



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 the 2011 RiceTec conventional hybrid lineup.

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

**PHYSICAL PROPERTIES: GRAIN DIMENSIONS**

Type	Length (mm)	Width (mm)	Thickness (mm)	LW 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 (Peak Viscosity minus Trough Viscosity): 133  
 Final Viscosity: 247 | Setback (Final Viscosity minus Peak Viscosity): -10  
 Pasting Temperature: 82.7°C



Released 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)	LW 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	18.1

#### 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 (Peak Viscosity minus Trough Viscosity): 115

Final Viscosity: 243 | Setback (Final Viscosity minus Peak Viscosity): 3

Pasting Temperature: 86.7°C



XL760 represents the next step in the evolution of RiceTec's traditional rice products. It is an improvement on the best attributes provided in the lineage of XL723, with superior milling yield, superior disease package and improved grain retention.

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

#### PHYSICAL PROPERTIES: GRAIN DIMENSIONS

Type	Length (mm)	Width (mm)	Thickness (mm)	LW Ratio	1,000-Kernel wt. (g)
Paddy	9.06*	2.62*	2.23*	3.46	23.00
Brown	7.19*	2.26*	1.66*	3.21	19.66
Milled	6.75*	2.22*	1.64*	3.01	17.33

#### PHYSICOCHEMICAL PROPERTIES

Apparent Amylose Content – 19.8%\*

Alkali Spreading Value (1.7% KOH) – 3.9

Gelatinization Temperature – 72.9°C\*

#### RAPID VISCO ANALYZER

Peak Viscosity: 239\* | Trough Viscosity: 124\* |

Breakdown (Peak Viscosity minus Trough Viscosity): 115\*

Final Viscosity: 243\* | Setback (Final Viscosity minus Peak Viscosity): 4\*

Pasting Temperature: 83.4°C\*



First released in 2007, Clearfield® XL729 has been the workhorse Clearfield hybrid from RiceTec. 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)	LW 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 (Peak Viscosity minus Trough Viscosity): 137

Final Viscosity: 247 | Setback (Final Viscosity minus Peak Viscosity): -16

Pasting Temperature: 82.3°C



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)	LW 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 (Peak Viscosity minus Trough Viscosity): 125  
 Final Viscosity: 247 | Setback (Final Viscosity minus Peak Viscosity): -6  
 Pasting Temperature: 82.7°C



Clearfield® XP756, released in 2011, is a late-maturing hybrid that allows growers to spread harvest while not sacrificing planting time. With improved sheath blight tolerance and better grain retention than Clearfield XL745, this hybrid carries the industry leading RiceTec disease tolerance on the Clearfield platform.

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

#### PHYSICAL PROPERTIES: GRAIN DIMENSIONS

Type	Length (mm)	Width (mm)	Thickness (mm)	LW 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 (Peak Viscosity minus Trough Viscosity): 136

Final Viscosity: 278 | Setback (Final Viscosity minus Peak Viscosity): -4

Pasting Temperature: 83.1°C



Clearfield® XP4534 offers a completely different plant type to the RiceTec lineup. With a semi-dwarf stature and very early maturity, Clearfield XP4534 will get you in the field faster and reduce risk at harvest. It also bring better grain retention over Clearfield XL745.

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

### PHYSICAL PROPERTIES: GRAIN DIMENSIONS

Type	Length (mm)	Width (mm)	Thickness (mm)	LW Ratio	1,000-Kernel wt. (g)
Paddy	9.04	2.63	1.95	3.44	24.30
Brown	7.30	2.24	1.79	3.26	20.00
Milled	6.88	2.18	1.67	3.16	18.33

### PHYSICOCHEMICAL PROPERTIES

Apparent Amylose Content – 22.0%

Alkali Spreading Value (1.7% KOH) – 4.0

Gelatinization Temperature – 72.6°C

### RAPID VISCO ANALYZER

Peak Viscosity: 190 | Trough Viscosity: 124 |

Breakdown (Peak Viscosity minus Trough Viscosity): 66

Final Viscosity: 245 | Setback (Final Viscosity minus Peak Viscosity): 55

Pasting Temperature: 87.9°C