

# 2012 RICETEC HYBRID CHARACTERISTICS<sup>1</sup>

	CLEARFIELD® XL729	CLEARFIELD® XL745	CLEARFIELD® XP756	XL723	XP753	XP744	XP754
<b>Technology Traits</b>	CLEARFIELD	CLEARFIELD	CLEARFIELD				
<b>Grain Type</b>	Southern Long Grain	Southern Long Grain	Southern Long Grain	Southern Long Grain	Southern Long Grain	Southern Long Grain	Southern Long Grain
<b>Yield Comparison<sup>2</sup></b> (Adv. – wins – n – years)	23% – 93% – 307 – 6	24% – 96% – 296 – 5	20% – 93% – 129 – 2	25% – 94% – 446 – 8	37% – 100% – 48 – 1	26% – 95% – 22 – 3	23% – 89% – 81 – 2
<b>Milling Average</b>	57/70	56/71	53/70	59/71	58/72	58/71	51/70
<b>Maturity Group</b> (days from emergence)	early	early	medium late	early	early	early	medium late
Days to 50% headed	80	78	87	80	80	78	88
Days to grain maturity	114	111	125	113	111	111	125
<b>Agronomic Characteristics</b>							
Stress Tolerance	excellent	excellent	excellent	excellent	excellent	excellent	excellent
Coloration	purpling on stem, leaf edges, seed coat	purpling on stem, leaf edges, seed coat	purpling on stem, leaf edges, seed coat	purpling on stem, leaf edges, seed coat	purpling on stem, leaf edges, seed coat	purpling on stem, leaf edges, seed coat	purpling on stem, leaf edges, seed coat
Pubescence	present	present	semi-smooth	present	present	present	semi-smooth
Height (inches)	42-44	43-45	45-47	42-44	41-43	43-45	45-47
Standability	above average	average	average	average	above average	average	below average
Grain Retention	below average	average	above average	below average	above average	average	above average
Ratoon Potential <sup>3</sup>	excellent	excellent	excellent	excellent	excellent	excellent	excellent
<b>Management Recommendations</b>							
Soil Type	any	any	any	any	any	any	any
Base Seeding Rate (seeds/acre)	450,000	450,000	450,000	450,000	450,000	450,000	450,000
Total Nitrogen (lbs of N)	120 – 150	120 – 150	120 – 150	120 – 150	120 – 150	120 – 150	120 – 150
Preflood (lbs of N)	90 – 120	90 – 120	90 – 120	90 – 120	90 – 120	90 – 120	90 – 120
Late Boot (lbs of N)	30	30	30	30	30	30	30
<b>Disease Characteristics<sup>4</sup></b>							
Blast <sup>5</sup>	R	R	R	R	R	R	R
Sheath Blight	MS	MS	MR	MS	MS	MS	MR
Straighthead	MR	MR	MS	MR	MS	MR	MS
Kernel Smut	MS	MS	MS	MS	MS	MS	MS
False Smut	MS	MS	MS	MS	MS	MS	MS
Stem Rot	S	S	S	S	S	S	S
Bacterial Panicle Blight	MR	MR	MR	MR	MR	MR	MR
Narrow Brown Leaf Spot	MR	MR	MR	MR	MR	MR	MR



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<sup>1</sup>RiceTec Hybrid characteristics are determined from data collected from specific RiceTec and/or University field trials and are not a guarantee of performance, nor do they constitute a warranty of fitness for a particular use.

<sup>2</sup>Performance and milling averages based on replicated head-to-head comparisons in planting date trials (% advantage, % wins, # of comparisons, # of years)

<sup>3</sup>Ratoon potential of full-season hybrids may be reduced if harvest is delayed due to later planting

<sup>4</sup>R = Resistant, MR = Moderately Resistant, MS = Moderately Susceptible, S = Susceptible, VS = Very Susceptible; Although RiceTec Hybrids normally do not require fungicide treatment, fields should be scouted closely for diseases and treated with fungicides when necessary. Consider field history and environment conditions when making fungicide decisions. Apply preventive applications of fungicide if justified by field history for kernel smut, false smut, and/or *Cercospora* (narrow brown leaf spot).

<sup>5</sup>RiceTec Hybrids have shown field resistance to common strains of rice blast fungus. Susceptibility to unusual strains of rice blast fungus, which have been rare in the field to date, has been documented in nursery trials.

## Leadership and Innovation Within the Field of Rice

