



# **GROWING**







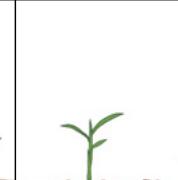

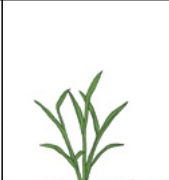














# **SOLUTIONS**

**FOR MID-SOUTH RICE  
2019-2020**



## Rice Solutions from Valent U.S.A.

Valent U.S.A. offers rice growers proven solutions to maximize stand, yield and plant health while helping prevent insects, weeds and diseases. With a range of proven solutions to fit your operation, trust Valent to protect your rice yield this season.

												
	Seed Treatment	At Planting	Germination	1st Leaf	2nd Leaf	3rd Leaf	Tiller Initiation	Tillering	Panicle Initiation	Flowering	Post-Flowering	After Harvest (fall to 30 days prior to planting)
SEED PROTECTION	 Seed-applied insect protection											
	 Fungicide and insecticide seed protection											
	 Seed protection for plant and soil health											
INSECT CONTROL				 Foliar insect control								
WEED CONTROL		 Preemergence weed control										
		 Foundation weed control										
						 Postemergence weed control						
											 Broad spectrum herbicide	
PLANT GROWTH REGULATORS	 Seed-applied PGR											
				 Foliar PGR for higher yield					 Foliar PGR for higher yield			

SEED PROTECTION

INSECT CONTROL

WEED CONTROL

PLANT GROWTH REGULATORS

Product	Active Ingredient	Key Benefits	Typical Rate* (Rate Range)	Applicaton Timing/Useage Information	Additives	REI/PHI	Key Insects/Weeds/Diseases/Other
 NipsIt INSIDE	Clothianidin	- Proprietary Lock Tight™ Technology delivers ease of use, outstanding retention on seed and unmatched protection of the grower’s single most important input – the seed	1.92 fl oz/cwt	Apply as seed treatment	Use of seed colorant required	N/A	Rice water weevil, grape colaspis, chinch bug, thrips, aphids and black bugs; for use in dry-seeded rice only
 NipsIt SUITE	Clothianidin ( <i>NipsIt INSIDE</i> ); fludioxonil (Spirato™); metalaxyl (Sebring™)	- Protects against a wide spectrum of insects and diseases including Pythium damping-off, grape colaspis, rice water weevil and chinch bug - Offers smooth flowability in the seed treater to ensure a consistent, even application - Water solubility advantage over competition	- <i>NipsIt INSIDE</i> : 1.92 fl oz/cwt - Spirato: 0.08 fl oz/cwt - Sebring: 0.10–0.375 fl/oz cwt - Total Slurry of 2.4 oz/cwt	Apply as seed treatment; <i>NipsIt SUITE System</i> comes with 24 gallons of <i>NipsIt INSIDE</i> , 4 quarts of Spirato 480 FS fungicide and 5 gallons of Sebring 318 FS fungicide	Use of seed colorant required	N/A	<b>Insects:</b> rice water weevil, grape colaspis, chinch bug, thrips, aphids and black bugs <b>Diseases:</b> Pythium damping-off, decay and damping-off and seedling blight caused by seedborne and soilborne fungi; for use in dry-seeded rice only
 Myco Apply EndoFuse™	Multiple species of mycorrhizal fungi	- Enhances nutrient uptake, particularly Zn - Expands root absorption area - Enhances stand counts - Compatible with <i>NipsIt Suite Rice System</i>	0.19–0.65 fl oz/cwt	Apply as seed treatment	None	None	Colonizes rice plants, and through an expanded hyphal network, expands root absorption area
 BELAY INSECTICIDE	Clothianidin	- Only translaminar insecticide in the marketplace for rice water weevil - Contact and ingestion activity on key pests makes it a reliable tool year over year - Resistance management tool and excellent rotation partner due to its different mode of action (Group 4A) - Excellent for IPM: softer on beneficial pest predators	4.5 fl oz/A	Pre-or post-flood; foliar spray; apply in at least 1 gal/A by ground, 3 gal/A by air	No restrictions	12 hrs/up to 3rd tiller	Rice water weevil, leafhoppers, plant bugs, stink bugs, beetles, chinch bug (suppression); suppresses thrips in dry- and wet-seeded rice
 LEAGUE HERBICIDE	Imazosulfuron	- Fit for use on conventional or Clearfield® rice - Provides solid preemergence residual control of yield-robbing weeds - Offers postemergence control for best fit in weed program	3.2–6.4 oz/A	<b>Preemergence:</b> 6.4 fl oz/A <b>Sequential (preemergence or early postemergence, pre-flood):</b> 3.2 oz/A	See approved surfactant sheet	12 hrs/2” internode elongation	Jointvetch, hemp sesbania, Texasweed, morning glory, nutsedge and many more broadleaf, aquatic and sedge weeds
 BOLERO 8 EC	Thiobencarb	- Controls tough-to-manage sprangletop, plus aquatics and annual sedges - Great fit in dry- or water-seeded rice production - Works well in conventional or Clearfield® rice - Compatible with other delayed preemergence applications, allowing growers to get early control of yield-impacting weeds	3–4 pt/A	<b>Dry-Seeded, Delayed Preemergence:</b> 3–5 days after rice seeding <b>Early Postemergence (for emerged sprangletop):</b> before grass is 2 leaf <b>Water-Seeded, Preplant:</b> flood field 1–3 days after application, let water stand for 2 days before seeding with pre-germinated seed	No restrictions	4 hrs/N/A	Sprangletop, aquatics, annual sedges
 Regiment	Bispyribac-sodium	- Controls broadleaf, aquatic and grass weeds	0.40–0.67 oz/A	<b>Early Postemergence, Pre-Flood Rice:</b> 0.2 oz/A (rice must be at 2-leaf stage) <b>Late Postemergence, Pre-Flood:</b> 0.5–0.6 oz/A (apply at 3–6 leaf stage, prior to fertilizer and flood) <b>Post-Flood Treatment:</b> 0.6–0.67 oz/A (apply prior to green ring); Max 1.06 oz/A in one season; do not mix with propanil-containing products	See approved surfactant sheet	12 hrs/green ring	Barnyardgrass, hemp sesbania, Johnsongrass, eclipta and many more broadleaf, aquatic and grass weeds
 VALOR	Flumioxazin	- Excellent residual preemergence herbicide - Winter weed control to help start clean	2 oz/A	30 days and 1 inch of rainfall/irrigation before planting; max 2 oz/yr	NIS 1 qt/100 gallons	12 hrs/N/A	Palmer amaranth, pigweeds, hemp sesbania, morning glory, annual grass suppression and many more
 Release®	Gibberellic Acid	- Increases final stand density and uniformity leading to better yields - Maximizes seed value and performance - Proven industry standard for over 20 years	0.18–0.7 oz product in 8–20 fl oz water/100 lb seed	Apply as seed treatment	N/A	N/A	<i>Release</i> is NOP compliant and OMRI listed for organic production. 
 ProGibb®	Gibberellin	- Enhances plant growth and development	<i>ProGibb</i> LV PLUS rate: 2–3.5 fl oz/A	To promote yield enhancement of ratoon crop rice, apply post-flowering through soft dough stage	N/A	4 hrs/N/A	<i>ProGibb</i> LV Plus is NOP compliant and OMRI listed for organic production. 

\*See label for full rates and instructions.





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**Always read and follow label instructions.**

<sup>1</sup>*NipsIt SUITE Rice System* is a promotional combination of *NipsIt INSIDE* Insecticide (EPA reg. #59639-151) from Valent U.S.A. LLC, Sebring™ 318 FS Fungicide (EPA reg. #55146-107) and Spirato™ 480 FS Fungicide (EPA reg. #55146-116) from Nufarm Americas Inc.

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*ProGibb* and *Release* are NOP compliant and OMRI listed for organic production. 