ZEMBU®

HERBICIDE

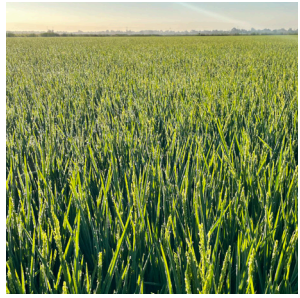
Key Benefits

- Exceptional preemergence control of all broadleaf weeds
- New mode-of-action for control or suppression of watergrass in California rice
- Superior control of smallflower umbrella sedge versus registered alternative chemistries
- Long-lasting and superior efficacy of redstem compared to competitive products
- Fits perfectly as the foundation herbicide when used in a program approach for season-long weed control
- Excellent crop safety; no negative impact on yield

Use Information

- **Use Rate:** 14.9 lbs/A
- **Application Method:** Granular applied by air
- **Application Timing:**

  Apply to flooded field prior to or at seeding.
  - Water should be set at a minimum of 4 inches at time of application. Minimize water movement for 5 days.
  - For optimal rice development, avoid applying other herbicide products on the same day as ZEMBU and for at least 3 days after applying ZEMBU.
  - During application, do not overlap ZEMBU.



KEY WEEDS CONTROLLED

Barnyardgrass*
California arrowhead
Ducksalad
Gregg arrowhead
Monochoria
Redstem
Smallflower umbrella sedge
Watergrass, early*
Watergrass, late*

* Strong suppression to control of grasses. Level of control is dependent on grass pressure and stage of grass development at time of application.

NICHINO

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ZEM-RIC-2502

ZEMBU® HERBICIDE

Treatment Programs with ZEMBU® Herbicide

Weed Control Efficacy 6 Weeks After Day Of Seeding (DOS)

CONTROL LEGEND | EXCELLENT | GOOD | FAIR | POOR

Program	Application Timing	Early/Late Watergrass*	Barnyardgrass*	Bulrush	Smallflower	Ducksalad	Redstem	California Arrowhead	Gregg Arrowhead	Water Hyssop	Sprangletop
ZEMBU (Pyraclonil) 14.9 lb/A (≤1-true leaf watergrass/barnyardgrass)	DOS										
ZEMBU (Pyraclonil) 14.9 lb/A (≥2-true leaf watergrass/barnyardgrass)	DOS										
ZEMBU (Pyraclonil) 14.9 lb/A Bolero (Thiobencarb) 23.3 lb/A	DOS 1.5-2 leaf										
ZEMBU (Pyraclonil) 14.9 lb/A Butte (Benzobicyclon + Halosulfuron) 7.5 lb/A	DOS 1.5 leaf										
ZEMBU (Pyraclonil) 14.9 lb/A Granite GR (Penoxsulam) 15.0 lb/A	DOS 3rd leaf										
ZEMBU (Pyraclonil) 14.9 lb/A Cerano (Clomazone) 6.0 lb/A	DOS 3d after DOS										
ZEMBU (Pyraclonil) 14.9 lb/A Regiment (Bispyribac) 0.8 oz/A	DOS Early tiller										

Historical weed pressure should be considered when determining the weed control program. Fields with historically high pressure from one or more weeds listed may require additional herbicide applications for desirable control. A clean-up application of propanil at 30-35 days after seeding may be needed.

* Strong suppression to control of grasses. Level of control is dependent on grass pressure and stage of grass development at the time of application. Control of barnyardgrass, early watergrass, and late watergrass if application of ZEMBU Herbicide is made prior to weed emergence and postemergence up to the 1-true leaf weed stage. Suppression only of barnyardgrass, early watergrass, and late watergrass if application of ZEMBU Herbicide is made at the 2-true leaf weed stage or later.