

2020 | Variety Characteristics and Suggested Management Practices

Variety	Height ¹ (inches)	Maturity ² (days to 50% heading)	Suggested Seeding Rate ³ (lb seed/A)	Suggested Nitrogen Rate ⁴ (lb N/A)
PVL01	35	89	50-70	120-160
NEW PVL02	42	85	50-70	120-160
CL111	39	77	60-70	120-160
CL151	41	81	55-65	90-150
CL153	42	81	60-70	120-160
CL163	41	83	60-70	120-160
NEW CLL15	38	81	60-70	120-160
NEW CLM04	42	86	60-70	120-160
CLJ01	38	85	60-70	120-160

¹Height will vary with plant density and environmental conditions.

²Maturity varies with geographical region and environmental conditions in a given year.

³Optimum drill seeded planting rate is only for fungicide treated seed. If using non-treated seed, the seeding rate should be increased by a minimum of 10 lbs/A.

⁴Optimal nitrogen rate varies from field to field. The high end should be reserved for heavy clay soils and fields where rice is followed by rice. Using the high end of the nitrogen and seeding rate recommendations may increase the incidence of disease. Please scout and treat the Clearfield® varieties accordingly.

The NST-R program is recommended where applicable and has been shown to decrease incidences of disease and lodging. Please contact your local Cooperative Extension office for more information.

For Best Variety Performance:



- Plant early in the season

- To ensure optimal herbicide performance, apply imazethapyr (Newpath®) containing herbicides twice at a 4-6 oz/A rate from pre-emergence to pre-flood timing followed by Beyond® at 5 oz/A if needed



- Integrate residual herbicides* at pre-emergence and/or delayed pre-emergence using Sharpen® herbicide with either Command® 3ME pre-emergence or Prowl® H₂O delayed pre-emergence

For optimal results with Clearfield and Provisia varieties, apply Premium Seed Treatments using Release® or an equivalent gibberellic acid (GA3) plant growth regulator with CruiserMaxx® Rice or combinations of Maxim® plus Apron® and Dermacor® or NipsIt INSIDE®

*Tank mixing is not recommended if it can be avoided. Do not mix products containing propanil with Provisia herbicide.



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2020 VARIETY GUIDE

Performance for Your Farm



Always read and follow label directions.

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Performance for Your Farm

Rice Varieties That Are Bred to Perform

Horizon Ag provides farmers with effective tools and technology farmers need to be more successful this season, and every season.

And this year, we're excited to release new Provisia® and Clearfield® varieties, giving farmers even more high-yielding rice options to choose from.

PVL02 is the second Provisia variety and promises improved yield potential and milling. It is also several days earlier in maturity as compared to PVL01.

Farmers can expect high yield and excellent grain quality from new **CLL15**, a long grain rice, and **CLM04**, a medium grain variety. The two Clearfield varieties released by the University of Arkansas System Division of Agriculture are highly anticipated by rice farmers to help maximize profitability.

The new varieties continue Horizon Ag's 20-year legacy of offering rice varieties that enable farmers to meet the challenges they face while producing a product that returns more to their bottom line.



The Cleanest Fields Two Years Running

The Provisia Rice System is the ideal companion system to Clearfield rice, providing farmers with another effective tool to manage weedy rice, including rice volunteers that are resistant to herbicides like Newpath® and Beyond®, and also multi-herbicide-resistant grasses.

PVL01

- First Provisia® herbicide tolerant variety
- Outstanding seedling vigor
- Exceptional tillering
- Superior grain and cooking quality
- Good yield potential

NEW PVL02

- Newly released Provisia variety
- Improved yield and milling compared to PVL01
- Exceptional tillering
- Superior cooking quality



CL111

- Excellent vigor with high yield potential
- Outstanding grain quality and milling
- Exceptional ratoon crop performance
- Kellogg's® preferred long grain

CL151

- Exceptional yield potential
- Uses nitrogen efficiently
 - Manage nitrogen input to reduce lodging and disease pressure
- Susceptible to blast; not recommended for fields with a history of blast or water issues

CL153

- Exceptional seedling vigor
- Yield potential equivalent to CL151
- Outstanding grain quality and milling
- Blast resistance
- Lodging resistance

CL163

- Excellent yield potential and seedling vigor
- Outstanding grain quality and milling
- Exceptional cooking quality
 - Extra-high amylose content compared to current long grain varieties
 - Ideal for parboil, canning, food services or package rice
- Susceptible to blast; not recommended for fields with a history of blast or water issues

NEW CLL15

- Exceptional yield potential
- Broad-spectrum blast resistance
- Excellent milling quality
- Moderately resistant to lodging
- Early maturing

NEW CLM04

- First Clearfield medium grain variety released by University of Arkansas
- Yield potential similar to Jupiter
- Very good grain quality
- Improved blast resistance compared to Jupiter

CLJ01

- First Clearfield Jasmine type variety
- Very good aroma
- Premium grain appearance and milling
- Excellent yield potential
- Very good disease package

DISEASE RATINGS

Variety	Sheath Blight	Blast*	Straight Head	Bacterial Panicle Blight*	Narrow Brown Leaf Spot*	Kernel Smut	False Smut	Lodging
PVL01	S	VS	-	S	MR	-	S	MR
NEW PVL02	S	MS	-	S	S	-	MS	MS
CL111	VS	MS	S	VS	S	S	S	MS
CL151	S	VS	VS	VS	S	S	S	S
CL153	S	MS ¹	MS	MS	MS	S	S	MR
CL163	VS	S	MR	MS	R	MS	-	MS
NEW CLL15	S	MR	S	S	-	S	S	MR
NEW CLM04	S	S	S	VS	-	S	S	MS
CLJ01	MS	MR	MS	S	MS	-	MS	-

VS = Very Susceptible S = Susceptible MS = Moderately Susceptible MR = Moderately Resistant R = Resistant

*Reactions may differ due to variability of strains among pathogens.

¹This variety has genetic markers for *Pita*, which confers resistance to the following blast races: IA45, IB1, IB49, IB54, IB45, IH1, IG1, IC17, IE1.