajayo kwa muda mrefu.

### **SIFA ZA SATUNIL 60 EC**

- 1) (**Theobencarb 40% + Propanil 20%**) Hutumika ulimwenguni kote kwa kuuwa magugu katika mpunga uliopandwa moja kwa moja, uliopandilizwa na wa milimani.
- 2) Huuwa magugu machanga yatokazayo na kuzuia yale yatakayoota baadaye.
- 3) Huuwa magugu ya aina mbali mbali kama aina ya nyasi ndago na ya majani mapana. Huuwa magugu katika udongo wa kila aina na hali yoyote ya hewa.
- 4) Haidhuru mpunga kwa sababu huchagua magugu tu.

### **MAELEKEZO JUUYA MATUMIZI:**

Soma kwa uangalifu kibandiko kilicho kwenye kibebeo cha dawa.

**Nyunyuzia sehemu zote ukitumia 4-6 L/ha ya SATUNIL 60 EC ikichanganywa na maji kwa kiasi ifwatavyo:**

- 200-400 l/ha ya maji na boom sprayer.
- 200-500 l/ha ya maji na knapsack
- 40 - 60 l/ha ya maji kwa ndege

### **WAKATI UNAOFAA KWA KUNYUNYIZIA**

Kwekwe aina ya nyasi ikiwa na majani yasiyo zidi 2-4 na mpunga ukiwa katika umri wowote ukimea kwenye udongo ulio na unyevu na wala si maji ya kusimama. Ikiwa ni mpunga wa kunyunyiziwa (paddy)fungulia maji ya kusimama tena siku 1-2 baada ya kunyunyizia **SATUNIL 60 EC**

### **KWA MATOKEO MAZURI BILA YA KUDHURU MPUNGA.**

- a) Ikiwa Magugu yameota na kufikia umri wa majani 2-4 (nyasi)
- b) Hali ya hewa ikiwa ina faa pasipo upepo wala dalili za mvua kunyesha chini ya saa moja baada ya kunyunyuzia.
- c) Usinyunyuzia dawa kwenye mpunga ulio nyauka kiukame

### **KUAMUA KIPIMO KINACHOFAA:**

- \* Amua kipimo kulingana na aina ya magugu, punguza kipimo kwa mpunga uliopandwa kwenye maji mabondani. Ongeza kipimo kwa mpunga wa milimani.
- \* Ongeza kipimo kwa magugu ya umri mkubwa, magugu mapana na mengi. Tayarisha kiasi cha **SATUNIL 60 EC** iliyohesabiwa kutumika shambani.

### **KUNYUNYUZIA:**

Nyunyuzia magugu yaliyojitokeza kutumia knapsack. Weka nozzle kwa urefu unaofaa juu ya magugu. Usinyunyuzie ukurudiarudia sehemu moja ili kujihupusha na dalili za kuchome mpunga. Usichanganye **SATUNIL 60 EC** na dawa zingine za aina ya organophosphorous na carbamate