



# RebelEX<sup>®</sup>

## HERBICIDE

<b>Product Use</b>	Postemergence herbicide for selective control of grass, broadleaf and annual sedge weeds in rice
<b>Active Ingredient</b>	Penoxsulam, Cyhalofop-butyl
<b>Formulation</b>	2.03 lb. a.i./gal. liquid SE (suspension-emulsion concentrate)
<b>Mode of Action</b>	ALS inhibitor and ACCase inhibitor
<b>Average Use Rate</b>	<b>Pre-flood:</b> 16 to 18 fl. oz./A. One gallon treats 7.5 acres. <b>Post flood:</b> 18 to 20 fl. oz./A. One gallon treats 6.7 acres.
<b>Package/Pallet Size</b>	2.5-gallon bottle; 2 bottles per case; 36 cases on pallet
<b>Adjuvant</b>	Methylated seed oil (MSO) or crop oil concentrate (COC) — minimum of 1 qt./A
<b>Spray Volume</b>	10 GPA or more and uniform coverage required. Always use clean water.
<b>Application Timing</b>	1-leaf rice up to 60 days before harvest
<b>Aerial Application</b>	Ten (10) gallons water per acre minimum spray volume. Medium droplet size (175 to 250 microns) with uniform and thorough spray coverage. Straight-stream application (zero deflection) not recommended.
<b>Ground Application</b>	Apply to wet soils with ten (10) gallons water per acre minimum spray volume. Medium to coarse droplet size (175 to 375 microns). Induction or flood-type nozzles may give inconsistent control; flat-fan nozzles are recommended. Under dense weed/crop canopies, increased gallonage and higher spray pressure are important in obtaining thorough coverage.
<b>Residual</b>	RebelEX has soil residual activity on barnyardgrass, annual sedges and some broadleaf weeds for up to three weeks, dependent on soil type and environmental conditions.
<b>Rainfast</b>	Two hours following application
<b>CLEARFIELD<sup>®</sup> Fit</b>	Post Flood: To control weeds missed with NEWPATH or BEYOND herbicide — such as barnyardgrass, hemp sesbania, jointvetch, eclipta and aquatic weeds — tank-mix with BEYOND or apply RebelEX alone at 18 to 20 fluid ounces per acre.  Pre-flood: To control weeds missed with NEWPATH, CLEARPATH or BEYOND herbicide — such as barnyardgrass, sprangletop, fall panicum, other annual grasses, smartweed, hemp sesbania, jointvetch, ducksalad, dayflower, eclipta and other aquatic weeds — tank-mix with RebelEX at 16 to 20 fluid ounces per acre.

## Tank Mixes

- RebelEX® herbicide can be tank-mixed with NEWPATH, CLEARPATH, BEYOND, Command, FACET or PROWL herbicides, as well as fungicides and insecticides. Follow label directions on each respective product label.
- Tank-mixing with nonrecommended herbicides may reduce overall grass control.
- Tank mixes with FACET may result in reduced annual smartweed control.

## Water Management

- RebelEX is recommended as either a pre-flood or post-flood application.
- If applied pre-flood, wait 72 hours before establishing the permanent flood.
- If applied post flood, wait three hours before raising the flood level.
- Weeds must be 70 percent exposed at time of application.
- Rainfall or flushing after application will improve control and residual activity.

## Application Precautions and Tips

- For heavy grass densities and/or rescue treatments, sequential application is recommended. Follow the initial application of RebelEX with a sequential 10-oz. application of Clincher within 10 to 14 days for improved control.
- If RebelEX is applied as a post-flood salvage treatment to previously untreated areas, fields with previous failed herbicide applications, or areas of extremely high grass weed density, total control of labeled grass weeds should not be expected. Regrowth of these grass weeds may occur.
- Apply at least five days before or seven days after the application of broadleaf or sedge herbicides.
- Best weed control results are obtained when applied to small, actively growing weeds, when daytime and nighttime temperatures are warm (60 F or higher) and when soil moisture is adequate to support active weed growth prior to and following application.
- Under adverse conditions, MSO is recommended over COC.
- Always use clean water with spray mixes of RebelEX. Do not use water containing rinsate from previous spray solution, even at low concentrations, as this may reduce weed control.
- If drift control agent is used, weed control may be reduced.
- If the spray solution pH is >8, a buffering agent should be used to lower the pH to <8.
- Weeds should be actively growing; do not apply to drought-stressed weeds.
- Avoid all direct or indirect contact with nontarget plants.
- Nonuniform spray coverage and/or spray volume less than 10 GPA can reduce overall weed control.
- Application to rice grown on newly leveled ground (except water leveled fields), soils with pH >7.8, or high salt content may result in serious rice injury with a pre-flood application.



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Always read and follow all manufacturers' product specimen labels. To obtain additional information or product specimen labels for Dow AgroSciences products, please visit [www.dowagro.com](http://www.dowagro.com).

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## Application Rates and Weeds Controlled for RebeLEX® Rice Herbicide

### Weeds Controlled in Water-seeded Rice

Weeds Controlled	Application Rates and Stage of Weed Development	
	16 to 18 fl. oz./A	18 to 20 fl. oz./A
Dwarf Spike Rush      Parrotfeather Gooseweed              Pickerel Weed Hedge Hyssop          Spike Rush Narrow Leaf Aster      Water Plantain (Bull Tongue)	Up to 7 leaf	<12"
Weeds Suppressed	16 to 18 fl. oz./A	18 to 20 fl. oz./A
Rush	—	<12"

### Water-seeded and Drill-seeded Rice – Pre-flood

Weeds Controlled	16 to 18 fl. oz./A
Annual Smartweed Spp.      Rice Flatsedge Eclipta Hemp Sesbania Indian/Northern Jointvetch	Up to 7 leaf
Amazon (Tighthead) Sprangletop      Ducksalad Arrowhead                                  Fall Panicum Barnyardgrass <sup>1</sup> Junglerice Bearded Sprangletop                      Pigweed Cocklebur                                      Red Sprangletop Dayflower	Up to 4 leaf
Texas/Mexicanweed	Up to 3 leaf
Weeds Suppressed	18 to 20 fl. oz./A
Broadleaf Signalgrass                      Texas Panicum Brook Paspalum                              Water Paspalum Goosegrass	Up to 4 leaf
Perennial Barnyardgrass	<18"
Alligatorweed	<24" runners
Morningglory Spp.                              Yellow Nutsedge Redstem	Up to 4 leaf

<sup>1</sup>Including propanil- and quinclorac-resistant barnyardgrass.

## Application Rates and Weeds Controlled for RebelEX® Rice Herbicide

### Water-seeded and Drill-seeded Rice – Post Flood

Weeds Controlled	Application Rates and Stage of Weed Development 18 to 20 fl. oz./A
Amazon (Tighthead) Sprangletop Barnyardgrass <sup>1</sup> Bearded Sprangletop Fall Panicum Junglerice Red Sprangletop	Mid- to late tillering or branching, prior to grass weed heading
Ducksalad	<6"
Hemp Sesbania Indian/Northern Jointvetch	<15"
Rice Flatsedge	<12"
Weeds Suppressed	18 to 20 fl. oz./A
Brook Paspalum Texas Panicum Water Paspalum	Mid- to late tillering or branching, prior to grass weed heading
Alligatorweed	<24" runners
Perennial Barnyardgrass	<18"
Annual Smartweed Spp. Eclipta Redstem	<12"

<sup>1</sup>Including propanil- and quinclorac-resistant barnyardgrass.



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