

Horizon Ag PVL01 Characteristics and Management Recommendations



Even at higher nitrogen rates, the plant color of PVL01 will be a lighter green than other pure-line varieties.

Horizon Ag will launch the **Provisia™ Rice System** in 2018, providing farmers with an effective new tool to manage weedy rice, including rice volunteers that are resistant to herbicides like Newpath® and Beyond®, and multi-herbicide resistant grasses.

PVL01 is the first Provisia varietal release and will be available on limited acres for the 2018 production season, ahead of a full launch in 2019.

PVL01 Characteristics and Management Recommendations

Vigor: Excellent

Plant Type: Semi-dwarf
Light green in color

Height: 35 inches

Maturity: 89 days to 50% heading

Disease Ratings	VS	S	MS	MR	R
SHEATH BLIGHT			•		
BLAST*		•			
BACTERIAL PANICLE BLIGHT*		•			
NARROW BROWN LEAF SPOT*				•	
FALSE SMUT		•			

VS = Very Susceptible S = Susceptible MS = Moderately Susceptible MR = Moderately Resistant R = Resistant
*Reactions may differ due to variability of strains among pathogens.

Agronomics

Seeding Rate: 50-70 lbs seed/A¹

Nitrogen Rate: 150-180 lbs N/A²

¹The suggested seeding rate has a wide range due to differing soil types and environments over the Mid-South growing region. These recommendations are for fungicide/insecticide treated seed. If no seed treatment is used, then the seeding rate should be increased by 10 lbs/A.

²Fertilizer should be applied in a two-way split system with the bulk of the nitrogen fertilizer applied to dry ground pre-flood and the remaining 46 lbs N/A applied in the flood three weeks later.

PVL01 has an optimum stand count of 10-15 plants per square foot, less than other pure-line varieties. However, the large seed size of PVL01 must be taken into consideration. Horizon Ag will publish PVL01 seed size before planting season to ensure correct calibration for drills.

According to university nitrogen studies by variety, the suggested nitrogen rate for PVL01 will be up to 30 lbs N/A higher than Clearfield pure-line varieties. Higher nitrogen rates can increase disease pressure, so proper scouting for disease is recommended.

Contact your Horizon Ag rice seed retailer if you are interested in planting PVL01. If

you have any other questions around the variety or the system, please don't hesitate to reach out to me.

Sunny Bottoms

Technical Services Manager

(225) 241-5526

www.horizonseed.com
