2007 Foliar Fungicide Trials on Corn
South Central Agricultural Laboratory
Clay Center, NE

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2007 Foliar Fungicide Trials

- **New high clearance sprayer for 2007**
- **Elevated disease risk:**
- **Continuous corn**
- **Late planting (May 14, 2007)**
- **6 reps**
- **20 gpa**
- **Overhead sprinkler irrigated**

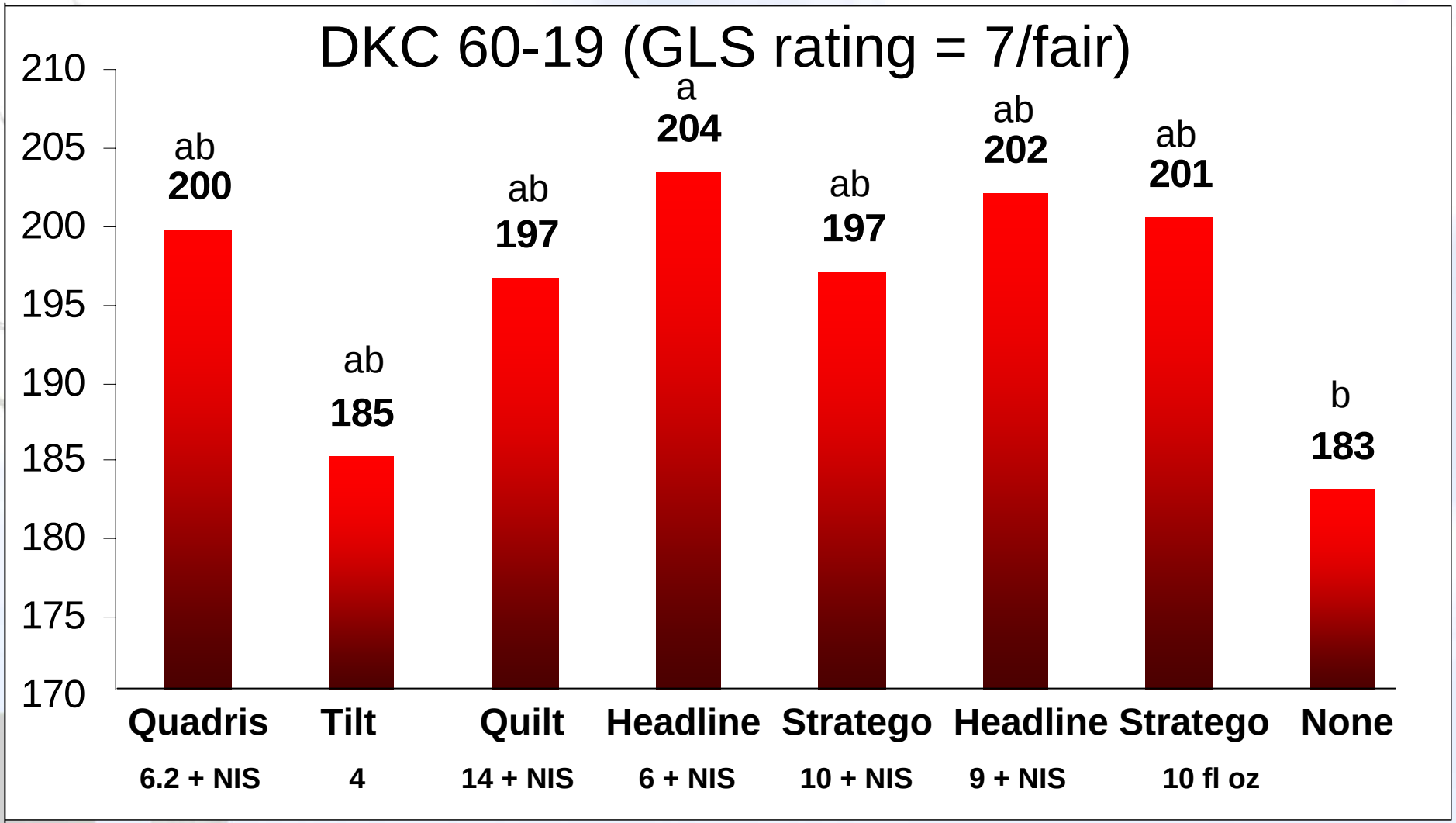
South Central Ag Lab, Clay Center, NE

Acknowledgement – Big John Manufacturing, Althouse, Ridgway, Rathje

2007 Foliar Fungicide Trials

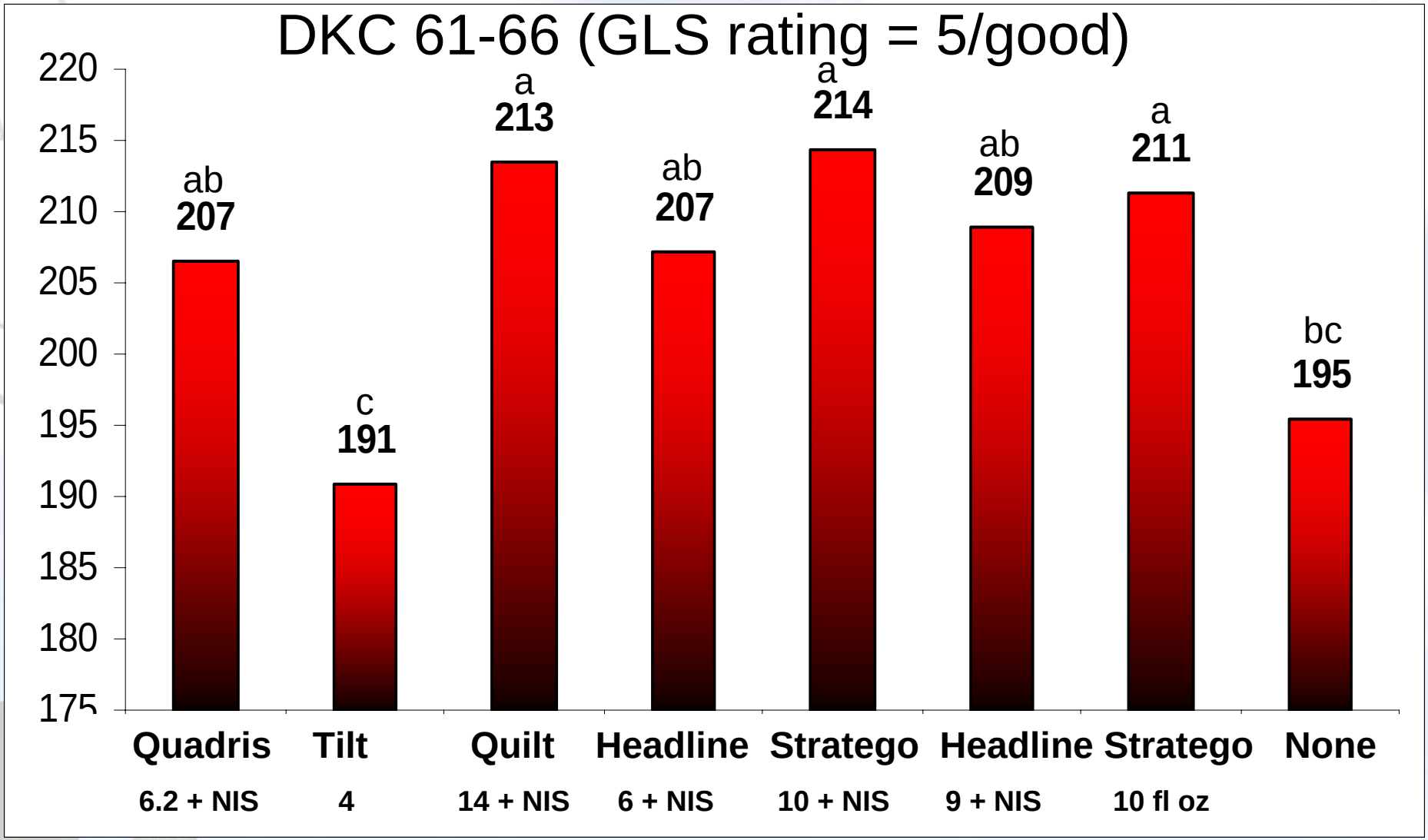
Gray Leaf Spot Severity (Lower Leaves) at Tasseling – July 22, 2007

2007 Corn Yield in NE



South Central Agricultural Lab near Clay Center, NE
Planted May 14, 2007, 6 reps
Fungicides applied at VT (July 23), 20 gpa, NIS = 0.25% v/v

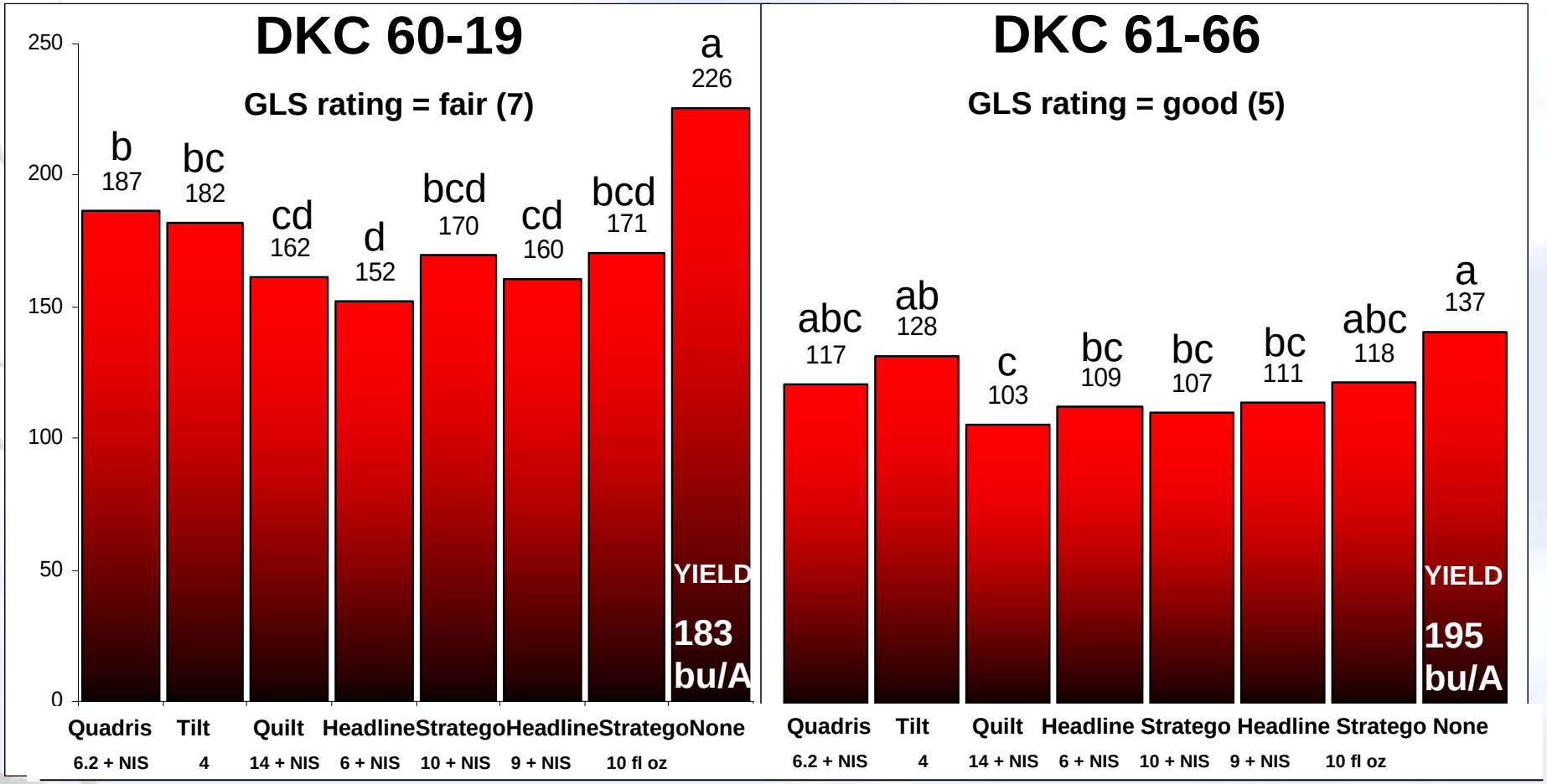
2007 Corn Yield in NE



Planted May 14, 2007, South Central Ag Lab, Clay Center, NE

Fungicides applied at VT (July 23), 20 gpa, NIS = 0.25% v/v, 6 reps

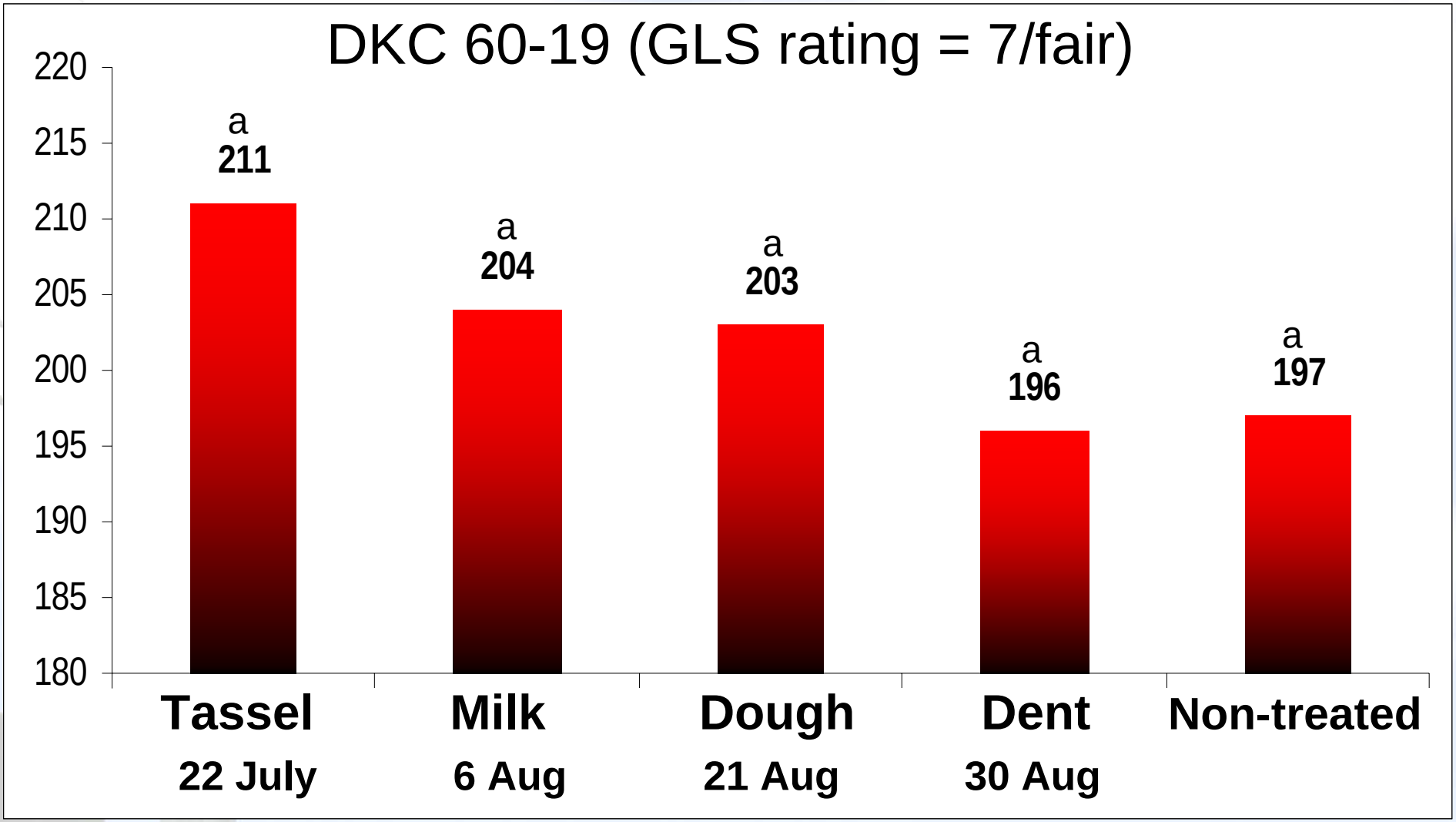
2007 GLS Severity in NE



AUDPC = area under disease progress curve
Disease rated July 15 and 30, August 20
Planted May 14, 2007, South Central Ag Lab, Clay Center, NE
Fungicides applied at VT (July 23), 20 gpa, NIS = 0.25% v/v, 6 reps

The late season (early August) development of severe southern rust in Nebraska in 2006 led to questions about the profitability of late-season fungicide applications.

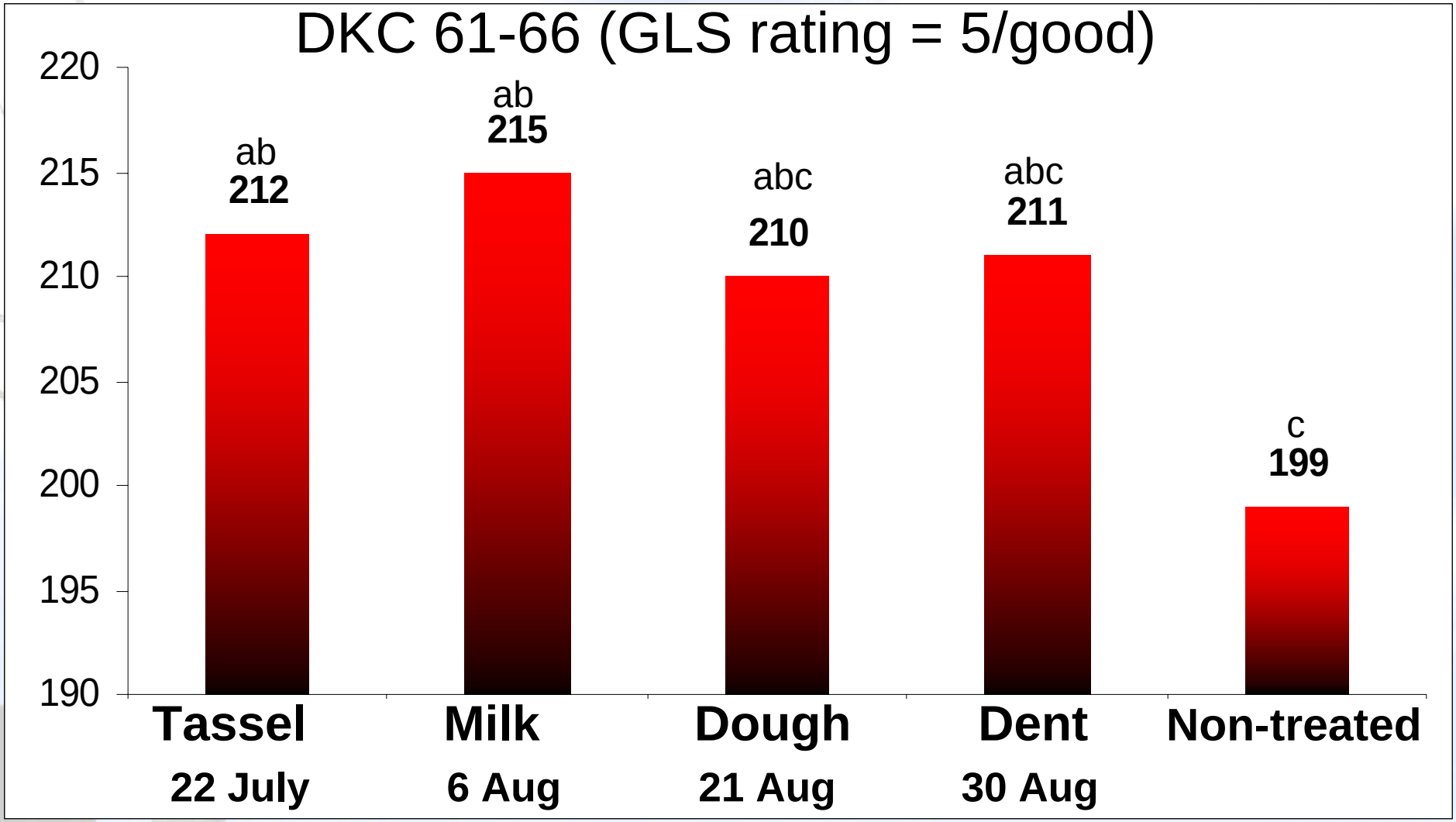
2007 Corn Yield in NE



Planted May 14, 2007, South Central Ag Lab, Clay Center, NE

Headline (6 fl oz/A + 0.25% NIS) applied at 20 gpa, NIS = 0.25% v/v, 6 reps

2007 Corn Yield in NE



Planted May 14, 2007, South Central Ag Lab, Clay Center, NE
Headline (6 fl oz/A + 0.25% NIS) applied at 20 gpa, NIS = 0.25% v/v, 6 reps

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