



People Dedicated to the Field of Rice

**RiceTec iPhone/iPad Application and
New Louisiana Yield Data**

 ricetec toolbox 



RiceTec, Inc.

RiceTec Toolb...  **INSTALLED** 

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RiceTec



Grain Drill Calibrations



Seed Rate Calculator



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Calibrations T...

Row Spacing	7.5	▼
Wheel Circum.Size*	- 101	+
Number of Cups	5	▼
Number of Turns*	15	▼

Seed Lbs/Lot*	- 20470	+
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Hybrid Seed Information:

Crop*	Clearfield XL745	▼
Target Seeds/Acre*	- 450000	+
Seed Weight Caught (g)*	- 94	+

How to Measure Calculate

Calibrations Result

Test Your Calibrations:

Number of Cups	5
Number of turns	15
Weight of Seed Caught	94 grams

Calibration Results:

Measurement	Target	Actual
Seeds/Sq. Ft.	10.3	10.7
Seeds/Row Ft.	6.5	6.7
Seeds/Acre	450,000	467,947
Lbs/Acre	22.0	22.9

Your Drill

Row Spacing	7.5
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Close

Seed weight Caught (g)	- 94	+
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How to Measure Calculate

RiceTec



Grain Drill Calibrations



Seed Rate Calculator



Products



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Products

	Clearfield® XL729	Clearfield® XL745
Technology Traits	Clearfield	Clearfield
Grain Type	Southern Long Grain	Southern Long Grain
Yield Comparison ² (Adv. - wins - n - years)	23% - 93% - 377 - 7	23% - 94% - 379 - 6
Milling Average ³	58/70	59/72
Maturity Group (days from emergence)	early	early
Days to 50% headed	80	78
Days to grain maturity	114	111

Agronomic Characteristics		
Stress Tolerance	excellent	excellent
Coloration	purpling on stem, leaf edges, seed coat	purpling on stem, leaf edges, seed coat
Pubescence	present	present
Height (inches)	42-44	43-45
Standability	above average	average
Grain Retention	below average	average
Ratoon Potential ⁴	excellent	excellent

Management Recommendations		
Soil Type	
Total Nitrogen (lbs of N)	
Preflood (lbs of N)	
Late Boot (lbs of N)	

Disease Characteristics ⁵		
Blast ⁶	R	R
Sheath Blight	MS	MS
Straighthead	MR	MR
Kernel Smut	MS	MS
False Smut	MS	MS
Stem Rot	S	S
Bacterial Panicle Blight	MS	MR
Narrow Brown Leaf Spot	MR	MR

¹ RiceTec hybrid characteristics are determined from data collected from specific RiceTec and constitute a warranty of fitness for a particular use.

² Performance based off replicated head-to-head comparisons (vs. CL151 for CL hybrids and C

³ Milling averages taken from head-to-head comparisons in planting date trials. Very early an

⁴ Ratoon potential on full season hybrids may be reduced if harvest is delayed due to later pl

⁵ R = Resistant, MR = Moderately Resistant, MS = Moderately Susceptible, S = Susceptible, VS treatment, fields should be scouted closely for diseases and treated with fungicides when n decisions. Apply preventative applications of fungicide if justified by field history for kernel

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Guidelines



Planting



Fertility



Weed Control



Diseases



Harvest Timing



Ratoon Management



Crop Rotation After Hybrids



DISEASE REACTION¹

CHARACTERISTICS

PRODUCT	Blast ²	Sheath Blight	Straight Head	Kernel Smut	False Smut	Stem Rot	DISEASE REACTION ¹		CHARACTERISTICS		
							Bacterial Panicle Blight	Narrow Brown Leaf Spot	Standability	Maturity	Grain Retention
Clearfield® Long Grain											
Clearfield XP756	R	MR	MS	MS	MS	S	MR	MR	Average	Medium Late	Above Average
Clearfield XL745	R	MS	MR	MS	MS	S	MR	MR	Average	Early	Average
Clearfield XL729	R	MS	MR	MS	MS	S	MS	MR	Above Average	Early	Below Average
Clearfield XP4534	R	MS	MS	MS	MS	S	S	MR	Excellent	Very Early	Above Average
CL111	MS	VS	S	S	S	VS	VS	VS	Above Average	Early	Above Average
CL142	S	MS	MS	S	S	S	S	S	Above Average	Early	Above Average
CL151	VS	S	VS	S	S	VS	VS	S	Below Average	Early	Above Average
CL181	S	VS	MS	S	S	VS	VS	S	Above Average	Early	Above Average
Standard Long Grain											
XP754	R	MR	MS	MS	MS	S	MR	MR	Below Average	Medium Late	Above Average
XL753	R	MS	MS	MS	MS	S	MS	MR	Above Average	Early	Above Average
XL723	R	MS	MR	MR	MS	S	MR	MR	Average	Early	Below Average
XP4523	R	MS	MS	MR	MS	S	S	MR	Excellent	Very Early	Above Average
Wells	S	S	MS	S	S	VS	S	S	Average	Medium Late	Above Average
Cheniere	S	S	MS	S	S	S	S	S	Above Average	Early	Above Average

¹RiceTec hybrid disease ratings and 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.

R = Resistant; MR = Moderately Resistant; MS = Moderately Susceptible; S = Susceptible; VS = Very Susceptible

²RiceTec hybrids have shown field resistance to common strains of rice blast fungus. Possible susceptibility to unusual strains of the rice blast fungus, which have been thus far rare on one hybrid in the field to date, is being analyzed under controlled conditions in the laboratory and greenhouse.

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 environmental conditions when making fungicide decisions. Apply preventative applications of fungicide if justified by field history for Kernel Smut, False Smut, and/or Narrow Brown Leaf Spot.





People Dedicated to the Field of Rice

CLEARFIELD® XL745
Louisiana Economic Comparisons

Prepared December 2012

CLEARFIELD® XL745



Louisiana – RiceTec Farm scale Yield Trials

CLEARFIELD XL745 vs. CL151

<u>Data Composition</u>	CLEARFIELD XL745	
Years of Data	4	<u>Average Gain</u>
Yield Comparisons	19	25%
Milling Comparisons	19	1.2

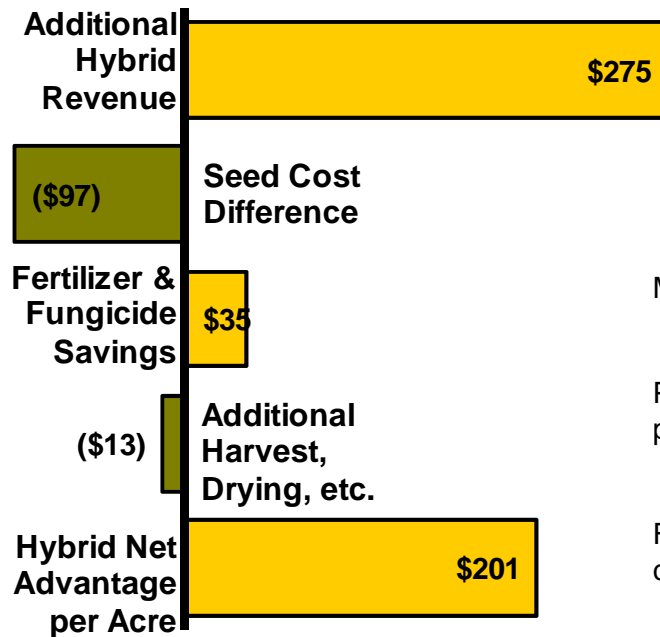
	<u>CLEARFIELD XL745</u>	<u>CL151</u>
Grain Yield	8,233	6,604
Whole Milling	56.5	55.2
Total Milling	69.8	67.5

CLEARFIELD XL745	<u>Yield</u>	<u>Gross Rev</u>	<u>Net Rev</u>
Percent Wins	95%	95%	79%

Cash price \$14.50 per cwt

<u>Year</u>	<u>Cooperator</u>	<u>Parish</u>
2012	Chuck Smith	Allen
2012	Eric Unkel	Allen
2012	Leland Pruitt	Morehouse
2012	Michael Hundley	Acadia
2012	Ross Hebert	Vermilion
2011	Bill Wild	Jefferson Davis
2011	Michael Hundley	Acadia
2011	Phil Tomlinson	East Carroll
2010	Bill Wild	Jefferson Davis
2010	Damian Bollick	West Carroll
2010	Michael Hundley	Acadia
2010	Ross Hebert	Vermilion
2010	Wesley Simon	Acadia
2009	Brad McIntryer	West Carroll
2009	Chris Krielow	Jefferson Davis
2009	Chris Watkins	Acadia
2009	Dale Denais	Concordia
2009	Kenneth Lahaye	Evangeline
2009	Michael Hundley	Acadia

19 locations over 4 years



Milling and Chalk analysis from Bertrand Rice

Costs of production from University of Arkansas Rice Budgets for 2013 Planting adjusted to CLXL745 Spring 2013 seed price and 6oz of propiconazole fungicide added to CLXL745 inputs.

Additional hybrid revenue based on historical yield difference from RiceTec Farm scale Yield Trials and are not a guarantee of performance, nor do they constitute a warranty of fitness for a particular use.

CLEARFIELD® XL745



Louisiana – RiceTec Farm scale Yield Trials

CLEARFIELD XL745 vs. CL111

<u>Data Composition</u>	CLEARFIELD XL745	
Years of Data	3	<u>Average Gain</u>
Yield Comparisons	14	23%
Milling Comparisons	14	(0.1)

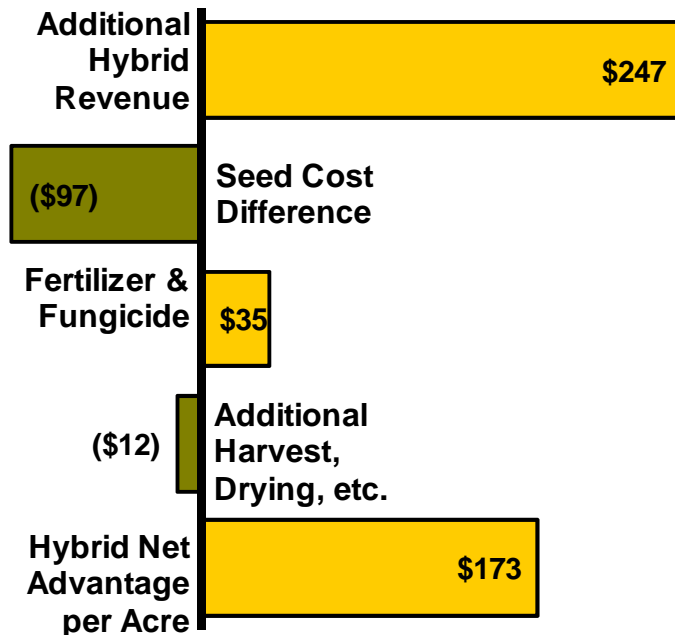
	<u>CLEARFIELD XL745</u>	<u>CL111</u>
Grain Yield	8,424	6,824
Whole Milling	56.3	56.4
Total Milling	70.1	68.7

CLEARFIELD XL745	<u>Yield</u>	<u>Gross Rev</u>	<u>Net Rev</u>
Percent Wins	100%	93%	86%

Cash price \$14.50 per cwt

<u>Year</u>	<u>Cooperator</u>	<u>Parish</u>
2012	Eric Unkel	Allen
2012	Michael Hundley	Acadia
2012	Ross Hebert	Vermilion
2011	Bill Wild	Jefferson Davis
2011	Kenneth Lahaye	Evangeline
2011	Kermit Kuethe	Morehouse
2011	Michael Hundley	Acadia
2011	Phil Tomlinson	East Carroll
2011	Ross Hebert	Vermilion
2010	Bill Wild	Jefferson Davis
2010	Damian Bollick	West Carroll
2010	Michael Hundley	Acadia
2010	Ross Hebert	Vermilion
2010	Wesley Simon	Acadia

14 locations over 3 years



Milling and Chalk analysis from Bertrand Rice

Costs of production from University of Arkansas Rice Budgets for 2013 Planting adjusted to CLXL745 Spring 2013 seed price and 6oz of propiconazole fungicide added to CLXL745 inputs.

Additional hybrid revenue based on historical yield difference from RiceTec Farm scale Yield Trials and are not a guarantee of performance, nor do they constitute a warranty of fitness for a particular use.



People Dedicated to the Field of Rice

CLEARFIELD® XL729
Louisiana Economic Comparisons

Prepared December 2012

CLEARFIELD® XL729



Louisiana – RiceTec Farm scale Yield Trials

CLEARFIELD XL729 vs. CL111

<u>Data Composition</u>	CLEARFIELD XL729	
Years of Data	3	<u>Average Gain</u>
Yield Comparisons	10	23%
Milling Comparisons	10	(0.2)

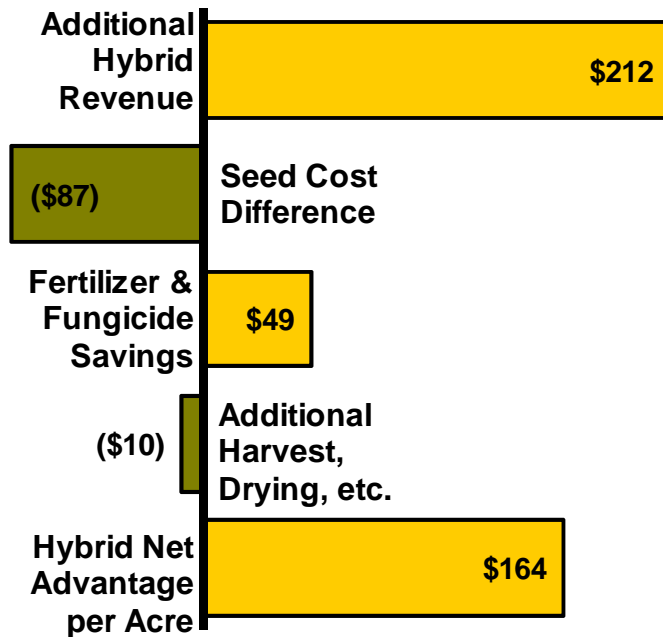
	<u>CLEARFIELD XL729</u>	<u>CL111</u>
Grain Yield	7,772	6,337
Whole Milling	55.9	56.1
Total Milling	68.9	68.0

CLEARFIELD XL729	<u>Yield</u>	<u>Gross Rev</u>	<u>Net Rev</u>
Percent Wins	100%	90%	90%

Cash price \$14.50 per cwt

<u>Year</u>	<u>Cooperator</u>	<u>Parish</u>
2012	Eric Unkel	Allen
2012	Leland Pruitt	Morehouse
2012	Michael Hundley	Acadia
2012	Ross Hebert	Vermilion
2011	Michael Hundley	Acadia
2010	Bill Wild	Jefferson Davis
2010	Damian Bollick	West Carroll
2010	Michael Hundley	Acadia
2010	Ross Hebert	Vermilion
2010	Wesley Simon	Acadia

10 locations over 3 years



Milling and Chalk analysis from Bertrand Rice

Costs of production from University of Arkansas Rice Budgets for 2013 Planting adjusted to CLXL729 Spring 2013 seed price and 6oz of propiconazole fungicide added to CLXL729 inputs.

Additional hybrid revenue based on historical yield difference from RiceTec Farm scale Yield Trials and are not a guarantee of performance, nor do they constitute a warranty of fitness for a particular use.

CLEARFIELD® XL729 (1st and 2nd crop) Louisiana – RiceTec Farm scale Yield Trials



CLEARFIELD XL729 vs. CL111

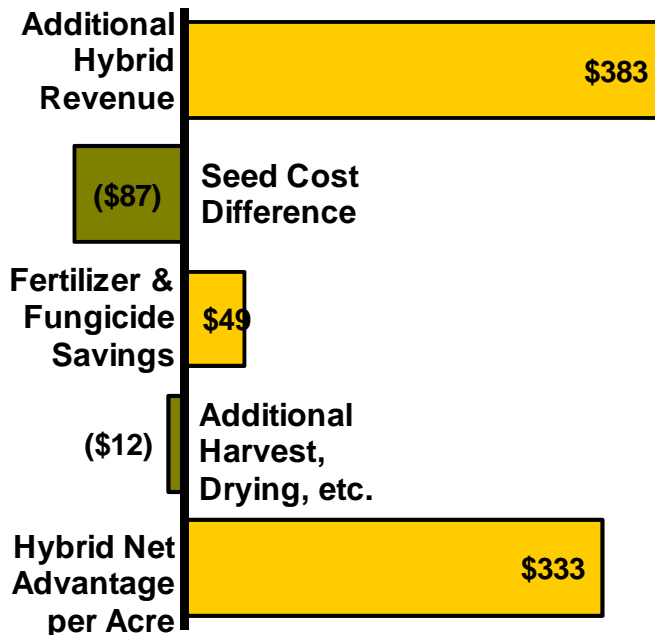
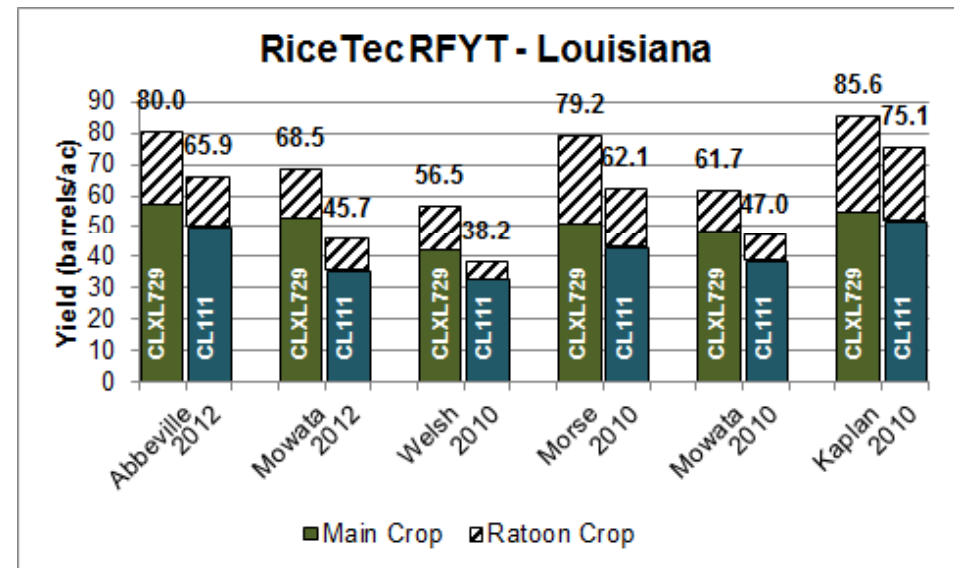
<u>Data Composition</u>	CLEARFIELD XL729	
Years of Data	3	<u>Average Gain</u>
Yield Comparisons	6	29%
Milling Comparisons	6	(0.3)

	<u>CLEARFIELD XL729</u>	<u>CL111</u>
Grain Yield	11,652	9,017
Whole Milling	55.2	55.5
Total Milling	69.0	68.0

CLEARFIELD XL729	<u>Yield</u>	<u>Gross Rev</u>	<u>Net Rev</u>
Percent Wins	100%	100%	100%
	Cash price	\$14.50 per cwt	

Year	Cooperator	Parish
2012	Ross Hebert	Vermilion
2011	Michael Hundley	Acadia
2010	Bill Wild	Jefferson Davis
2010	Michael Hundley	Acadia
2010	Ross Hebert	Vermilion
2010	Wesley Simon	Acadia

6 locations over 3 years



Milling and Chalk analysis from Bertrand Rice

Costs of production from University of Arkansas Rice Budgets for 2013 Planting adjusted to CLXL729 Spring 2013 seed price and 6oz of propiconazole fungicide added to CLXL729 inputs. 200lbs of Urea, additional irrigation, harvest, drying, and hauling expense added for ratoon crop.

Additional hybrid revenue based on historical yield difference from RiceTec Farm scale Yield Trials and are not a guarantee of performance, nor do they constitute a warranty of fitness for a particular use.

RiceTec Hybrids ratoon faster than varieties while offering superior 1st and 2nd crop yields





People Dedicated to the Field of Rice

XL723

Prepared December 2012

XL723



United States – All Available Trials

XL723 vs. CHENIERE

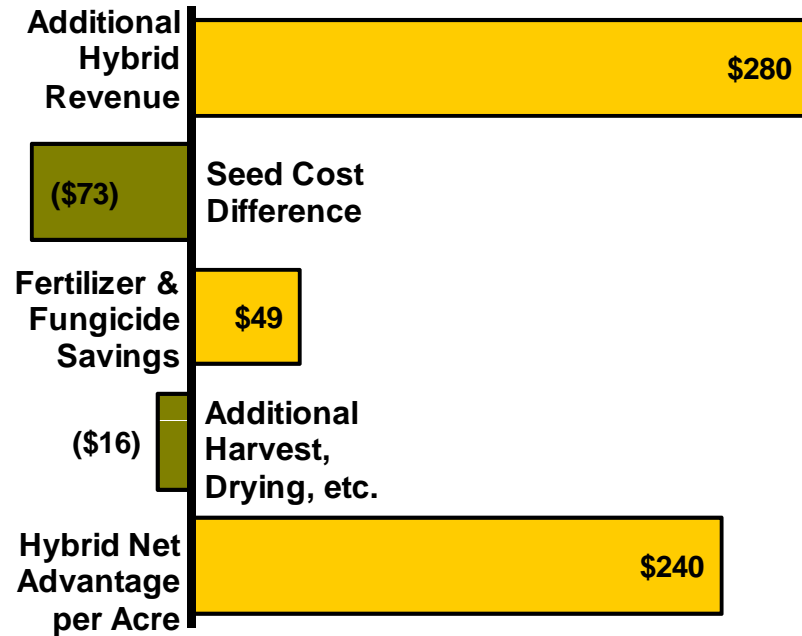
<u>Data Composition</u>		XL723
Years of Data	9	<u>Average Gain</u>
Yield Comparisons	515	26%
Milling Comparisons	338	(0.8)

	<u>XL723</u>	<u>CHENIERE</u>
Grain Yield	9,212	7,318
Whole Milling	58.9	59.8
Total Milling	70.8	70.7

XL723	<u>Yield</u>	<u>Gross Rev</u>	<u>Net Rev</u>
Percent Wins	94%	90%	90%
	Cash price	\$14.50 per cwt	

XL723 vs. CHENIERE

Grain Yield	9,212	7,318
Production Cost	\$750.64	\$710.93
Cost to Produce cwt of Grain	\$8.15	\$9.72
	<u>Avg. Reduction in Cost</u>	
XL723	\$1.57	



Costs of production from University of Arkansas Rice Budgets for 2013 Planting adjusted to XL723 Spring 2013 best buy seed price.

Additional hybrid revenue based on historical yield difference from RiceTec Farm scale Yield Trials and are not a guarantee of performance, nor do they constitute a warranty of fitness for a particular use.