

# 2021 | Variety Characteristics and Suggested Management Practices

Variety	Height <sup>1</sup> (inches)	Maturity <sup>2</sup> (days to 50% heading)	Suggested Seeding Rate <sup>3</sup> (lb seed/A)	Suggested Nitrogen Rate <sup>4</sup> (lb N/A)
PVL02	42	85	45-55	90-150
<b>NEW</b> CLL16	42	86	70-80	90-150
<b>NEW</b> CLL17	39	81	45-60	90-130
CLL15	38	81	55-70	120-160
CL111	39	77	60-70	120-160
CL151	41	81	50-60	90-150
CL153	42	81	60-70	120-160
CL163	41	83	50-65	120-160
CLM04	42	86	60-70	120-160
CLJ01	38	85	60-70	120-160

<sup>1</sup> Height will vary with plant density and environmental conditions.

<sup>2</sup> Maturity varies with geographical region and environmental conditions in a given year.

<sup>3</sup> Optimum 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.

<sup>4</sup> Optimal 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 NSI®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<sup>5</sup> at pre-emergence and/or delayed pre-emergence using Sharpen® herbicide with either Command® 3ME pre-emergence or Prowl® H<sub>2</sub>O 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®

<sup>5</sup> Quantities limited in 2021.

<sup>6</sup> Tank mixing is not recommended if it can be avoided. Do not mix products containing propanil with Provisia herbicide.



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Always read and follow label directions.

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Performance for Your Farm



## 2021 VARIETY GUIDE





## Performance is...

### Clearfield® and Provisia® rice varieties that help you set the stage for success.

For 2021, two new high-performance Clearfield varieties join our already strong line-up:

**CLL16** is a Clearfield® long grain variety from the University of Arkansas breeding program that offers farmers the “complete package” for yield, quality and blast resistance.

**CLL17** is a Louisiana-bred line proven to consistently out-yield CL153 with outstanding blast resistance. It also provides excellent milling yield and very good grain quality.



### The Cleanest Fields Year After Year

The Provisia Rice System is the ideal companion system to Clearfield rice, providing farmers with a different mode of action to help manage weedy rice, including rice volunteers that are resistant to herbicides like Newpath® and Beyond®, and also multi-herbicide-resistant grasses.

### PVL02

- Newly released Provisia variety
- Improved yield and milling compared to PVL01
- Nine days earlier in maturity compared to PVL01
- Exceptional tillering
- Superior cooking quality



### NEW CLL16

- Exceptional yield performance
- Broadly adapted for the region
- Excellent milling characteristics
- Industry-leading blast resistance
- Excellent standability

### NEW CLL17

- Early-season, semi-dwarf long grain
- Strong yielder, consistently out-yielding CL153
- Requires lower nitrogen
- Excellent milling yield
- Very good grain quality
- Resistant to blast and *Cercospora*

### CLL15

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

### 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
- Requires lower nitrogen rate
  - 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

### 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
PVL02	MS	MS	-	S	MS	-	MS	MS
NEW CLL16 <sup>1</sup>	S	MS	-	S	MR	-	MS	MR
NEW CLL17 <sup>1</sup>	S	R	-	MR	MR	-	MR	S
CLL15 <sup>1</sup>	S	MS	MS	S	MS	S	S	MR
CL111 <sup>1</sup>	VS	MS	S	VS	S	S	S	MS
CL151	S	VS	VS	VS	S	S	S	S
CL153 <sup>1</sup>	S	MS	MS	MS	MS	S	S	MR
CL163	VS	S	MR	MS	R	MS	-	MS
CLM04	MS	S	MS	MS	MS	-	S	S
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.

<sup>1</sup>This variety has genetic markers for *Piz1*, which confers resistance to the following blast races: IA45, IB1, IB49, IB54, IB45, IH1, IG1, IC17, IE1.