



People Dedicated to the Field of Rice

Also available on our website:

www.ricetec.com

Pre Planting 2009

Published for the customers of RiceTec, Inc.

RiceTec Hybrids Offered in 2009

CLEARFIELD

- **NEW CLEARFIELD XP746** – CLEARFIELD XP746 has proven to be another high performing RiceTec hybrid. CLEARFIELD XP746 has a disease package equal to current CLEARFIELD hybrids. Milling yields of CLEARFIELD XP746 have shown to be equal to or greater than the current leading hybrids and is expected to be comparable with some of the higher milling varieties. Growers can expect to see a yield advantage and straw strength that is very similar to CLEARFIELD XL729.
- **CLEARFIELD XL745** – CLEARFIELD XL745 brings an increased level of performance and improved grain retention to the CLEARFIELD hybrid market. It offers an expected yield advantage of 3% - 5% over current CLEARFIELD hybrids.
- **CLEARFIELD XL729** – Since its commercial release in 2007, CLEARFIELD XL729 has taken the yield regime of hybrid rice to the next level. CLEARFIELD XL729 has a yield advantage of 21% - 34% over CLEARFIELD varieties.
- **CLEARFIELD XL730** – First released in 2005, CLEARFIELD XL730 quickly became the market leader in yield and grain quality. Year after year it has proven to be a solid performer by averaging 21% - 27% yield advantage over CLEARFIELD varieties and has above-average milling.
- **CF Hybrid Rice Levee Blend** – This product is a blend of CLEARFIELD XL729 and CLEARFIELD XP746, with germination and hybridity labeled at 75%. This product is intended to be planted on levees in RiceTec CLEARFIELD Hybrid fields at the recommended seeding rate of 600K seed (roughly 30 pounds) per acre.

Traditional (Non-CLEARFIELD)

- **XL723** – As the proven traditional hybrid, released in 2005, XL723 offers a 21% - 27% grain yield advantage over commonly grown rice varieties and above average straw strength. Maturing about five days earlier than most other rice varieties, XL723 is an excellent option to be double-cropped behind wheat and in furrow irrigated rice. XL 723 also has an excellent ratoon crop potential in certain regions.

Dermacor X-100 Seed Treatment Now Available

EPA has granted Texas and Louisiana a Section 18 emergency exemption authorization for the use of Dermacor X-100 seed treatment on rice for control of rice water weevil in 2008 through the 2009 treating season. Since the Section 18 emergency exemptions were authorized in late fall of 2008, Dermacor X-100 was not applied to RiceTec, Inc. hybrid rice seed in their normal seed conditioning process. RiceTec, however, has agreed to allow treatment of their hybrid seed at accredited rice seed processors that are approved by DuPont.

RiceTec Hybrid Stand Guarantee Program

The RiceTec hybrid rice stand guarantee program is another tool used to help minimize your risk during the 2009 production season. The program is designed to provide RiceTec seed customers replant seed if the plant population is not adequate. If stand density is a concern do not take any action before contacting your RiceTec representative. To be eligible for the program you must:

- Receive seed from an authorized RiceTec service representative location.
- Plant during the recommended time period for the region (March 15th for the gulf coast and April 1st for the midsouth).
- Follows RiceTec recommendations regarding seeding rates, planting methods, seedbed preparation and flushing fields if needed.

There are no changes in the 2009 program for drill seeded rice; however, there has been a change for broadcast seeded rice. All broadcast seeded rice is covered at 50% of acres planted. This includes water seeded rice which also is required to be pre-soaked for 24 hours prior to seeding.

•Seed returns are accepted only on Spring pay products in standard packaging, @ 10% of purchase, and returned to your Service partner no later than **6/15/09** in undamaged bags

•BASF Stewardship agreements must be filled out before Clearfield seed can be shipped.

•LL Certificates are now available on www.RiceTec.com

Pre Planting 2009

Seed Supply Limited but Still Available

As many of you are aware Clearfield® seed is in short supply for 2009 plantings. At this time many of our hybrid rice products are sold out. With planting approaching and some CL needs remaining unfilled, we wanted to encourage rice growers to call their local technical or sales representative or local seed dealer to check on CLEARFIELD hybrid options and availabilities. Hybrids are being purchased every day, but we wanted you to know that at this time we do still have a small supply of CLEARFIELD XL729 available. Also, for anyone with needs for a non-CL rice, we have a small supply of XL723 still available. Both of these products are available on a first come, first serve basis and we have gotten our pre-orders and reservations all filled, so when this seed is gone, it is gone. This first come, first serve availability will also hold true on the new CF Hybrid Rice Levee Blend.

RiceTec Extends Credit to Those Who Wish to Purchase RiceTec Hybrid

The May price from RiceTec's pricing scale will be extended for this special offer; however, payment is not due until harvest. Interest on the credit will accrue at 1% per month on any unpaid balance until 45 days after harvest or October 1st, whichever comes first. An additional 0.5% interest per month will be added for payments received after October 1st 2009. There will be no penalties assessed for prepayment. We hope this additional financing option will help rice growers who wish to plant RiceTec hybrids. Please contact your local RiceTec representative with any questions about our new seed offering or payment option. Remember RiceTec's service doesn't end with the sale. We have a qualified and dedicated field staff that are always here to help rice growers with their needs and questions.

Potential Effects of Hybrid Grain on the Ground

An increased potential of developing volunteer CL rice from hybrids due to shattering has recently been proposed. The higher shattering potential of current hybrids was evident under the high winds of the hurricanes of the 2008 season. The concern has merit and deserves careful analysis. Although existing hybrids may drop more grain than varieties, hybrids do not have a higher survival rate than varieties.

Much of the seed that shattered during the 2 hurricanes of 2008 germinated not long after they fell to the ground. This can be seen in the photograph to the right taken 14 days following the second hurricane. Additionally, as hybrids carry a single copy of the CL trait, 25% of the volunteer plants that could potentially germinate are expected to be non CL (table 1); therefore, killed by Newpath. Two years of research with 4 hybrids confirm the expected proportion of herbicide susceptible F2 plants.

The germination of seed last fall and the environmental conditions the seed has been subjected to since harvest has substantially decreased the number of viable seed that could germinate this spring. These factors coupled with 25% of viable seed being susceptible to Newpath will result in much lower volunteer plants as compared to the number of seeds that were laying on the ground last fall. Crop rotation, as laid out in the stewardship agreement, will also help reduce volunteer plants.

The risk of hybrid shattering is higher than both RiceTec and its customers would like. The latest hybrid release CLXL745 has improved grain retention and is an indication of RiceTec's commitment to deal with the issue (table 2).



Table 1





		Hybrid as female			% volunteer plant death after 6oz+6oz Newpath
		 CL	 Non-CL		
				CLXP746 F2 grain	29.3
				CLXP745 F2 grain	23.8
Hybrid as male	CL	CL	CL	CLXL730 F2 grain	21.8
		CL	Non-CL	CLXL729 F2 grain	28.8
		Non-CL		Average	25.9

Table 2

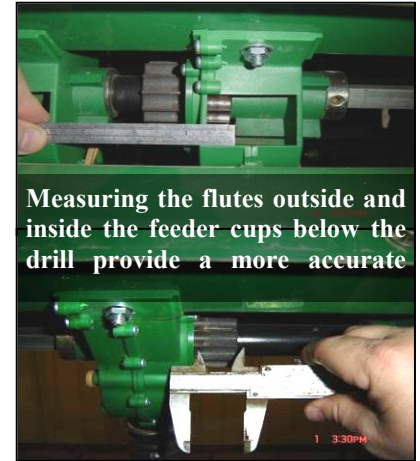
After hurricane force winds Average of 7 observations over 4 locations				
	Seeds per sq ft	Bu	Actual Yield	% Yield Loss
CL171	153	8	154	-5.3%
CLXL745	293	15	193	-8.2%
CLXL729	538	27	173	-14.3%
CLXL730	562	28	163	-16.0%

Drill Calibration is Key to Achieving a Proper Stand

Proper drill calibration is a key aspect of getting your rice crop off to a good start. Drill settings, seed bed preparation, and ground speed during planting are important factors to reach target seed populations. The chart below has been formulated to assist you in finding a starting point in calibrating your drill for our base recommended seeding rate of 600,000 seeds per acre. The chart includes a cog measurement in addition to a suggested drive speed and notch setting by row spacing. The measurements are obtained by measuring the exposed portion of the cog on both the inside and outside of the feeder cup.

Starting drill settings to plant 600,000 rice seeds/acre*					
Drill make	Row Spacing	Drive	Notch	Cog Measurement**	
	(in.)	Speed	Setting	Inside	Outside
Great Plains	7.5	1	72	28	16
	8	1	72	31	15
	10	1	84	35	10
John Deere	7.5	1/2	30	21	27
	10	1/2	39	27	19

* Settings based on seed size of 19,000 to 21,000 hybrid seeds/lb
 ** Millimeters of Cog Exposed



1. Use the **slowest possible drive setting**.
2. Set the drill according to the recommended **starting point (Table above)**.
3. Fine-tune calibration in **each 10 foot section** of the drill by:
 - **Recording the circumference of the drive wheel and row width.**
 - Priming seed cups:
 1. Pour enough seed to cover **5 cups**.
 2. Remove seed tubes from the bottom of the hopper box. Make sure that the seed tubes removed correlates with the cups that are covered with seed.
 3. Turn drive wheels enough to prime the seed cups. It is very important that seed is coming out of each open seed cup. Be sure that there is always seed covering the cup.
 - **Calibrating drill to suggested seed count per row foot:**
 1. Turn the wheel a minimum of 15 revolutions while catching the seed from the **5 open cups**.
 2. Weigh the seed caught and figure a preliminary number of seeds per row foot as indicated in the drill calibration worksheet.
 3. If calibration is within one seed per row foot of target, count the seed and calculate final calibration by seed count.
4. **Verify calibration in the field!**

Drill Calibration Calculation Worksheet

Number of cups (5 recom. per section) (A) _____

Drive wheel Circumference (inches/12) (B) _____ feet

Number of turns (minimum of 15) (C) _____

Distance covered (D) _____ feet

(AxBxC)

Calibration by Weight:

Weight of seed caught (grams/454) (E) _____ Lbs

Seeds/lb of lot used (F)* _____

Row width (inches/12) (G) _____ feet

Number of seeds per:

Foot of Row (ExF)/D _____

Square Foot (ExF)/(DxG) _____

Calibration by Seed Count

Number of seeds caught (H) _____

Number of seed/row foot _____

H/D

*Indicated on seed bag

Drill calibration is a service provided by RiceTec and is **not a guarantee** of achieving target seeding rate. It is the responsibility of the customer to routinely check behind the drill for proper seeding rate.

2009 RiceTec Base Seeding Rate Recommendations

Seeds per Row Foot

Product	Average	Seeds/ Ac	Seeds / ft ²	Ac / Unit	Average lbs	Seeds per Row Foot			
						7.5	8	9.5	10
CLXL730	19,530	600K	13.8	1.50	30.7	8.6	9.2	10.9	11.5
CLXL729	19,800	600K	13.8	1.50	30.3	8.6	9.2	10.9	11.5
CLXL745	19,230	600K	13.8	1.50	31.2	8.6	9.2	10.9	11.5
CLXP746	19,700	600K	13.8	1.50	30.5	8.6	9.2	10.9	11.5
XL723	20,000	600K	13.8	1.50	30.0	8.6	9.2	10.9	11.5



RiceTec, Inc.

**P.O. Box 1305
1925 FM 2917
Alvin, TX 77511**

**15847 Highway 1
Harrisburg, AR 72432**

**877-580-7423
Fax 877-588-7423**

**RiceTec Newsletter
Pre Planting 2009**

- RiceTec Hybrids Offered in 2009
- Stand Guarantee Program
- Seed Supply Limited but Still Available
- Potential Effects of Hybrid Grain on the Ground
- Drill Calibration
- Base Seeding Rates by Product

RiceTec Service Contacts

Technical Services

District 1	Brian Ottis	573-391-0366
District 2	DJ Shipman	870-273-9286
District 3	Kurt Johns	870-243-4696
District 4	Bill Midkiff	870-273-8221
District 5	Jeff Branson	870-578-8436
District 6	Jay Burchfield	662-402-2781
District 7	Cullen Minter	337-499-6498
District 8	Derrol Grymes	281-381-9371

Sales

Districts 1 - 2	Brian Graf	870-243-2603
Districts 2 - 3	Bill Midkiff	870-919-6944
Districts 4	Jeff Reeves	870-273-8221
Districts 5	Wes Long	870-830-0160
Districts 6	Jeff Mosley	662-719-1034
Districts 7	Mike Worthington	337-263-4297
Districts 8	Mark Spilman	281-389-3527

Customer Services

Districts 1 - 6	Chris Tilley	877-580-7423
Districts 7- 8	Marie Hodges	877-570-7423

Email addresses for RiceTec representatives available at www.RiceTec.com

