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SMART RICE. SMART CHOICE.

Management Practices for Maximizing Yield Potential on Hybrid Rice in the Ratoon Crop

- Stubble Manipulation
  - Mowing
  - Rolling
- Fertility for Ratoon Crop (N-P-K)
- Hybrid specific attributes that can change ratoon management.

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Mowing Stubble

- Mowing stubble to 8 inches immediately after harvest should increase yield potential by 3-6 barrels.
  - Mowing forces plants to regrow from lower nodes.
  - Clears the way for sunlight for photosynthesis.
  - Creates a more even maturing field, thus increasing grain quality in ratoon rice.
  - Reduces Impact of Cercospera.
  - Causes up to a 2 week delay in maturity.
  - Not Recommended past August 20th in Hybrid Rice.*

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Rolling Stubble

- Object is to break the plant at the crown forcing the plant to regrow from the that point.
- Pros: Faster than mowing, clears straw from stubble to allow sunlight penetration.
- Cons: Not always successful at breaking straw, makes water management more difficult, not as even maturity as mowing.

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Fertility and Water Management

If mowed:

- Apply 92 units of Nitrogen immediately after harvest if before August 15th*
- Decrease by 5 units of N/day after August 15th.
- Establish shallow flood after urea is applied.

If rolled:

- Apply urea and flush, keep wet, bring water up with rice growth. Split application of urea may be necessary.

**Hybrid Rice may allow up to 10 day extension of cutoff dates.*

P and K Fertility

- Many soils in Southwest Louisiana will require at least 90 units of P and 120 units of K to produce good hybrid yields in 1st and 2nd crop.
- Inadequate P and K fertility will result in yield loss and inefficient use of nitrogen fertilizer.
- Realize total crop potential on hybrid you choose. Reflect that potential in soil tests.
- N-P-K Balance affects yield, quality, disease pressure, and crop maturity.

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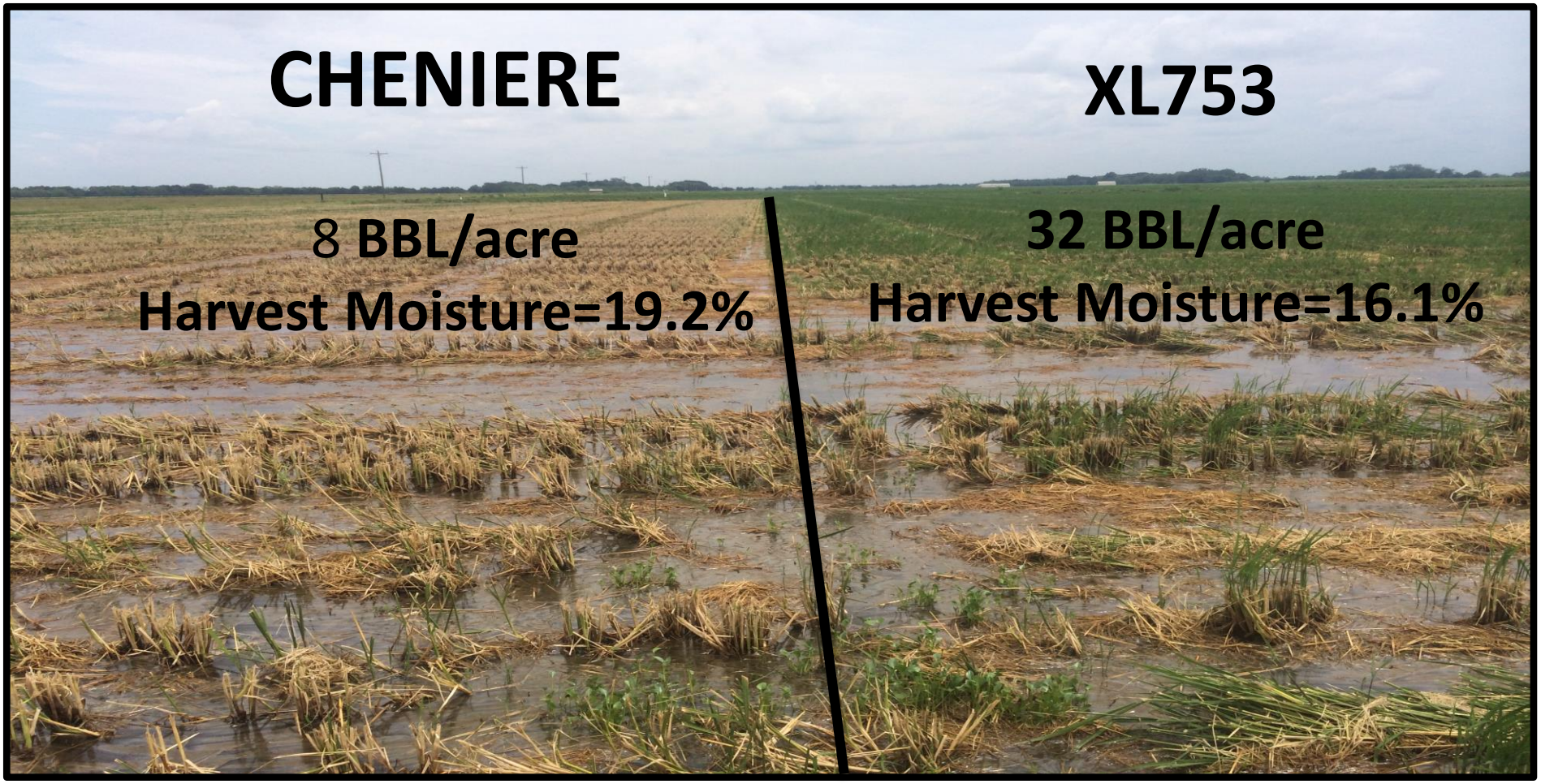
RiceTec Hybrids ratoon faster than varieties while offering superior 1st and 2nd crop yields

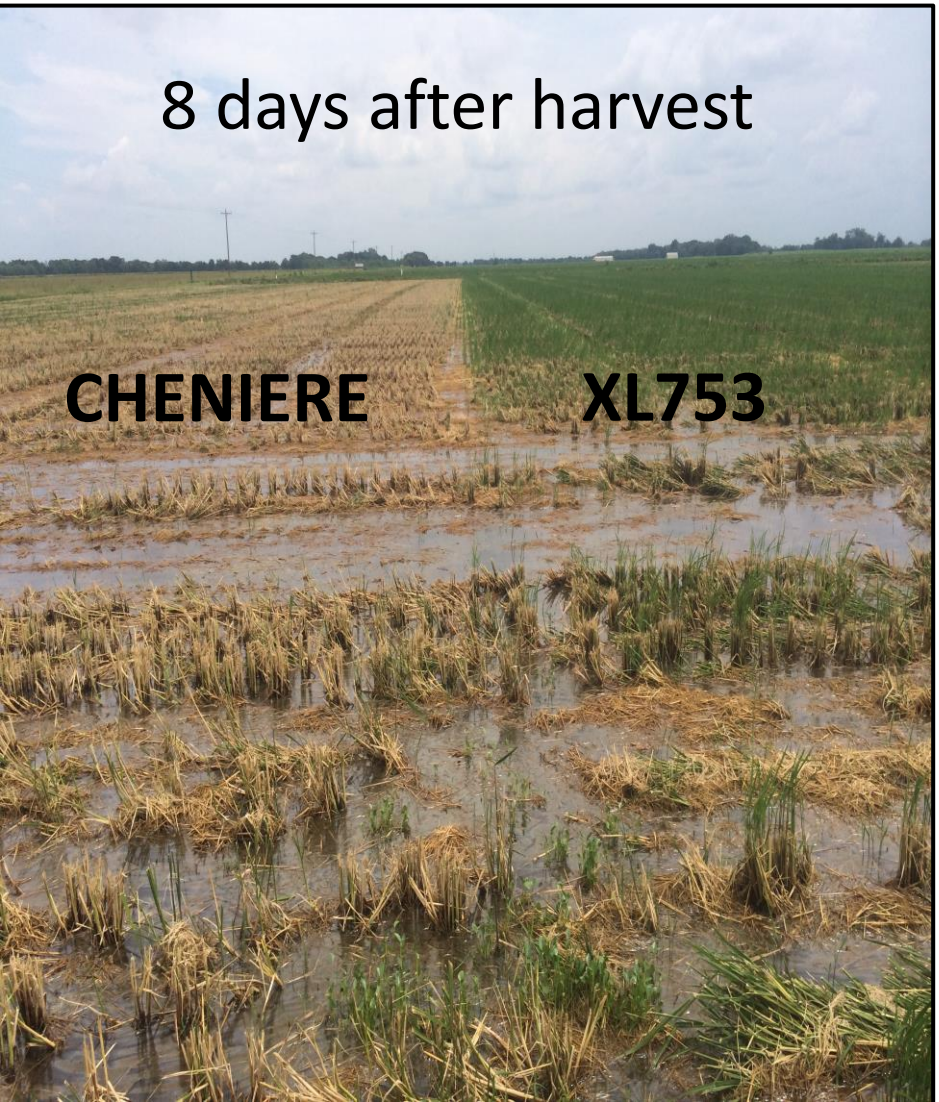
Maturity trend also evident in non-Clearfield Lines

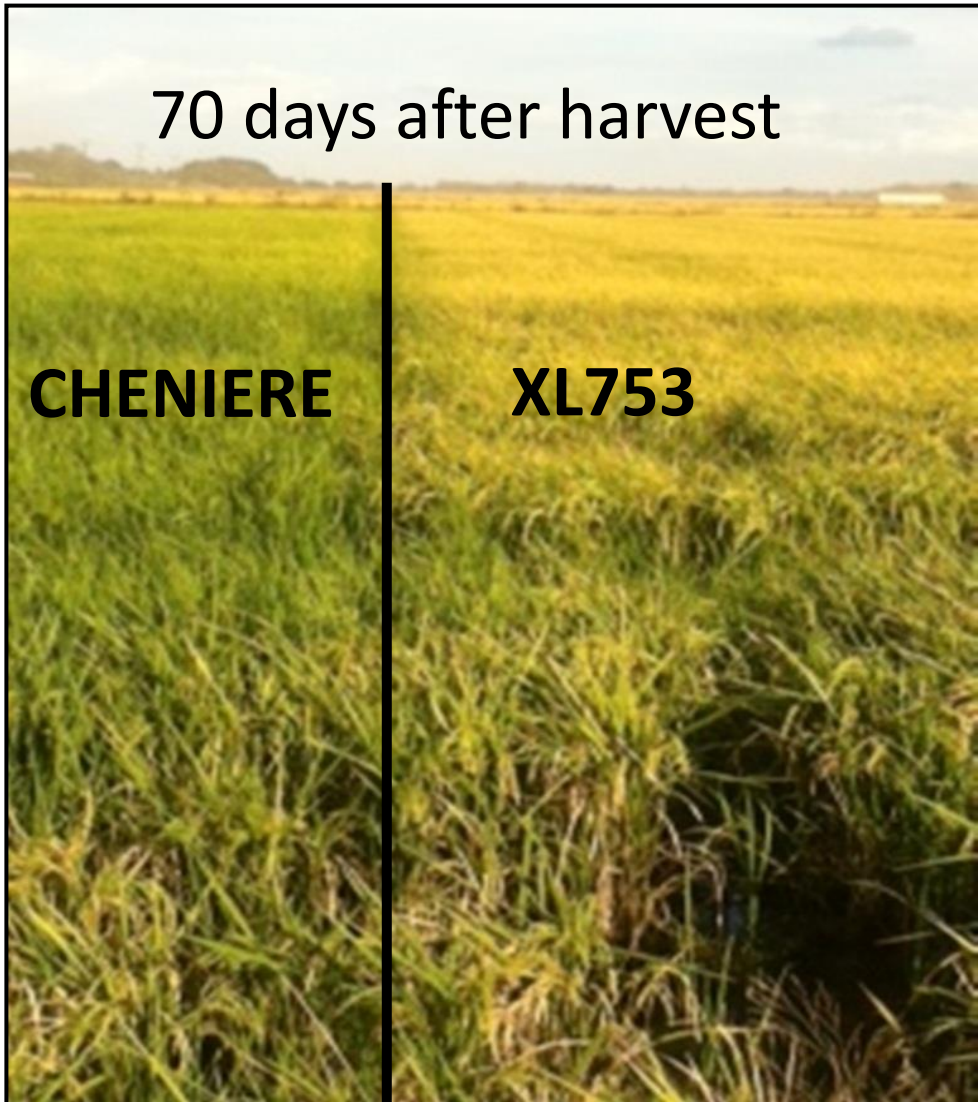
Richard Farms- Vermilion Parish- 2014

Vermilion Parish: 8 Days after Harvest



Maturity trend evident in non-Clearfield Lines
Richard Farms Vermilion Parish 2014





Earlier maturing second crop allows for earlier winter flooding.

Migratory Bird Habitat Initiative

USDA NRCS
United States Department of Agriculture
Natural Resources Conservation Service

Activity 3

Close Risers by
November 1 - February 15

2013 MBHI Activities List

Name
Migratory Waterfowl

Duration
November 1 through February 15

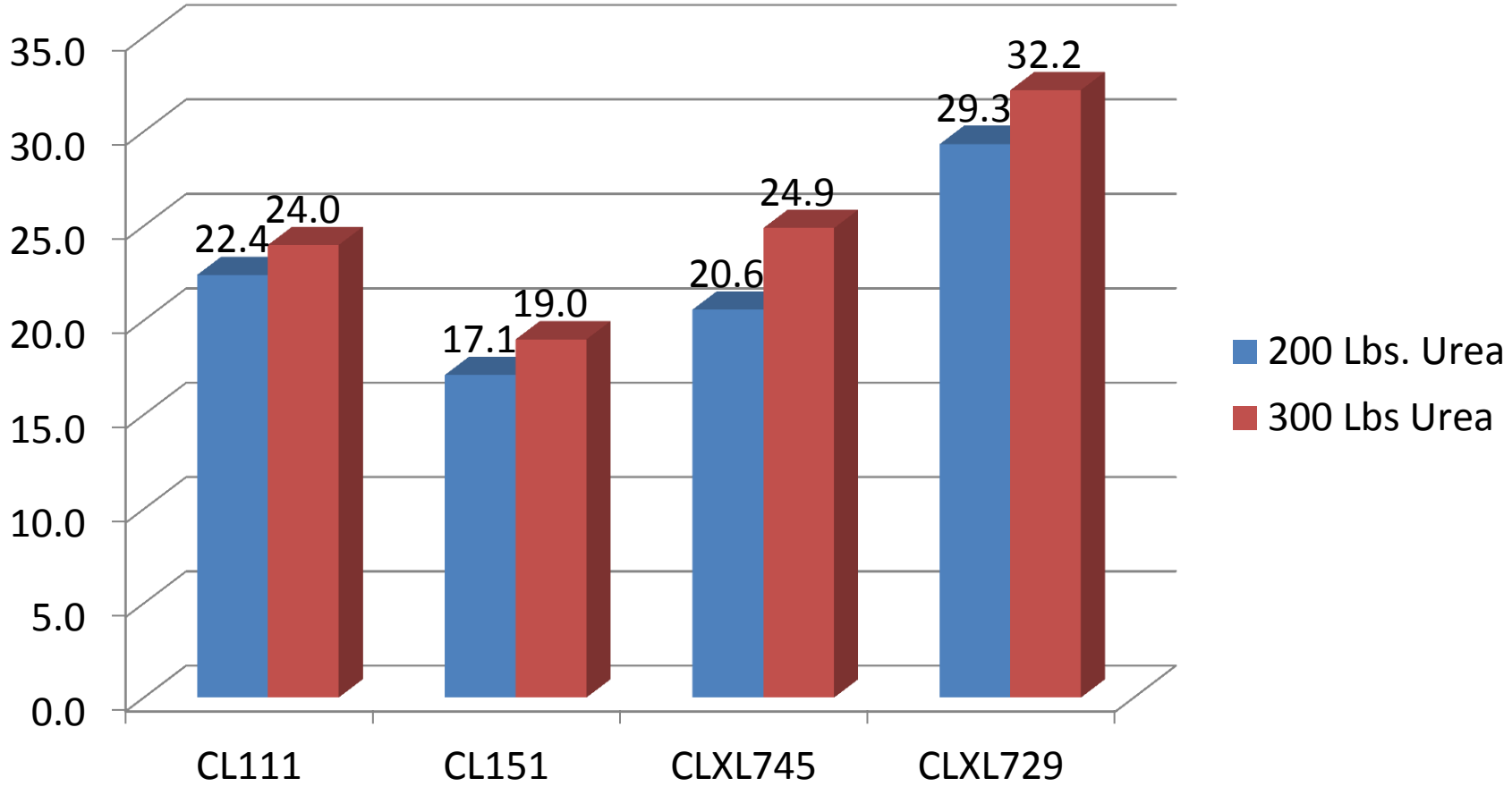
Objective
To provide seasonal, shallow water habitat for migratory waterfowl and wading birds.

Eligible Site
The site must be capable of holding an average of 6 to 18 inches of water for the duration of the activity.

Required Management

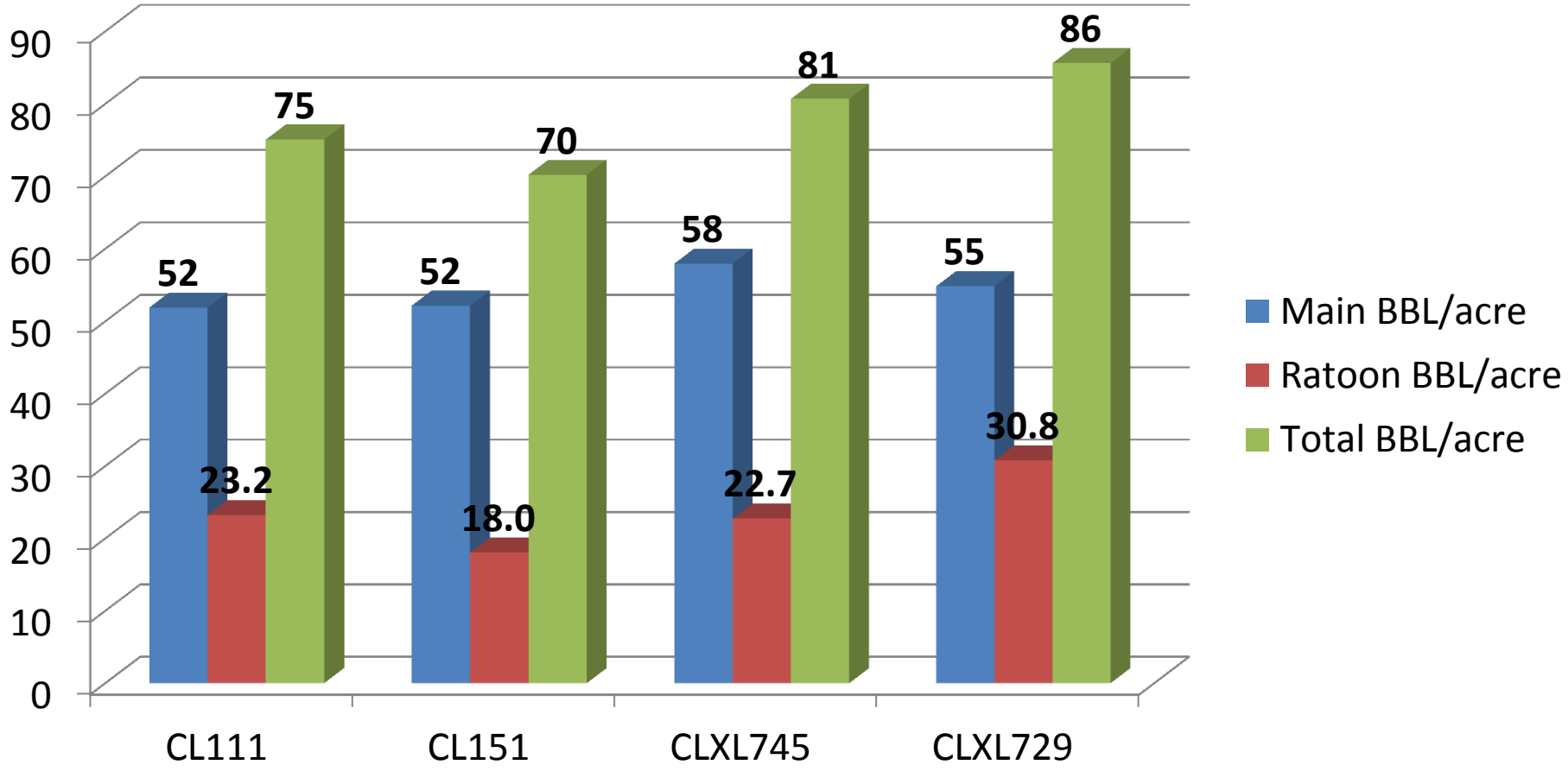
- Structures for water control affecting eligible sites will be closed by November 1 and remain closed through February 15. While not required, water depths of 6 to 10 inches provide maximum benefit to targeted species. Water depths should not exceed 18 inches for any extended period.
- Manipulation **can** occur prior to holding water. No large scale (greater than 80%) manipulation is allowed during the water holding period.

Ross Hebert 2010 Ratoon RFYT



These data are not a guarantee of performance, nor do they constitute a warranty of fitness for a particular use

Ross Hebert 2010 RFYT



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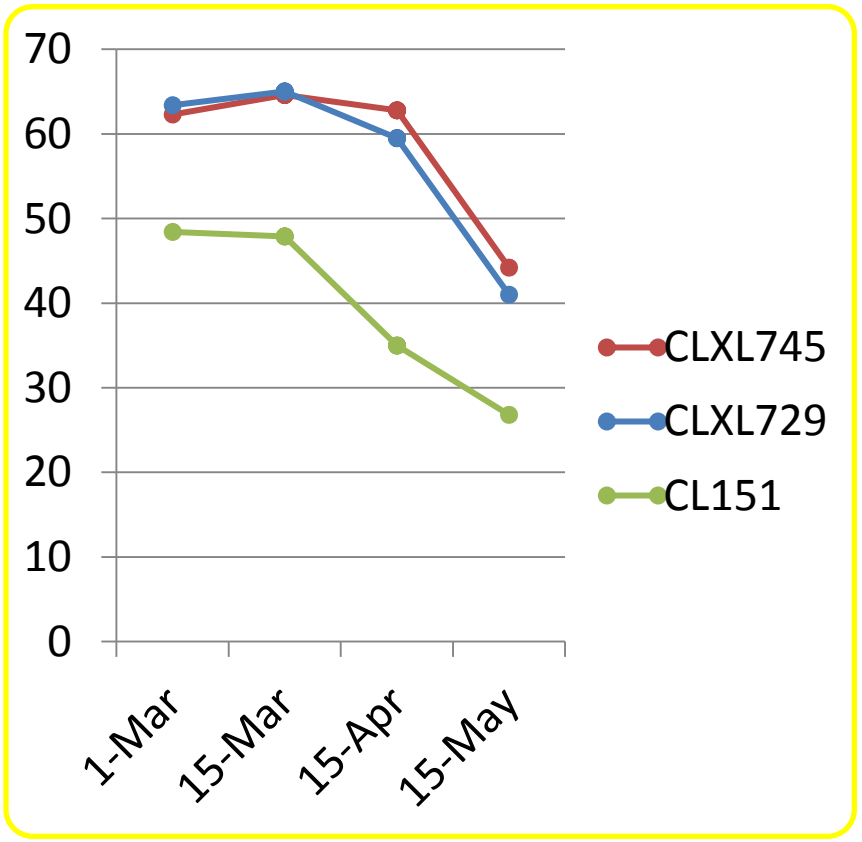
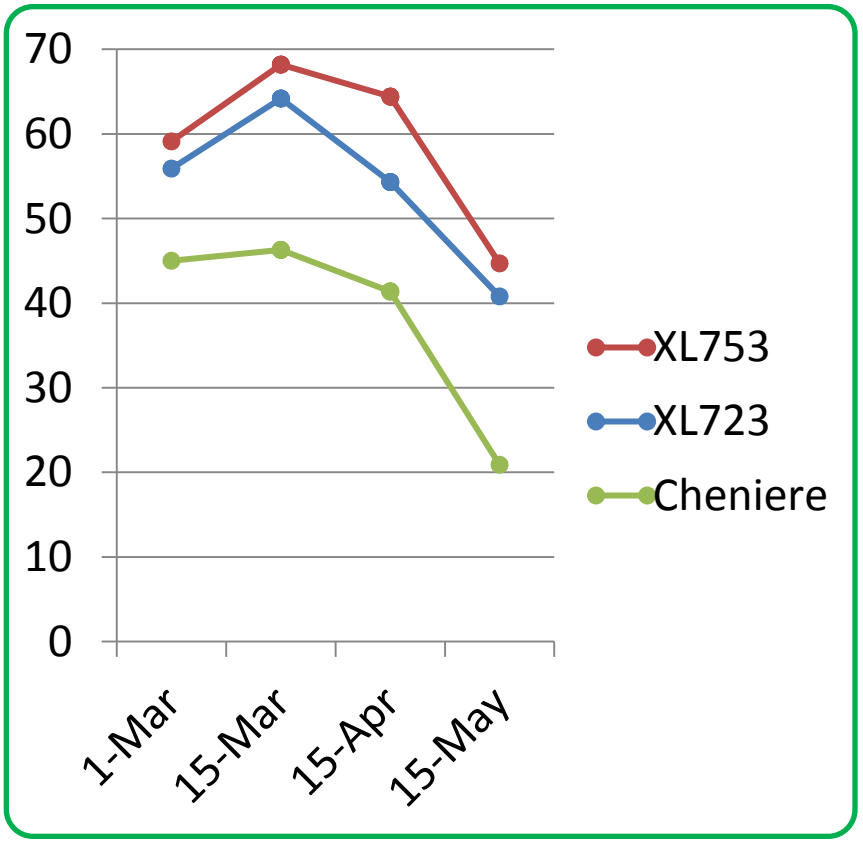
Hybrid Performance by Planting Date 4 Year- Head to Head LA Comparisons (Main Crop)

Clearfield



Non-Clearfield



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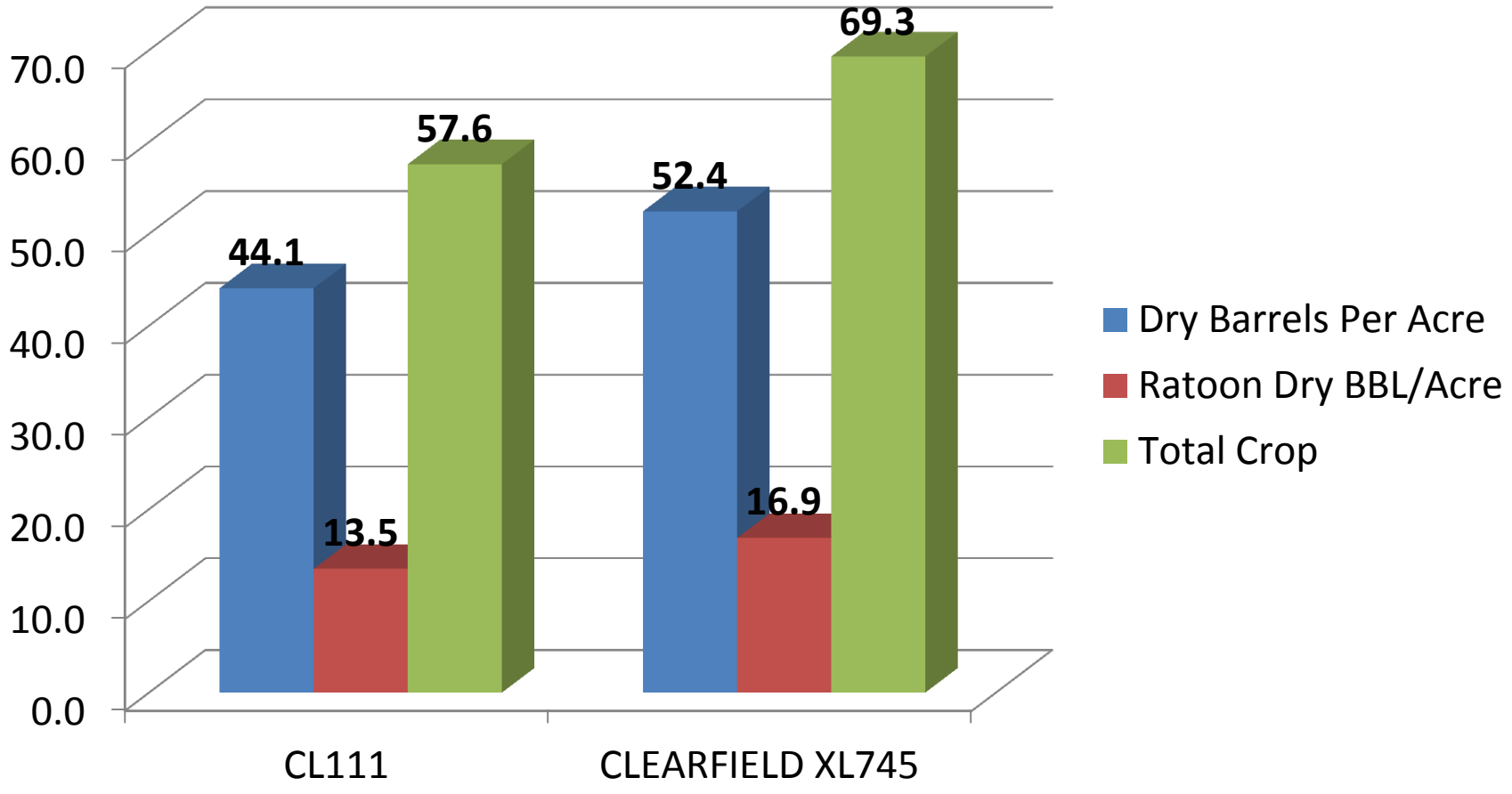
CL111 Vs. CLXL745
3 year head to head comparison



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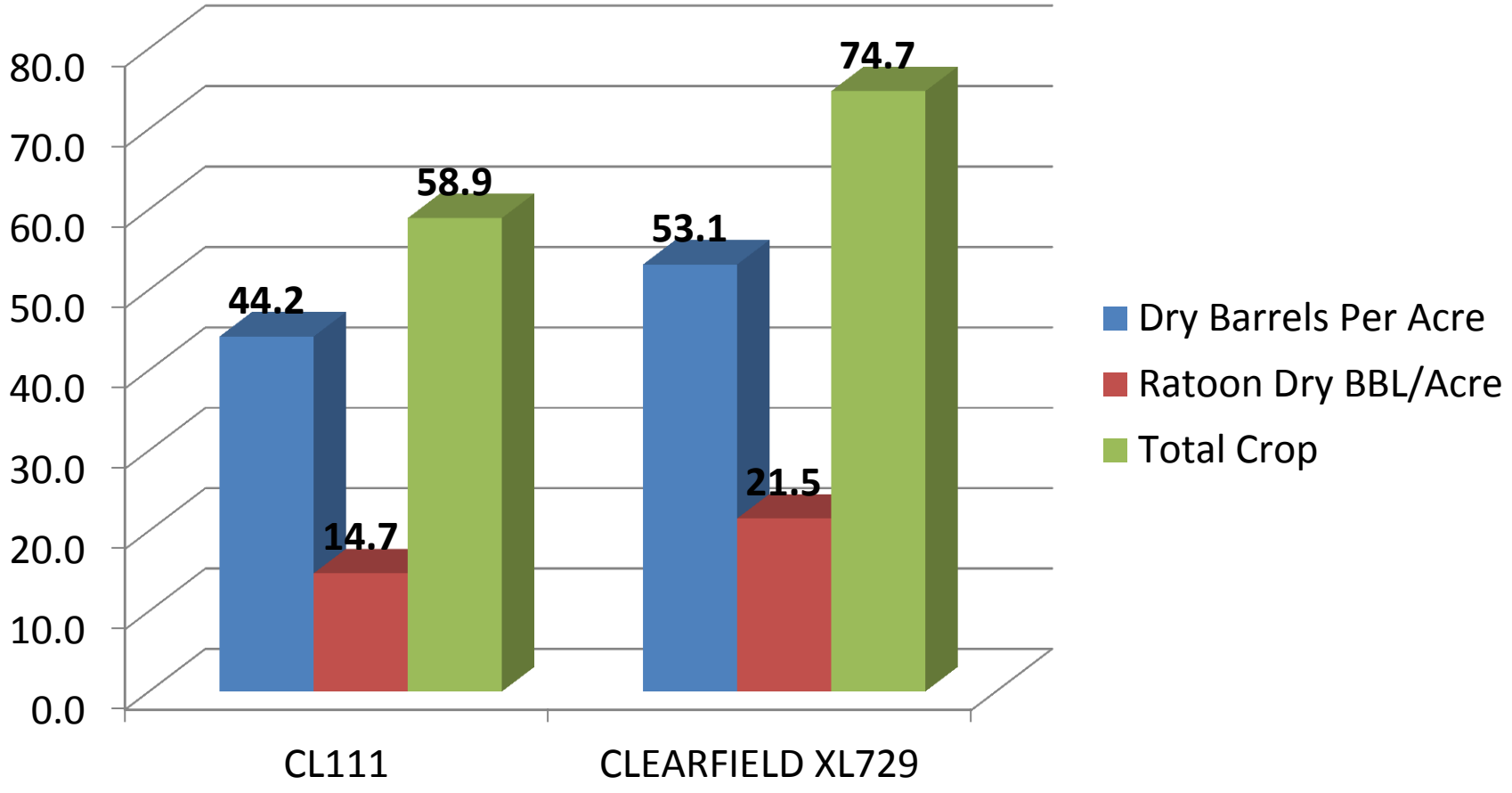
CL111 Vs. CLXL729
3 year head to head comparison



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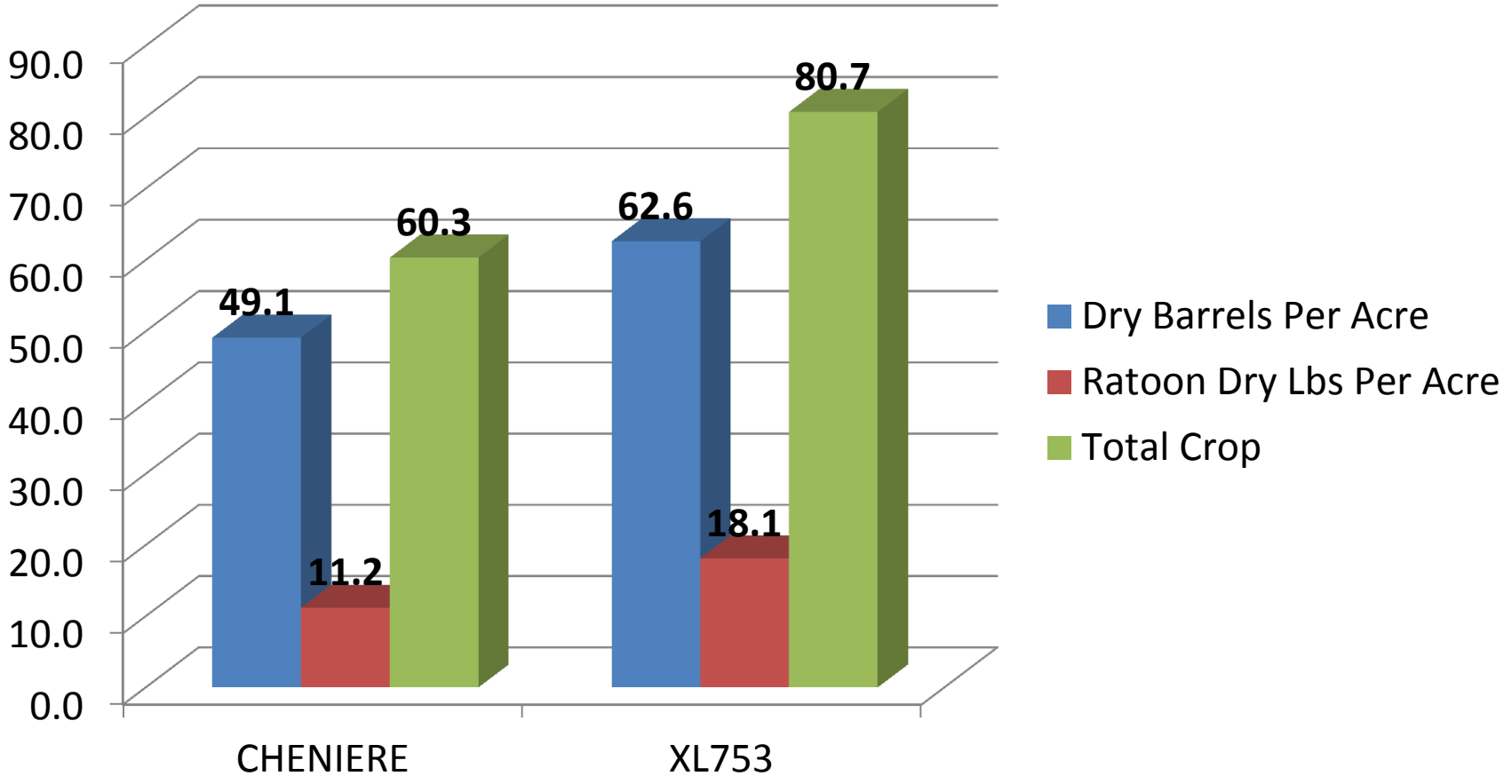
Cheniere Vs. XL753
3 year head to head comparison



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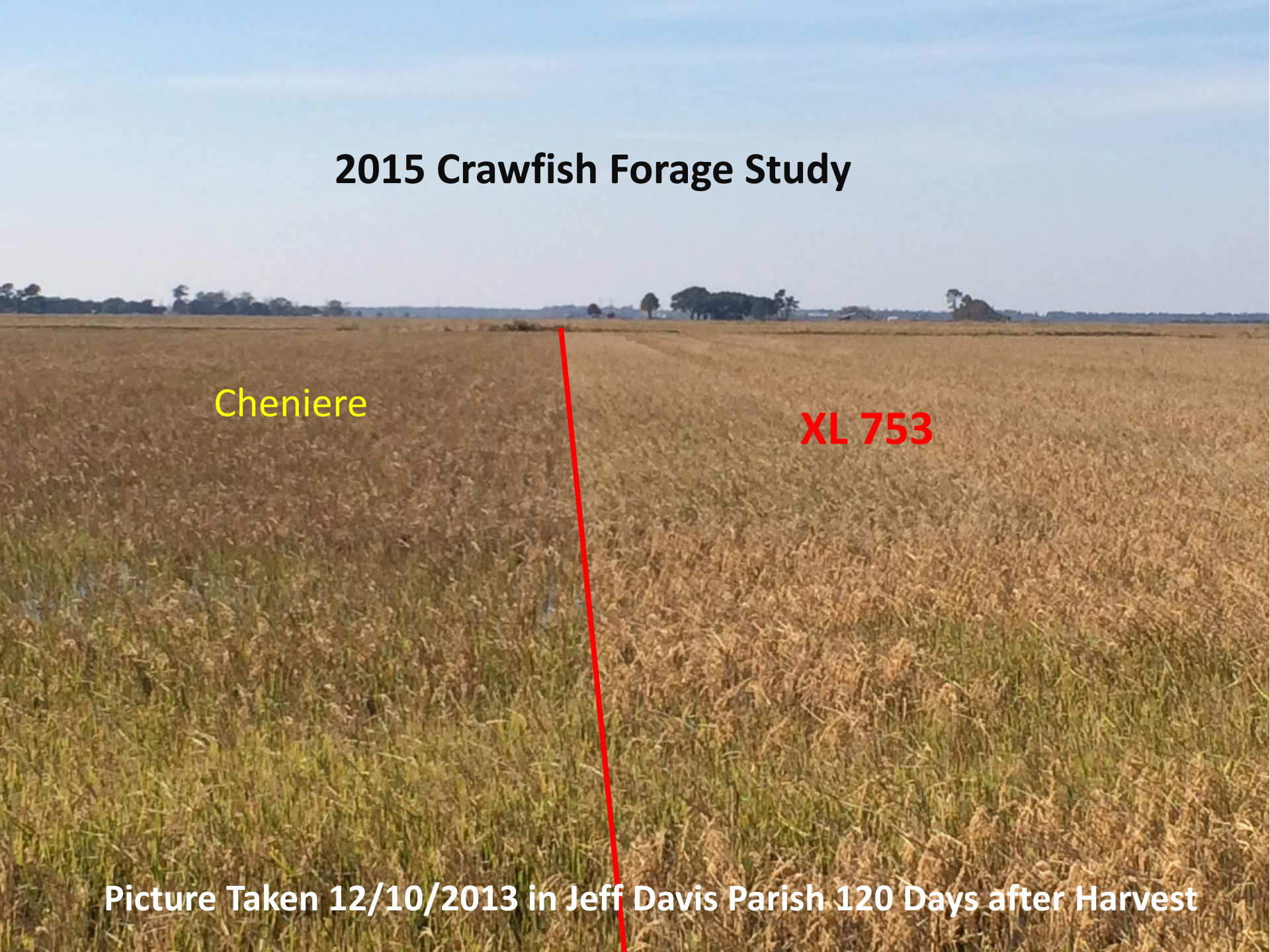
2015 Crawfish Forage Study
Cheniere
XL 753
Picture Taken 12/10/2013 in Jeff Davis Parish 120 Days after Harvest

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THANK YOU!