

# CLEARFIELD XL729

CLEARFIELD

XL729

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XL729

First released in 2007, CLEARFIELD XL729 is RiceTec's workhorse CLEARFIELD hybrid. With improved yield potential over previous RiceTec CLEARFIELD hybrids, CLEARFIELD XL729 has been a dominant force in the Southern long-grain market.

U.S. Market and Quality Type: Southern Long-Grain

## PHYSICAL PROPERTIES

### Grain Dimensions

Type	Length (mm)	Width (mm)	Thickness (mm)	L/W Ratio	1,000-Kernel wt. (g)
Paddy	9.43	2.66	1.98	3.54	25.77
Brown	7.25	2.31	1.77	3.14	21.77
Milled	6.88	2.27	1.74	3.03	20.13

## PHYSICOCHEMICAL PROPERTIES

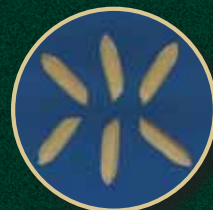
Apparent Amylose Content – 20.1%  
Alkali Spreading Value (1.7% KOH) – 4.7  
Gelatinization Temperature – 70.0°C

### Rapid Visco Analyzer

Peak Viscosity	263
Trough Viscosity	126
Breakdown*	137
Final Viscosity	247
Setback†	-16
Pasting Temperature	82.3°C

\*Breakdown =  
Peak Viscosity – Trough Viscosity

†Setback =  
Final Viscosity – Peak Viscosity



Paddy



Brown



Milled



CLEARFIELD  
 XL745  
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 XL745

Released in 2008, CLEARFIELD XL745 has become the dominant CLEARFIELD choice among rice growers. With improvements in grain retention and stress tolerance, CLEARFIELD XL745 has raised the bar. CLEARFIELD XL745 is the leading RiceTec product for 2011.

U.S. Market and Quality Type: Southern Long-Grain

## PHYSICAL PROPERTIES

### Grain Dimensions

Type	Length (mm)	Width (mm)	Thickness (mm)	L/W Ratio	1,000-Kernel wt. (g)
Paddy	9.61	2.71	1.97	3.54	26.66
Brown	7.44	2.35	1.76	3.17	22.72
Milled	7.13	2.31	1.71	3.08	21.00

## PHYSICOCHEMICAL PROPERTIES

Apparent Amylose Content – 20.1%  
 Alkali Spreading Value (1.7% KOH) – 4.9  
 Gelatinization Temperature – 70.3°C

### Rapid Visco Analyzer

Peak Viscosity	253
Trough Viscosity	128
Breakdown*	125
Final Viscosity	247
Setback†	-6
Pasting Temperature	82.7°C

\*Breakdown =  
 Peak Viscosity – Trough Viscosity

†Setback =  
 Final Viscosity – Peak Viscosity



Paddy



Brown



Milled





CLEARFIELD  
XP756  
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XP756

CLEARFIELD XP756 is a new release for 2011. This hybrid is late-maturing, allowing growers to spread harvest without sacrificing planting time. With improved sheath blight tolerance and better grain retention than CLEARFIELD XL745, this hybrid carries RiceTec's industry-leading disease package on the CLEARFIELD platform.  
U.S. Market and Quality Type: Southern Long-Grain

## PHYSICAL PROPERTIES

### Grain Dimensions

Type	Length (mm)	Width (mm)	Thickness (mm)	L/W Ratio	1,000-Kernel wt. (g)
Paddy	9.23	2.70	2.00	3.42	25.80
Brown	6.90	2.32	1.79	2.97	21.93
Milled	6.55	2.28	1.73	2.87	20.47

## PHYSICOCHEMICAL PROPERTIES

Apparent Amylose Content – 20.7%  
Alkali Spreading Value (1.7% KOH) – 3.9  
Gelatinization Temperature – 72.7°C

### Rapid Visco Analyzer

Peak Viscosity	282
Trough Viscosity	146
Breakdown*	136
Final Viscosity	278
Setback†	-4
Pasting Temperature	83.1°C

\*Breakdown =  
Peak Viscosity – Trough Viscosity

†Setback =  
Final Viscosity – Peak Viscosity



Paddy



Brown



Milled



# XL723

# XL723

# XL723

# XL723

# XL723

# XL723

Released in 2005, XL723 is an early-maturing conventional long-grain hybrid. It has exhibited excellent yield potential, good straw strength, market-leading disease resistance, and stable milling yields. XL723 is the workhorse of RiceTec's 2011 conventional hybrid lineup.

U.S. Market and Quality Type: Southern Long-Grain

## PHYSICAL PROPERTIES

### Grain Dimensions

Type	Length (mm)	Width (mm)	Thickness (mm)	L/W Ratio	1,000-Kernel wt. (g)
Paddy	9.68	2.52	1.94	3.84	25.91
Brown	7.51	2.24	1.81	3.35	22.00
Milled	7.08	2.15	1.70	3.29	19.77

## PHYSICOCHEMICAL PROPERTIES

Apparent Amylose Content – 20.5%  
Alkali Spreading Value (1.7% KOH) – 4.8  
Gelatinization Temperature – 70.5°C

### Rapid Visco Analyzer

Peak Viscosity	257
Trough Viscosity	124
Breakdown*	133
Final Viscosity	247
Setback†	-10
Pasting Temperature	82.7°C

\*Breakdown =  
Peak Viscosity – Trough Viscosity

†Setback =  
Final Viscosity – Peak Viscosity



Paddy



Brown



Milled





# XP753

# XP753

# XP753

# XP753

# XP753

Making its debut in 2011, XP753 is an early-maturing conventional long-grain hybrid. It has exhibited excellent yield potential, good straw strength, improved grain retention and excellent disease tolerance. XP753 is very similar in maturity and plant type to XL723.

U.S. Market and Quality Type: Southern Long-Grain

## PHYSICAL PROPERTIES

### Grain Dimensions

Type	Length (mm)	Width (mm)	Thickness (mm)	L/W Ratio	1,000-Kernel wt. (g)
Paddy	9.24	2.48	1.93	3.73	24.75
Brown	7.15	2.14	1.73	3.34	20.04
Milled	6.84	2.09	1.67	3.27	18.10

## PHYSICOCHEMICAL PROPERTIES

Apparent Amylose Content – 18.1%

Alkali Spreading Value (1.7% KOH) – 3.0

Gelatinization Temperature – 73.7°C

### Rapid Visco Analyzer

Peak Viscosity	240
Trough Viscosity	125
Breakdown*	115
Final Viscosity	243
Setback†	+3
Pasting Temperature	86.7°C

\*Breakdown =  
Peak Viscosity – Trough Viscosity

†Setback =  
Final Viscosity – Peak Viscosity



Paddy



Brown



Milled



XP754  
XP754  
**XP754**  
XP754  
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XP754

New for 2011, XP754 is a late-maturing, conventional hybrid with improved grain retention and higher tolerance to sheath blight. XP754 matures approximately 10 days later than XL723, which will allow growers to plant quickly and spread harvest, allowing for better grain quality. U.S. Market and Quality Type: Southern Long-Grain

## PHYSICAL PROPERTIES

### Grain Dimensions

Type	Length (mm)	Width (mm)	Thickness (mm)	L/W Ratio	1,000-Kernel wt. (g)
Paddy	9.29	2.69	2.00	3.45	25.44
Brown	6.93	2.31	1.80	3.00	22.00
Milled	6.57	2.27	1.72	2.90	19.56

## PHYSICOCHEMICAL PROPERTIES

Apparent Amylose Content – 20.2%  
Alkali Spreading Value (1.7% KOH) – 3.9  
Gelatinization Temperature – 73.3°C

### Rapid Visco Analyzer

Peak Viscosity	286
Trough Viscosity	148
Breakdown*	138
Final Viscosity	277
Setback†	-9
Pasting Temperature	83.3°C

\*Breakdown =  
Peak Viscosity – Trough Viscosity

†Setback =  
Final Viscosity – Peak Viscosity



Paddy



Brown



Milled

