

**Horizon Ag CLEARFIELD® Rice  
Variety Numbering System.**

**CL131**

- CLEARFIELD Tolerance
- Grain Type (1=long grain, 2=medium grain, 3=short grain)
- Maturity (smaller number = earlier maturity)
- Sequence (number of variety in a particular maturity group)



**Milling Information**  
for CLEARFIELD® Rice Varieties



# CL131\*

## Grain Properties

- 20% Milling Quality (% hulls)
- 67% Milling Yield (% whole kernel head rice to rough rice)
- 7.18% Protein
- 24.1% Amylose
- 3.9 Alkali Spreading Value/1.7% KOH Solution
- Intermediate (5) Gelatinization Temperature

## Measurements

Grain Form	Length (mm)	Width (mm)	Thickness (mm)	L/W Ratio	1000 Grains (g)
Paddy	9.06	2.53	2.03	3.58	19.8
Brown	7.14	2.22	1.72	3.22	17.1
Milled	6.62	2.18	1.67	3.04	16.8

\*Information provided by LSU Rice Research Station, Crowley, LA.

## Grain

Seed Coat Color.....Light Brown  
 Endosperm Type .....Nonglutinous (non-waxy)  
 Endosperm Translucency...Clear  
 Endosperm Chalkiness .....Small  
 Scent .....Non-scented

## Shape Class

Paddy ..... Long (3.4:1 and More)  
 Brown ..... Long (3.1:1 and More)  
 Milled ..... Long (3.0:1 and More)

# CL161\*

## Grain Properties

- 19% Milling Quality (% hulls)
- 66% Milling Yield (% whole kernel head rice to rough rice)
- 7.8% Protein
- 21.8% Amylose
- 4.1 Alkali Spreading Value/1.7% KOH Solution
- Intermediate (5) Gelatinization Temperature

## Measurements

Grain Form	Length (mm)	Width (mm)	Thickness (mm)	L/W Ratio	1000 Grains (g)
Paddy	9.18	2.50	1.87	3.67	20.1
Brown	7.01	2.18	1.60	3.21	17.4
Milled	6.83	2.12	1.58	3.22	16.9

\*Information provided by LSU Rice Research Station, Crowley, LA.

## Grain

Seed Coat Color.....Light Brown  
 Endosperm Type .....Nonglutinous (non-waxy)  
 Endosperm Translucency...Clear  
 Endosperm Chalkiness .....Small (less than 10% of sample)  
 Scent .....Non-scented

## Shape Class

Paddy ..... Long (3.4:1 and More)  
 Brown ..... Long (3.1:1 and More)  
 Milled ..... Long (3.0:1 and More)

# CL151\*

## Grain Properties

- 20.7% Milling Quality (% hulls)
- 63.4% Milling Yield (% whole kernel head rice to rough rice)
- 7.3% Protein
- 22.1% Amylose
- 3 to 5 Alkali Spreading Value/1.7% KOH Solution
- Intermediate (5) Gelatinization Temperature

## Measurements

Grain Form	Length (mm)	Width (mm)	Thickness (mm)	L/W Ratio	1000 Grains (g)
Paddy	8.74	2.61	1.95	3.35	22.4
Brown	6.68	2.22	1.74	3.01	17.9
Milled	6.36	2.14	1.72	2.97	17.6

\*Information provided by LSU Rice Research Station, Crowley, LA.

## Grain

Seed Coat Color.....Light Brown  
 Endosperm Type .....Nonglutinous (non-waxy)  
 Endosperm Translucency...Clear  
 Endosperm Chalkiness .....Small  
 Scent .....Non-scented

## Shape Class

Paddy ..... Long (3.4:1 and More)  
 Brown ..... Long (3.1:1 and More)  
 Milled ..... Long (3.0:1 and More)

# CL171-AR\*\*

## Grain Properties

- 15-20% Milling Quality (% hulls)
- 65% Milling Yield (% whole kernel head rice to rough rice)
- 7.8% Protein
- 22.3% Amylose
- 3 to 5 Alkali Spreading Value/1.7% KOH Solution
- Intermediate (5) Gelatinization Temperature

## Measurements

Grain Form	Length (mm)	Width (mm)	Thickness (mm)	L/W Ratio	1000 Grains (g)
Paddy	8.70	2.53	1.94	3.47	22.1
Brown	6.29	2.18	1.70	3.17	19.0
Milled	6.53	2.11	1.63	3.09	17.9

\*\*Information provided by the University of Arkansas Rice Research and Extension Center.

## Grain

Seed Coat Color.....Light Brown  
 Endosperm Type .....Nonglutinous (non-waxy)  
 Endosperm Translucency...Clear  
 Endosperm Chalkiness .....Small  
 Scent .....Non-scented

## Shape Class

Paddy ..... Long (3.4:1 and More)  
 Brown ..... Long (3.1:1 and More)  
 Milled ..... Long (3.0:1 and More)