

GENERAL

Rice Herbicide Performance

GRASSES AND NUTSEDDGE

Key:

P=Less than 65%

F=65-79%

G=80-90%

E=90% or better

TOLERANCE

BARNYARDGRASS

BROADLEAF SIGNALGRASS

CRABGRASS

FALL PANICUM

FOXTAIL

FLATSEDDGE

AMAZON SPRANGLETOP

BEARDED SPRANGLETOP

NUTSEDDGE

RED RICE

SPIKERUSH

SORGHUM	PRE-PLANT PRE-EMERGENCE, OR DELAYED PREEMERGENCE												
	Bolero	F/G	G	P	E	E	E	F	E	E	P	P	F
	Command	F/G	E	E	E	G	G	P	E	E	P	P	P
SOYBEANS	Facet	G	E	E	E	F	F	P	P	P	P	P	P
	Newpath	G	E	G	E	E	E	G	G	G	F	E	F
	Prowl/others	F	G	G	G	G	G	P	E	E	P	P	P
	POSTEMERGENCE												
	Basagran	E	P	P	P	P	P	G	P	P	G	P	G
COTTON	Duet	G	E	E	E	G	G	E	P	P	G	P	G
	Clincher	F/G	G	E	E	E	G	P	E	E	P	P	P
	Facet	E	E	E	E	F	F	P	P	P	P	P	P
	Grasp	F	E	P	P	P	F	G	F	F	G	P	P
	Post Clearpath	G	E	G	E	E	E	G	F	F	F	E	P
	PrePlant/Postemergence Clearpath	G	E	G	E	E	E	G	G	G	F	E	F
	Londax	E	P	P	P	P	P	E	P	P	E	P	G
	Newpath	F	E	E	E	E	G	G	F	F	F	E	F
	Propanil (Stam/others)	G	E	E	E	E	E	E	P	P	P	P	E
	Regiment	F	E	P	P	P	F	G	F	F	G	P	P
RICE	Ricestar HT	F/G	G	E	E	E	G	P	E	E	P	P	P
	Whip	F	G	E	E	E	E	P	E	E	P	P	P
	Grandstand R	F/G	P	P	P	P	P	F	P	P	P	P	G
	Permit	E	P	P	P	P	P	E	P	P	E	P	F
	2,4-D	F/G	P	P	P	P	P	G	P	P	P	P	G
	FORAGES												
	SMALL GRAINS												
LAWN & GARDEN													
SEED													
FERTILIZER													

Rice Herbicide Performance

BROADLEAVES

Key:
 P=Less than 65%
 F=65-79%
 G=80-90%
 E=90% or better

TOLERANCE
 AMMANIA (REDSTEM)
 COCKLEBUR
 DAYFLOWER
 DUCKSALAD
 ECLIPTA
 FALSE PIMPEREL
 GOOSEWEED
 HEMP SESBANIA
 JOINTVETCH
 MORNINGGLORY
 SMARTWEEDS
 WATER HYSSOP

PREPLANT PREEMERGENCE OR DELAYED PREEMERGENCE													
Bolero	F/G	F	P	G	F	G	G	F	P	P	P	P	F
Facet	G	P	F	P	P	G	P	P	F	F	F	P	F
Newpath	G	F	G	F	F	F	P	F	P	P	F	F	F
EARLY POSTEMERGENCE													
Basagran	E	G	E	E	F	F	F	F	P	P	P	G	G
Duet	G	G	F	F	G	E	G	F	G	G	P	F	G
Facet	E	P	F	P	P	E	P	P	G	G	G	P	P
Londax	E	E	P	G	E	G	E	E	P	P	P	P	E
Newpath	F	F	G	F	F	F	P	P	P	P	F	F	F
Propanil (Stam/others)	G	F	P	P	F	E	F	P	E	E	P	F	G
Regiment	F	F	G	G	G	F	F	G	G	G	G	G	G
Aim	G	F	G	F	F	F	P	P	G	G	G	G	G
Ultra Blazer	G	P	P	P	P	P	P	P	E	P	P	P	P
Grandstand R	F/G	E	G	P	P	E	G	F	G	G	E	F	G
Permit	E	P	E	G	P	P	P	P	F	P	F	F	P
Propanil (Stam/others)	G	P	P	P	P	G	P	P	G	P	P	P	G
2,4-D	F/G	E	E	E	E	E	E	F	E	G	E	F	E
Grasp-Post	F	F	G	G	G	F	F	G	G	G	G	G	G
Clearpath - Post	G	F	G	F	F	E	P	P	G	G	G	F	F
Clearpath - Preplant Premerge	G	F	G	F	F	G	P	F	F	F	F	F	F

GENERAL

CORN

SORGHUM

SOYBEANS

COTTON

RICE

FORAGES

SMALL GRAINS

LAWN & GARDEN

SEED

FERTILIZER

Rice Herbicides

PRE-PLANT BURNDOWN

	PRODUCT	RATE PER ACRE	REMARKS
CORN	Aim EC	0.5-1.9 oz.	Not intended as a stand alone burndown treatment. Tank mix with glyphosate or paraquat.
	Glyphosate	1-4 pts.	Broad-spectrum control of grasses and broadleaf weeds. Depending on formulation, may use 1-2 qts. NIS and 8.5-17 lbs. AMS.
SORGHUM	Gramoxone Inteon	2.5-3.5 pts.	Controls emerged grasses and broadleaf weeds prior to crop emergence. Always use either a COC at 1% v/v, MSO at 1% V/V or NIS at 0.25% V/V.
	Paraquat/others	1.5-2.7 pts.	Controls annual and winter annual broadleaf and grassy weeds.
	Grandstand R	0.66-1.0 pt.	Do not apply within 21 days of planting. Check label for weeds controlled and tank mix partners.
SOYBEANS	Harmony Extra w/Total Sol	0.5.4-0.9 oz.	Tank mix with glyphosate related materials.
	Londax	0.5 oz.	Tank mix with glyphosate related materials.
	NEWPATH	4.0 oz.	APPLY TO CLEARFIELD DESIGNATED RICE VARIETY FIELDS ONLY. Tank mixture of NEWPATH and glyphosate-based products may be applied up to 14 days prior to planting. In conservation tillage systems use a minimum of 20 gpa spray volume. Plan on a sequential 4 oz. postemergent application. Do not apply greater than 8 oz. NEWPATH during the growing season.
	Valor	1-2 oz.	Do not apply within 30 days of planting. Should be tank mixed with labeled burndown herbicides.

PRE-EMERGENT

	PRODUCT	RATE PER ACRE	REMARKS
RICE	Bolero 8E (dry-seeded)	4 pts.	Controls grasses except broadleaf signalgrass. Tank mix with propronil if barnyardgrass or sprangletop have emerged. Apply after soils have been sealed by rainfall or flushing. Soils must remain wet after application.
	Bolero 8E (waterseeded)	4 pts.	Flood within 2-3 days after application, but not within 1 day after application.
FORAGES	Clearpath	0.5 lbs.	APPLY TO CLEARFIELD DESIGNATED RICE VARIETY FIELDS ONLY. Apply no more than one application of Clearpath in a single season.
	Command 3ME	1.1-1.6 pts.	Apply by ground from 14 days prior to planting to 7 days after planting, but prior to weed emergence. Apply in 10-40 gpa using nozzles and tips that produce coarse spray droplets. Observe all restrictions and buffer zones.
SMALL GRAINS	Facet 75DF/others	0.33-0.67 lbs.	For dry-seeded rice. Controls grasses and broadleaf weeds. Check label for recommended rate based upon soil type. Apply after seeding. Keep soil moist. May tank mix with Bolero.
	NEWPATH	4.0 oz.	APPLY TO CLEARFIELD DESIGNATED RICE VARIETY FIELDS ONLY. Preplant incorporated or preemergent up to 14 days prior to planting up to emergence. Plan on a sequential 4 oz. postemergent application. Use 0.25%v/v NIS. Do not apply greater than 8 oz. NEWPATH during the growing season. Can be tank mixed with Facet.
	Ordram 8-E	3-4 pts.	Use only on dry seeded rice. Preplant incorporated. Controls annual grasses. Apply by ground equipment only. Incorporate within minutes. Incorporate evenly to a depth of 1 to 2 inches. Hold water on field for 4 to 6 days following seeding.
LAWN & GARDEN	Prowl 3.3 EC/others	1.8-2.4 pts.	Use only on grain-drilled dry-seeded rice. Controls grasses. Check label for recommended rate based upon soil type. DELAYED PRE ONLY. Apply after rice seed has absorbed water and germinated and the soil has been sealed by rainfall or flushing but before rice emergence. May tank mix with Facet, Bolero, or Glyphosate.

Rice Herbicides

POST-EMERGENT

PRODUCT	RATE PER ACRE	REMARKS
2,4-D Amine	1.0-2.5 pts.	Controls broadleaf weeds. 2,4-D Amine applications may injure rice if not done at precise time. Always consult label. Apply at time of first joint development. Do not apply after panicle initiation. Do not apply if cotton is nearby. Be sure and use a 2,4-D Amine that is labeled for rice.
Aim EC	1.6-3.2 oz.	Apply Aim alone, or as a tank mixture with other rice herbicides to emerged and actively growing weeds. Aim may be applied by ground (10 gpa) or air (3 gpa). Aim may be applied to rice prior to or after flooding. Rate can be increased up to 6.3 oz. after permanent flood establishment.
Arrosolo 3-3E	3.0-4.0 qts.	Controls annual grasses and some broadleaf weeds. Use on dry-seeded or water-seeded rice. Apply when weeds are in the 1-2 leaf stage. Flood the rice within 5 days after application to prevent weed reinfestation.
Basagran	1.5-2.0 pts.	Controls broadleaf weeds. Apply when no water is on the field and at least 24 hours prior to flooding. Use 2 pints crop oil per acre when applying by ground. May tank mix with propanil. When tank mixing with propanil, do not add crop oil.
Beyond	5 oz.	For red rice control in CLEARFIELD DESIGNATED RICE VARIETY FIELD ONLY. Beyond can only be applied following two applications of NEW PATH or sequential applications of NEWPATH/CLEARPATH herbicides. Apply between tillering and 14 days post panicle initiation. A COC must be used.
Bolero 8EC	3 pts.	Controls grasses. Soil should be sealed by rain or flushing. May tank mix with Propanil or Facet 75DF. See label for state recommendations.
Clearpath	0.5 lbs	APPLY TO CLEARFIELD DESIGNATED RICE VARIETY FIELDS ONLY. Apply no more than one application of Clearpath in a single season.
Clincher	13-15 oz.	Used for selective postemergence grass weed control. Always use 1 qt. COC. Spray drift management is critical.
Command 3ME	1.1-1.6 pts.	Apply by ground to rice at the one to two leaf stages to provide preemergence weed control. Apply 10-40 gpa using nozzles and tips that produce coarse spray droplets. Observe all restrictions and buffer zones.
Duet	3-5 qts.	For use on postemergence broadleaf, grass and sedge weeds. Use low rate when grasses have reached the 1 to 3 leaf stage. Should be used with a COC.
Facet 75DF/others	0.33-0.67 lbs.	Controls grasses and some broadleaf weeds. Always add COC at 1 qt. per acre. May tank mix with Bolero, propanil, Basagran, Storm, Prowl or UltraBlazer.
Grandstand R	0.67-1.0 pt.	Controls broadleaf weeds. Only apply when rice is from the 3-4 leaf stage to the 0.5 inch internode elongation stage of development. Check label for water management. When applying Grandstand R alone add 2-4 pts. surfactant per 100 gallons of spray solution. Check label for rates when tank mixing with propanil or Arrosolo 3-3E.
Grasp	2.3-2.8 oz.	Grasp may be applied from emergence (dry-seeded) or 1 leaf (water-seeded) up to 60 days prior to harvest. Flood water must be lowered to expose at least 70% of weed foliage. Do not make more than 1 application, or exceed 2.8 oz. total during the field season.
Londax	1.0-1.66 oz.	Rice should be at the 1 full leaf stage of growth or larger. Maintain water level at time of application and within 7 days so that soil is completely covered with water. May tank mix with Ordram, Bolero, and propanil.
NEWPATH	4.0 oz.	APPLY TO CLEARFIELD DESIGNATED RICE VARIETY FIELDS ONLY. Use 0.25%v/v NIS. Apply when rice is in the 3 to 5 leaf stage. DO NOT apply when rice is in the spike to less than 3 leaf stage. Apply no later than 2 days prior to permanent flood. DO NOT apply into standing water.
Ordram 8E	3 pts.	Postemergence, pre-flood. Dry seeded or water seeded rice. Controls barnyardgrass, broadleaf signalgrass, sprangletop, and dayflower. Apply in a tank mix with propanil. Flood within 5 days of application.
Permit 75WG	0.67-1.33 oz.	Apply to emerged weeds immediately prior to flood. Do not apply into flooded rice.
Propanil (Stam 80 DF, Wham, others)	3.75-4.0 lbs.	Controls broadleaf weeds. Treat when rice will tolerate flooding and grasses are actively growing in the 1 to early 4-leaf stage. Fields should be flooded after application to prevent more grass from germinating.
Propanil (Stam M 4/4E/, Rice Shot, Super Wham, others)	3.0-4.0 qts.	Controls broadleaf weeds. Treat when rice will tolerate flooding and grasses are actively growing in the 1 to early 4-leaf stage. Fields should be flooded after application to prevent more grass from germinating.
Prowl 3.3 EC/Pendimax	1.8-2.4 pts.	Dry-Seeded Rice Only. Controls grasses and some broadleaf weeds. Apply in tank mixture with Arrosolo 3-3E, propanil, or Facet 75DF only. Prowl needs rainfall for activation.
Regiment acres/tacket	5.0-3.75	Controls several grass and broadleaf weeds. Do not apply to rice before the 3-leaf stage or after panicle initiation.
Ricestar HT	13-17 oz.	Use for selective postemergence grass weed control. Do not apply more than 2 application or a total of 30 oz. per season. Do not make a second application within 14 days of the first application.
Storm	1.5 pts.	Controls broadleaf weeds. Apply after tillering to early boot stage. Do not apply when rice field is flooded. Add 1 qt. surfactant per 100 gallons of spray solution or 5 qts. COC per 100 gallons of spray solution. May tank mix with propanil.
UltraBlazer	0.5-1.0 pts.	Controls broadleaf weeds. May be applied between late tillering and early boot stage. Always add COC or NIS. May tank mix with propanil or Facet 75DF.

GENERAL

CORN

SORGHUM

SOYBEANS

COTTON

RICE

FORAGES

SMALL GRAINS

LAWN & GARDEN

SEED

FERTILIZER

Rice Insecticides

	PEST	PRODUCT	RATE/ACRE	REMARKS
CORN	Aphids and Greenbugs	Karate Z/others	1.6-2.56 oz.	Spray when needed. Do not apply within 21 days of harvest. Do not release floodwater within 7 days of application.
		Methyl Parathion 4EC	0.5-1 pt.	Spray when needed. Do not apply within 15 days of harvest or 14 days of propanil application.
		Mustang Max EC	3.2-4.0 oz.	Spray when needed. Do not apply within 14 days of harvest. Do not release floodwater within 7 days of application.
SORGHUM	Armyworm	Warrior II	1.6-2.56 oz.	May only suppress greenbugs due to numerous biotypes. Do not release, flood water for 7 days after an application. Do not apply with in 21 days prior to harvest.
		Karate Z/others	1.6-2.56 oz.	Spray when needed. Do not apply within 21 days of harvest. Do not release floodwater within 7 days of application.
SOYBEANS	Armyworm	Mustang Max EC	3.4-4.0 oz.	Spray when needed. Do not apply within 14 days of harvest. Do not release floodwater within 7 days of application.
		Sevin 80S	1.25-1.87 lbs.	Spray when needed. Do not apply within 14 days of harvest. Do not apply within 15 days before or after propanil application.
		Sevin XLR	1.0-1.5 qts.	Spray as needed. Do not apply within 14 days of harvest. Do not apply within 15 days before or after propanil application. Do not release floodwater within 7 days of application.
COTTON	Armyworm	Warrior II	1.6-2.56 oz.	Do not release, flood water for 7 days after application. Do not apply with in 21 days prior to harvest.
		Chinch Bug	Karate Z/others	1.6-2.56 oz.
RICE	Chinch Bug	Mustang Max EC	2.64-4.0 oz.	Spray when needed. Do not apply within 14 days of harvest. Do not release floodwater within 7 days of application.
		Sevin 80S	1.25-1.87 lbs.	Spray as needed. Do not apply within 14 days of harvest. Do not apply within 15 days before or after propanil application.
		Sevin XLR	1.0-1.5 qts.	Spray as needed. Do not apply within 14 days of harvest. Do not apply within 15 days before or after propanil application. Do not release floodwater within 7 days of application.
		Warrior II	1.6-2.56 oz.	Do not release, flood water for 7 days after application. Do not apply with in 21 days prior to harvest.
		Grasshoppers	Karate Z/others	1.6-2.56 oz.
FORAGES	Grasshoppers	Malathion	1.0-1.5 pts.	Spray when needed. Applications may not be made around bodies of water where fish or shellfish are grown and/or harvested commercially.
		Methyl Parathion 4EC	1.0 pt.	Do not apply within 15 days of harvest or 14 days of propanil application.
SMALL GRAINS	Grasshoppers	Mustang Max EC	3.2-4.0 oz.	Spray when needed. Do not apply within 14 days of harvest. Do not release floodwater within 7 days of application.
		Warrior II	1.6-2.56 oz.	Do not release, flood water for 7 days after application. Do not apply with in 21 days prior to harvest.
LAWN & GARDEN				
SEED				
FERTILIZER				

Rice Insecticides

PEST	PRODUCT	RATE/ACRE	REMARKS
Rice Stink Bug	Karate Z/others	1.6-2.56 oz.	Spray when needed. Do not apply within 21 days of harvest. Do not release floodwater within 7 days of application.
	Malathion	1-1.5 pts.	Spray as needed. Do not apply within 15 days of propanil application.
	Methyl Parathion 4EC	0.5-1.0 pts.	Do not apply within 15 days of harvest or 14 days of propanil application.
	Mustang Max EC	2.64-4.0 oz.	Spray when needed. Do not apply within 14 days of harvest. Do not release floodwater within 7 days of application.
	Sevin 80S	1.25-1.87 lbs.	Spray as needed. Do not apply within 14 days of harvest. Do not apply within 15 days before or after propanil application.
	Sevin XLR	1-1.5 qts.	Spray as needed. Do not apply within 14 days of harvest. Do not apply within 15 days before or after propanil application. Do not release floodwater within 7 days of application.
	Warrior II	1.6-2.56 oz.	Do not release, flood water for 7 days after application. Do not apply with in 21 days prior to harvest.
Rice Water Weevil (adult)	Dimilin 2L	12-16 oz.	For drill seeded, dry seeded or water seeded delayed flooded rice: Apply 2-5 days after permanent flood establishment. For water seeded, pinpoint flood, or continuous flooded rice: Apply 8 oz. after permanent flood when rice leaves are exposed above water surface. A second 8 oz. application must be made 5-7 days after the first application.
	Karate Z/others	1.6-2.56 oz.	Spray when needed. Do not apply within 21 days of harvest. Do not release floodwater within 7 days of application.
	Mustang Max EC	3.2-4.0 oz.	For dry seeded rice: Do not exceed 10 days from starting permanent flood until application, unless scouting indicates weevils have not been previously present. For water seeded rice: When weevils are present, application should begin when rice has emerged 0.5 inches above waterline. Do not release floodwater within 7 days of application. Do not apply within 14 days of harvest.
	Warrior II	1.6-2.56 oz.	Do not release, flood water for 7 days after application. Do not apply with in 21 days prior to harvest.

GENERAL

CORN

SORGHUM

SOYBEANS

COTTON

RICE

FORAGES

SMALL GRAINS

LAWN & GARDEN

SEED

FERTILIZER