

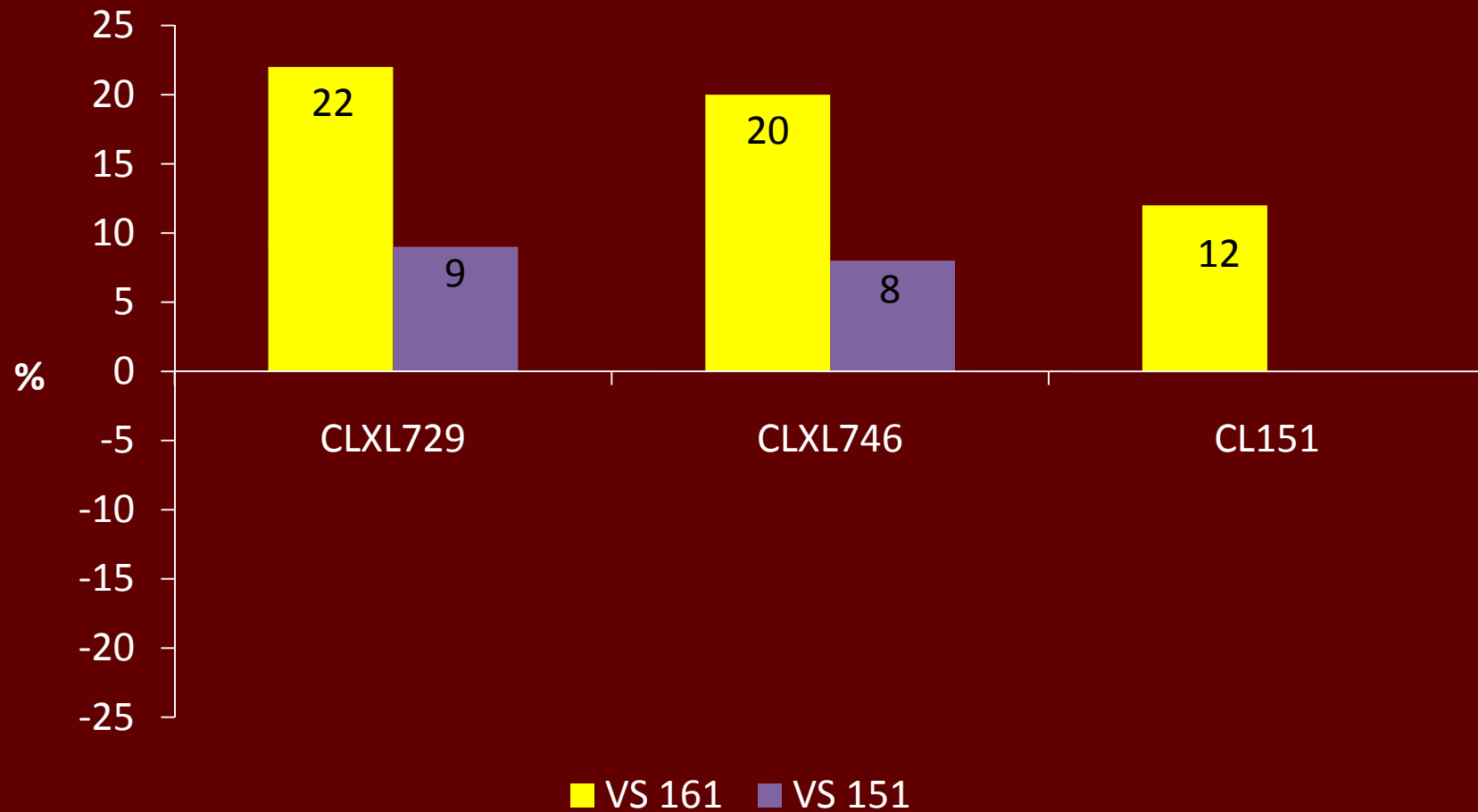
Rice Varieties and Management



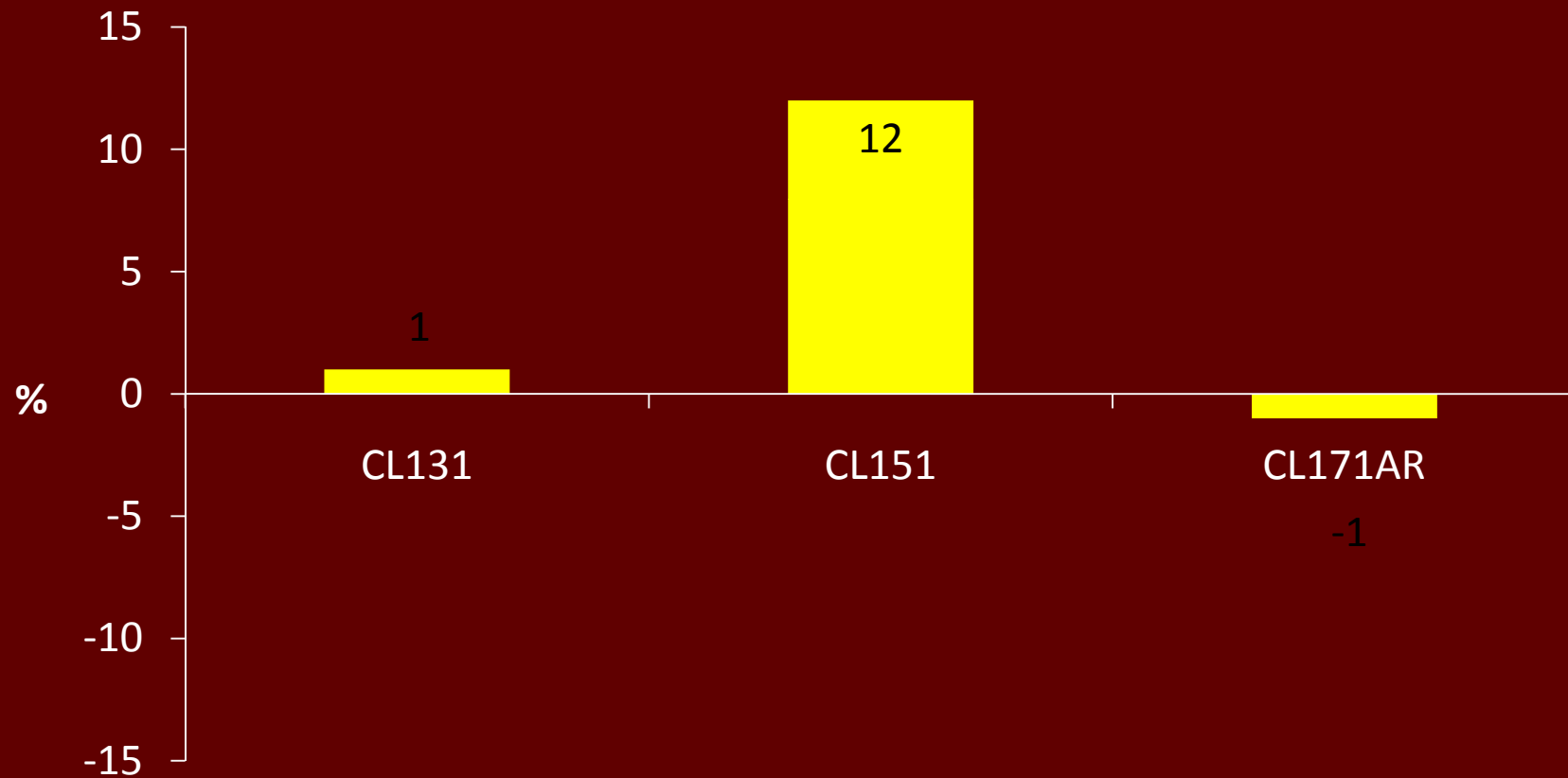
Tim Walker
Associate Agronomist

**Clearfield Rice
Comparisons - 2008**

2008 Rice Yield Trials Agronomy



2008 Rice Yield Trials Breeding



Clearfield Hybrids

Pro's

- Yield
 - 20% advantage over 131, 161, 171
 - <10% advantage over 151
- Disease Resistance
 - Moderately Resistant to Blast
 - Moderately Susceptible to Sheath Blight
 - Moderately Resistant to Straighthead disorder

Con's

- Lower Tolerance to Newpath and Beyond
- Lodging
- Shattering
- 3x price for seed

Clearfield Selection - 2009

- Hybrids
 - Experiment on your farm
 - Plant first – harvest first
 - Minimize risks associated with lodging, shattering, reduced grain quality
- Varieties
 - CL151 has narrowed the yield gap by at least $\frac{1}{2}$
 - Other CL varieties still have a place

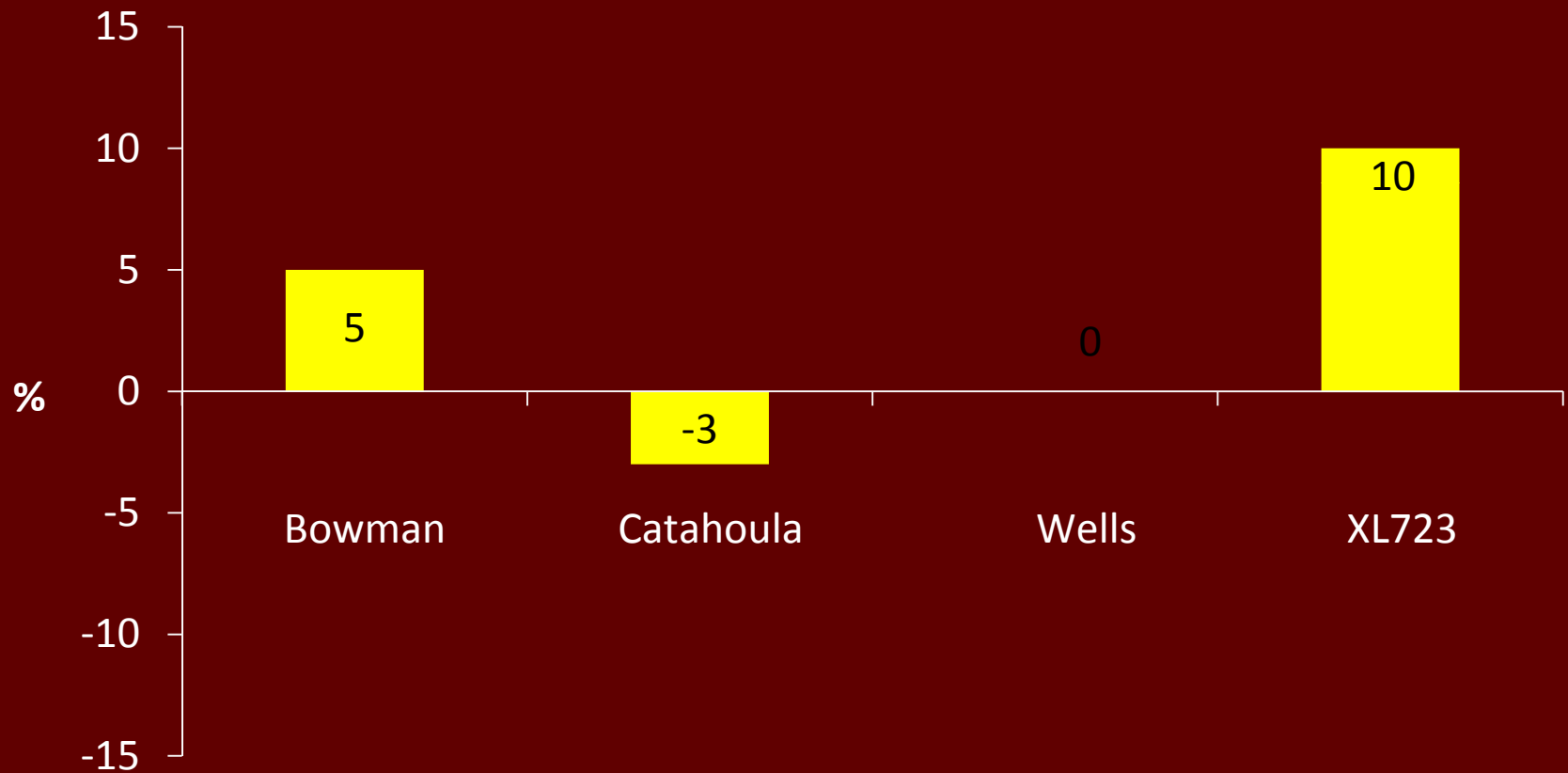
Clearfield 151



- Height = 39 in.
- Rated similar to Cocodrie for Straighthead
- Responds to fungicide for Sheath Blight (15% loss)
- S-VS to Blast
- Susceptible to lodging
- 180 to 210 lb N/a clay
- 150 to 180 lb N/a silt loam

**Conventional Rice
Comparisons/2006-2008**

2008 Rice Yield Trials Breeding



Bowman



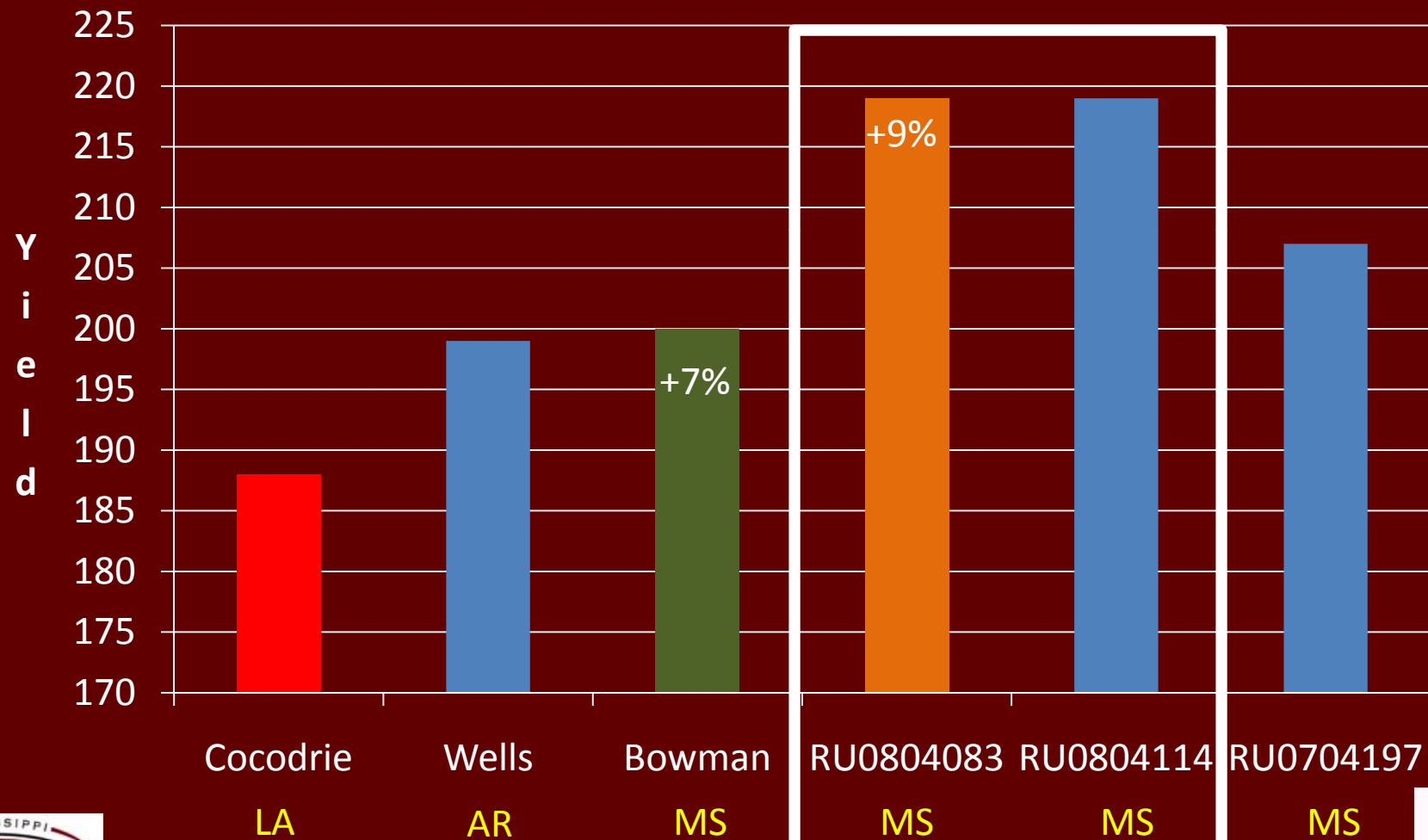
- Height = 39 in.
- Similar to Priscilla for Straighthead
- Variable Response to Fungicide (3%)
- S to Blast
- Better lodging resistance than CCDR
- 180 to 210 lb N/a clay
- 150 to 180 lb N/a silt loam

Bowman

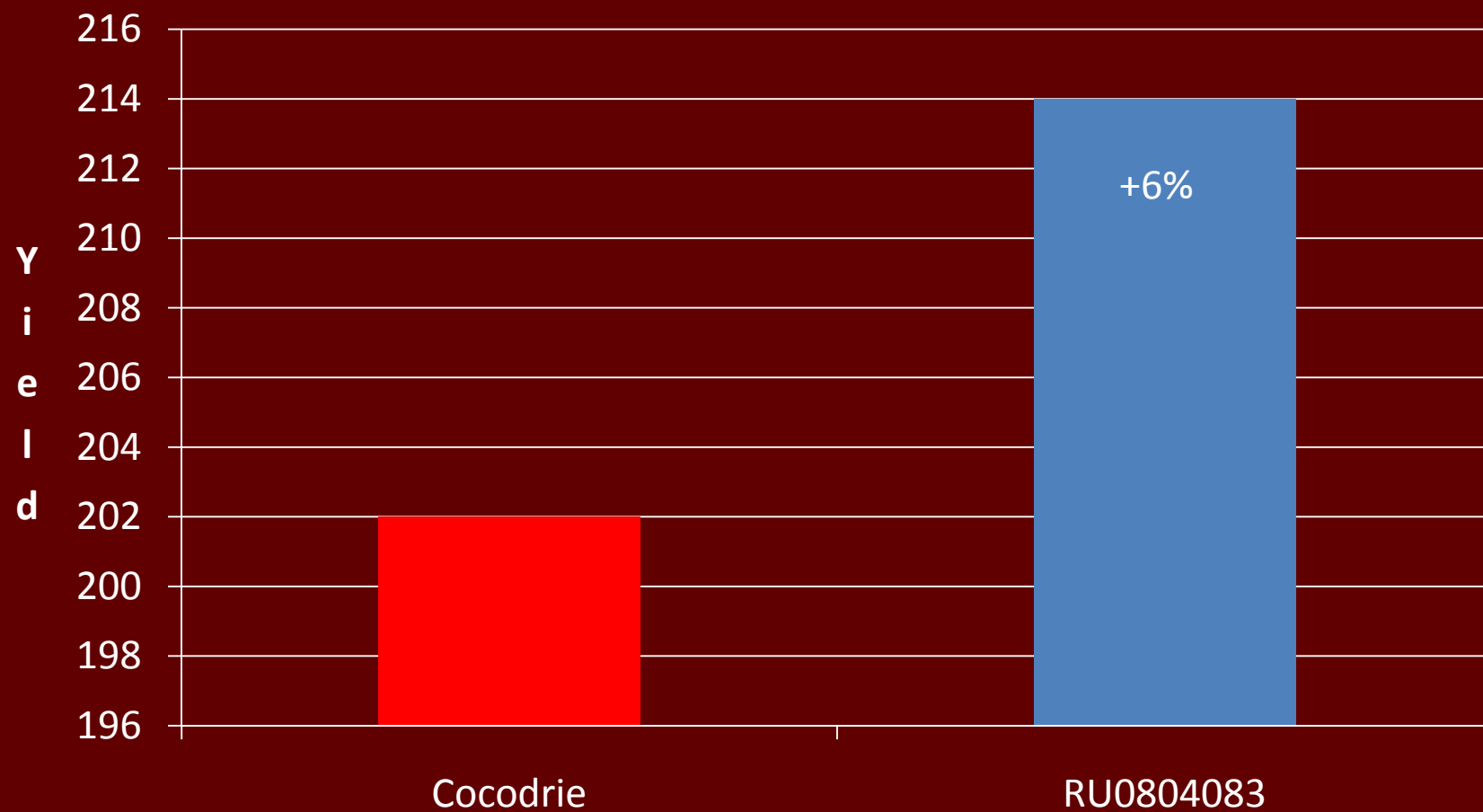


- Scattered variants
 - Purple
 - Awned
 - Early maturing
 - Late maturing
- **NO Red Rice!!!**
 - Genetic Testing
- Asthetic in nature

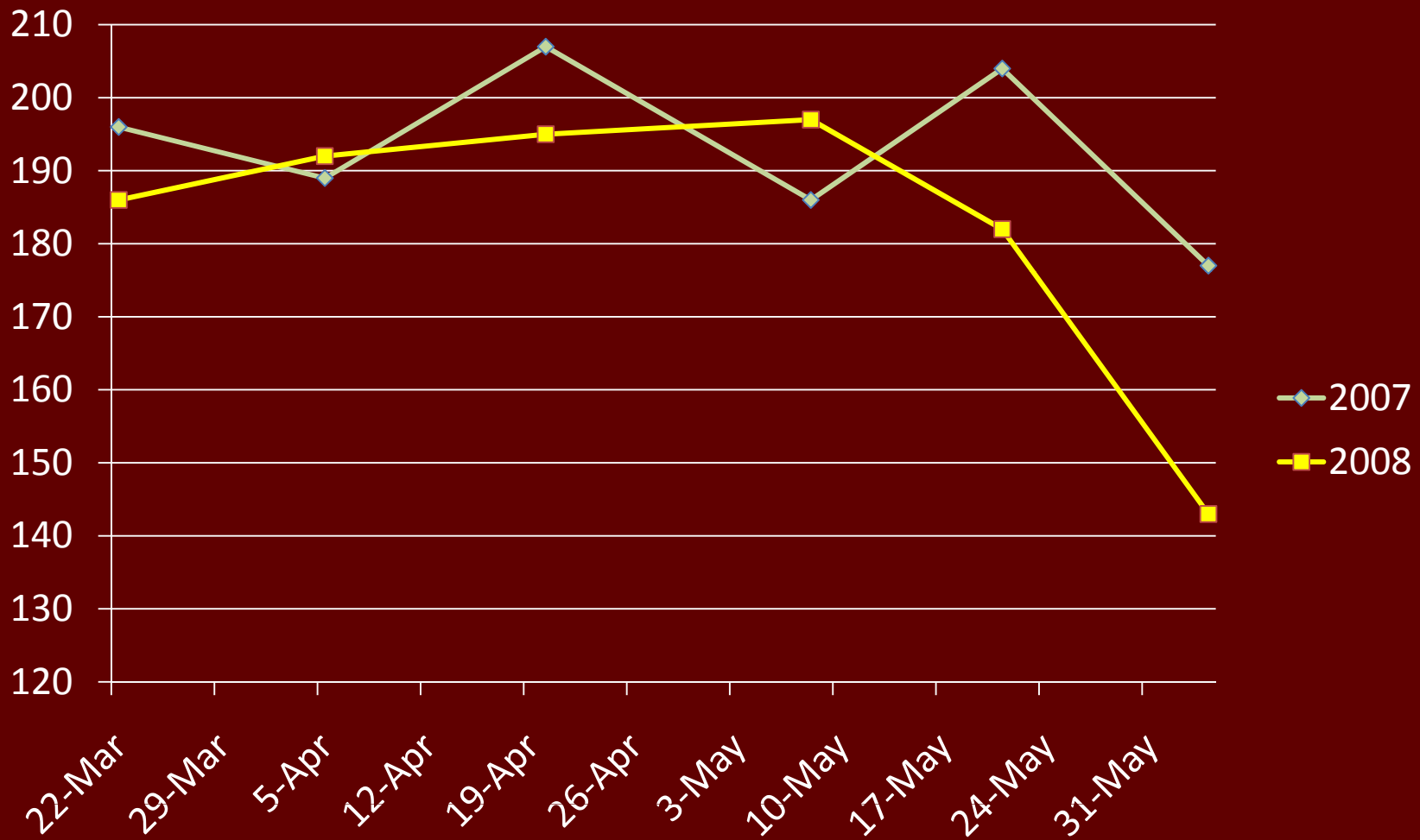
2008 Rice Variety Trials



2006-2008 Yield Tests

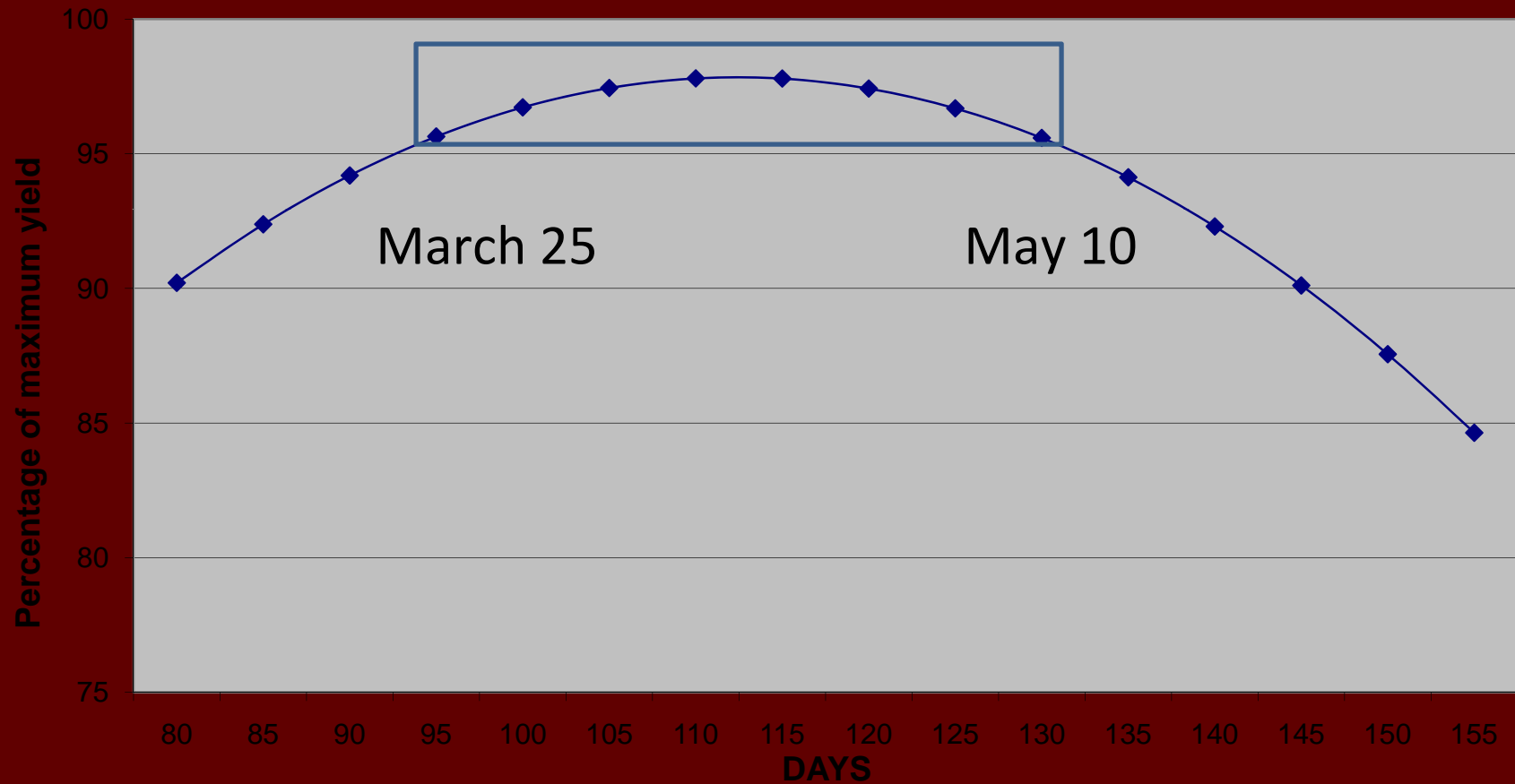


What a Difference a Year Makes!



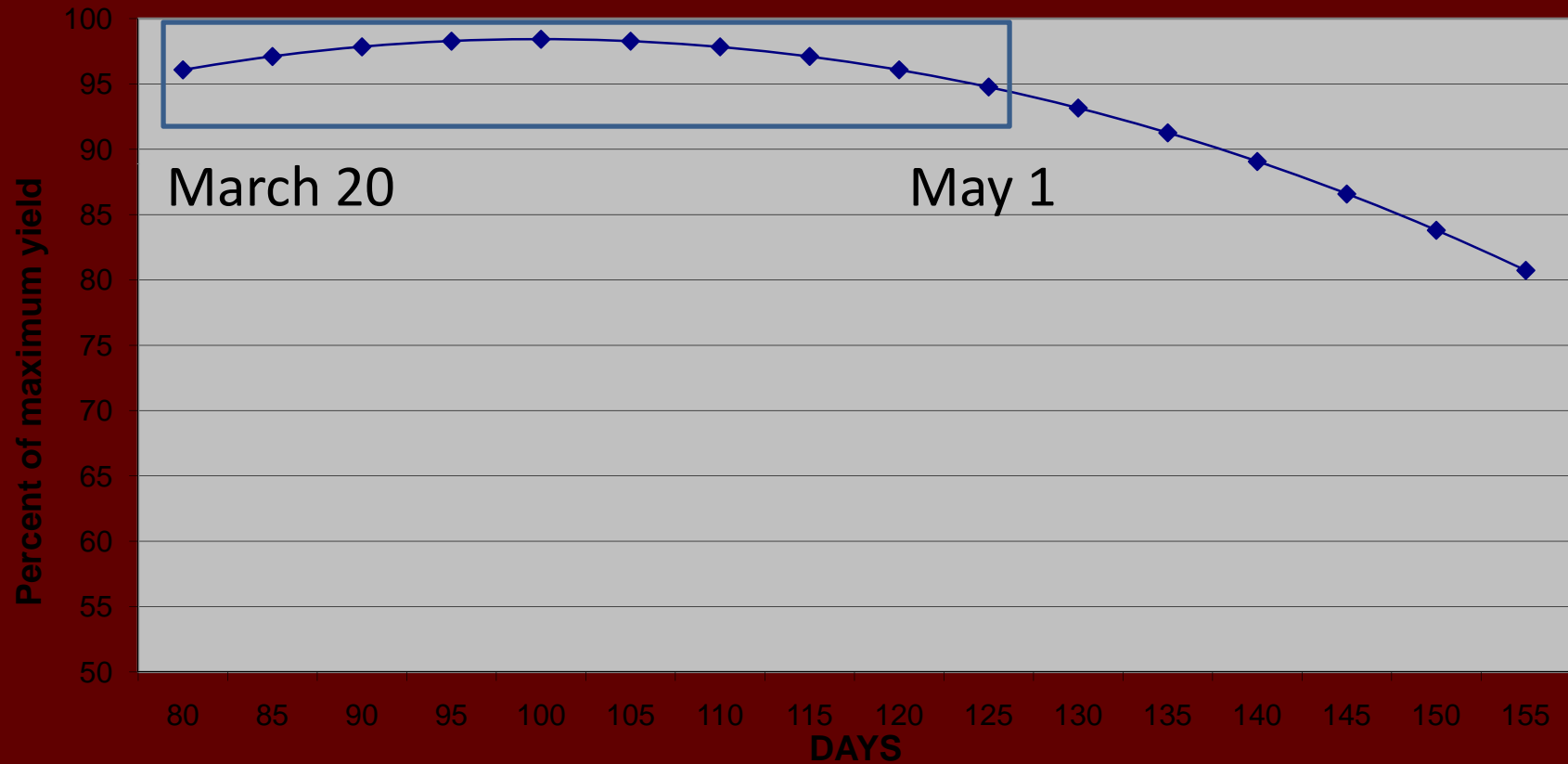
Planting Dates – Conv. Varieties

Plot of Seven Cultivars



Planting Dates – CL161

Plot of CL161



Thank You for Partnering With Us!

