

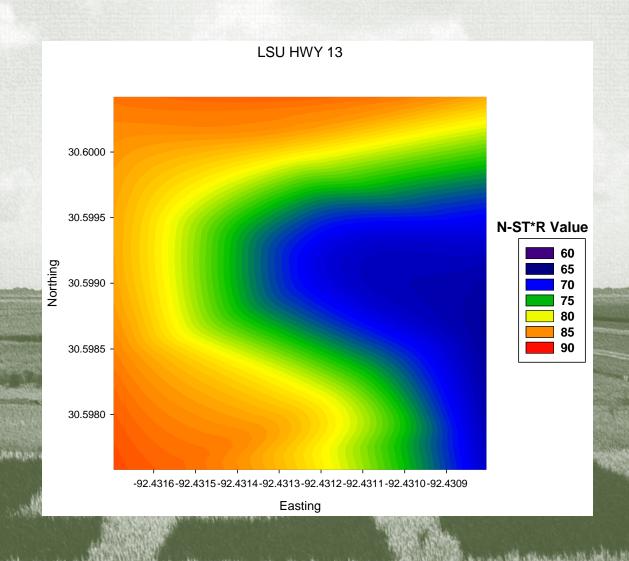




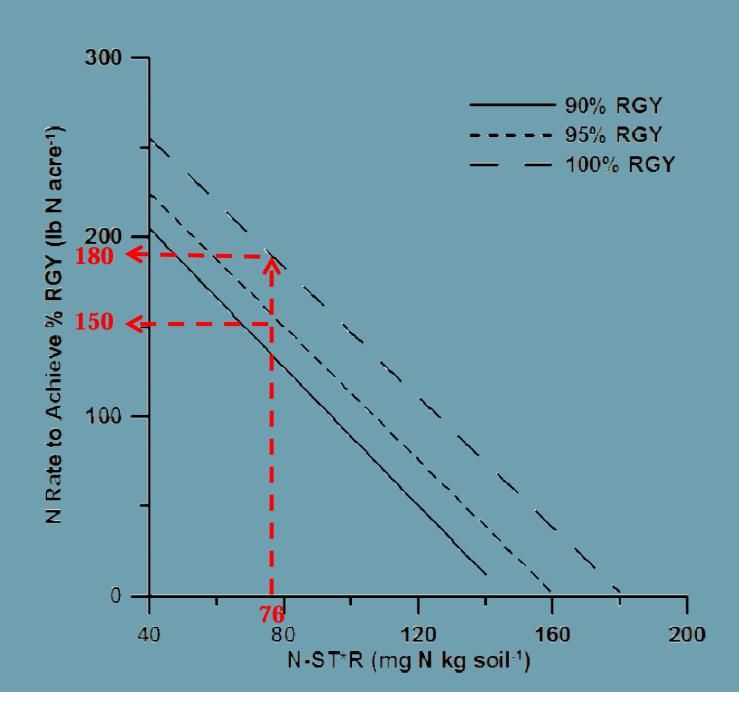
Feb. 22, 2011 10-11 samples to 18"



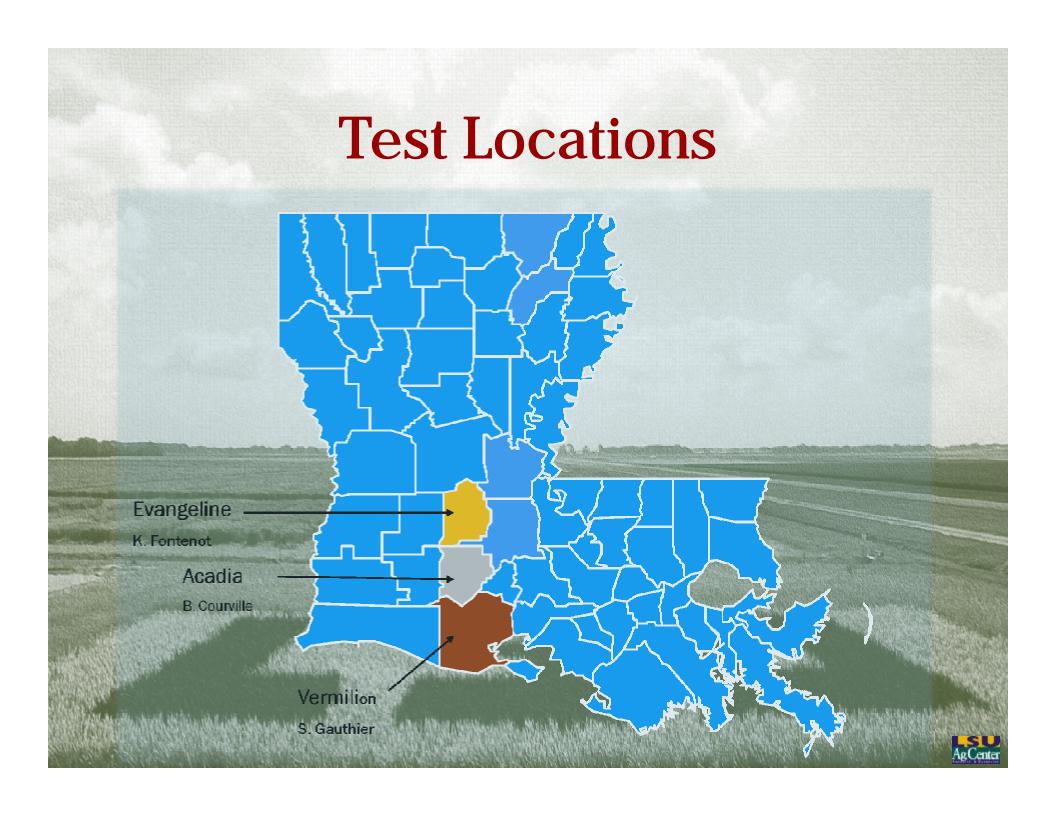
Location not used











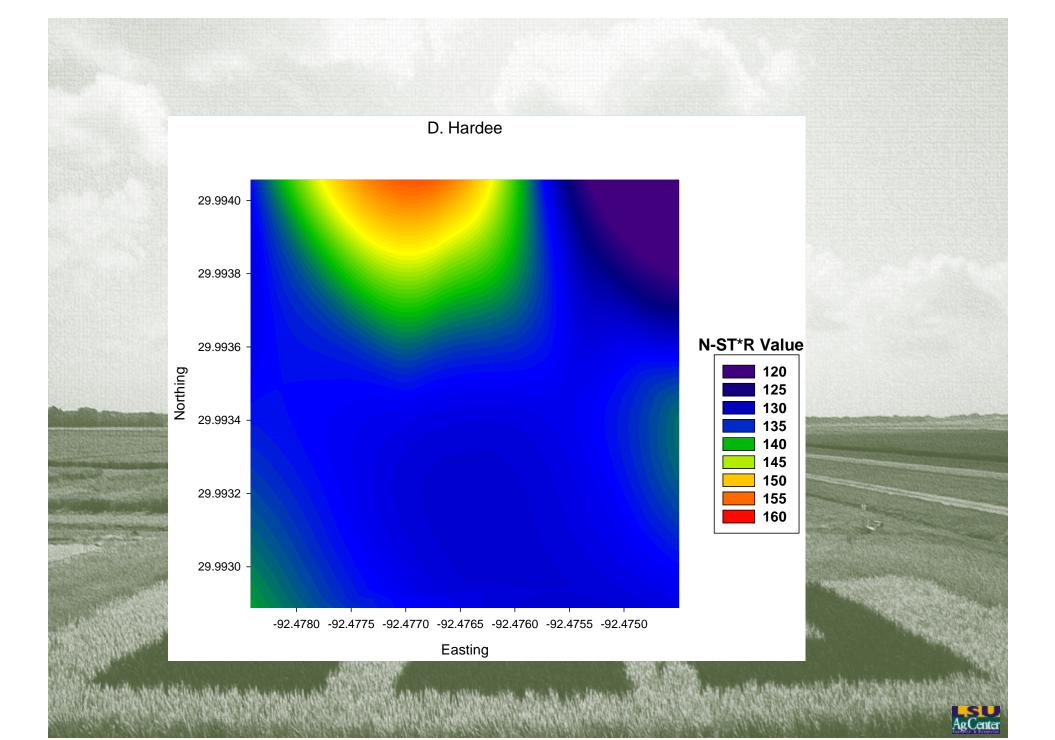


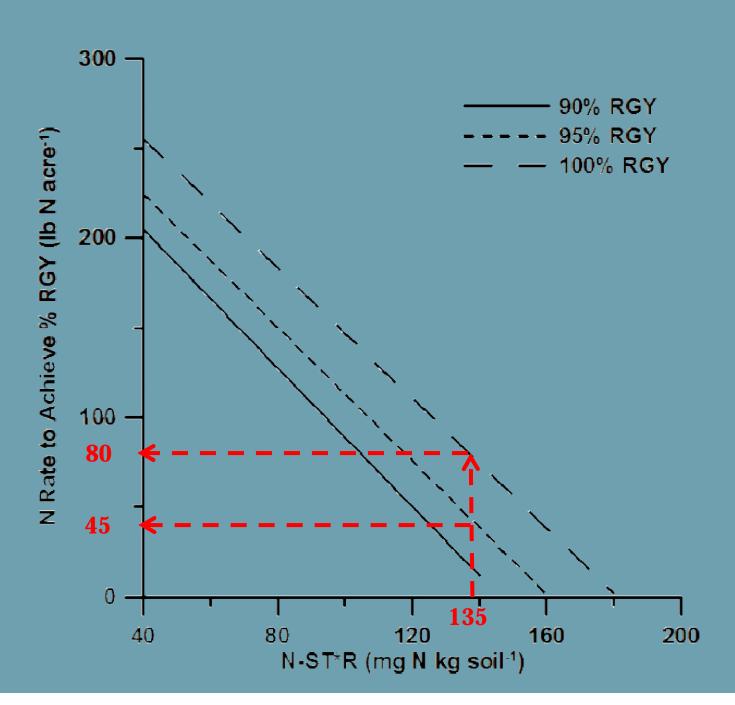
Hardee Farm

- Farmer: Dwight & Richard Hardee
- Location: Gueydan (VP)
- Soil: Kaplan SL
- Rotation:
 - Rice (08), Soybean (09), Soybean (10)

- Variety: CL151
- Seeding: ds @ 70 lb, no-till following beans
- Estimated N rate: 135 lb/A
- 150 lbs DAP; Zinc sulfate









N ST*R Recommendations

- 95% RGY = 45 lbs
 42 lbs N (AMS 200 SPF)
- 100% RGY = 80 lbs
 - 84 lbs N (AMS 400 SPF)
- FP = 135 lbs N
 - 76.5 (200 AMS PF + 75 Urea GR)



DWIGHT Hardee 5/2/201) 21% @ 200# 46% @ 25# Hard Wing 1147, @ 25# 10dog after History 16 acre field **200 flown on 95%** © 200165. @ 40016 (450 ^k%) **Second pass on 100%**



N ST*R Rec. and Results

- 95% RGY = 45 lbs
 - 42 lbs N (AMS 200 SPF)
- 100% RGY = 80 lbs
 - 84 lbs N (AMS 400 SPF)
- FP = 135 lbs N

 76.5 (200 AMS + 75 Urea)

41 bbl



41.5 bbl



41.5 bbl





R & N Farms

- Farmers: Richard and Neil Fontenot
- History:
 - Soybean (08), Rice (09), Soybean (10)

- Location: Vidrine
- Soil: Crowley Vidrine Complex

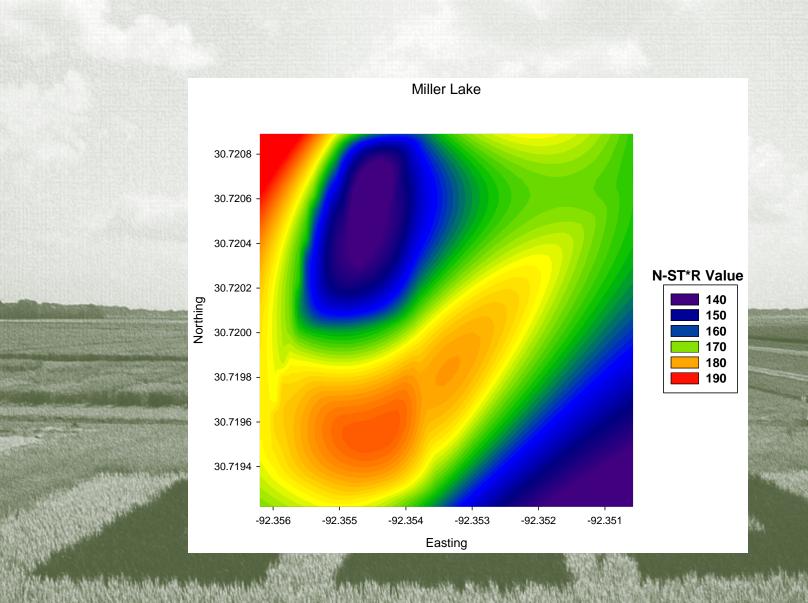
Seeding: drill seeded, CT

Variety: CL151

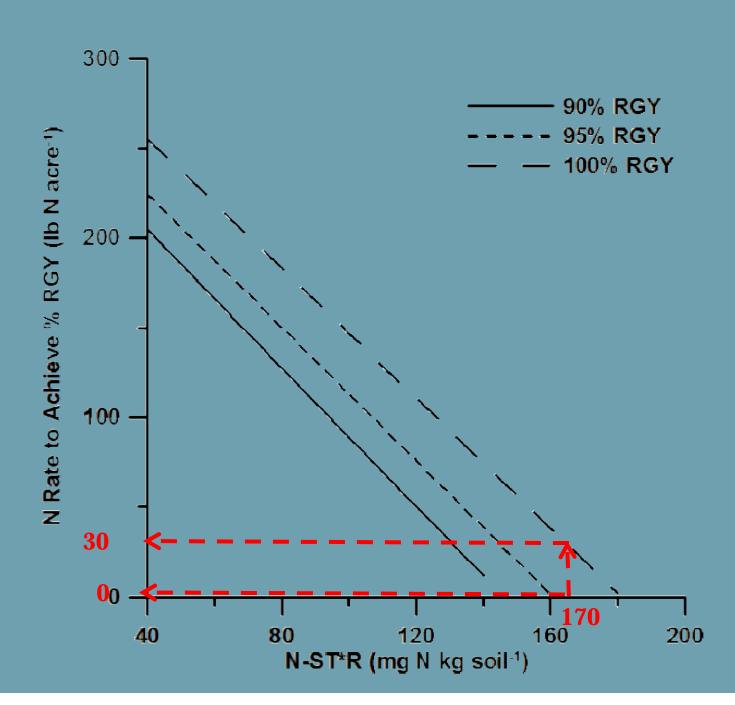




20 Ac









N ST*R Rec. and Results

- 95% RGY = 0 lbs N
- 100% RGY = 35 lbs N
 - 35 (Urea @ 76 lbs experimental applicator)
- $\overline{\text{FP}} = 140 \text{ lbs} \text{ N}$
 - 200 lb Agrotain treated urea @ PF +
 - 180 lbs 27-0-17 blend GR









NST*R Rec. and Results

• 95% RGY = 0 lbs N

37 bbl



• 100% RGY = 35 lbs N 43.5 bbl



• FP = 140 lbs N

45 bbl





GFP Farm

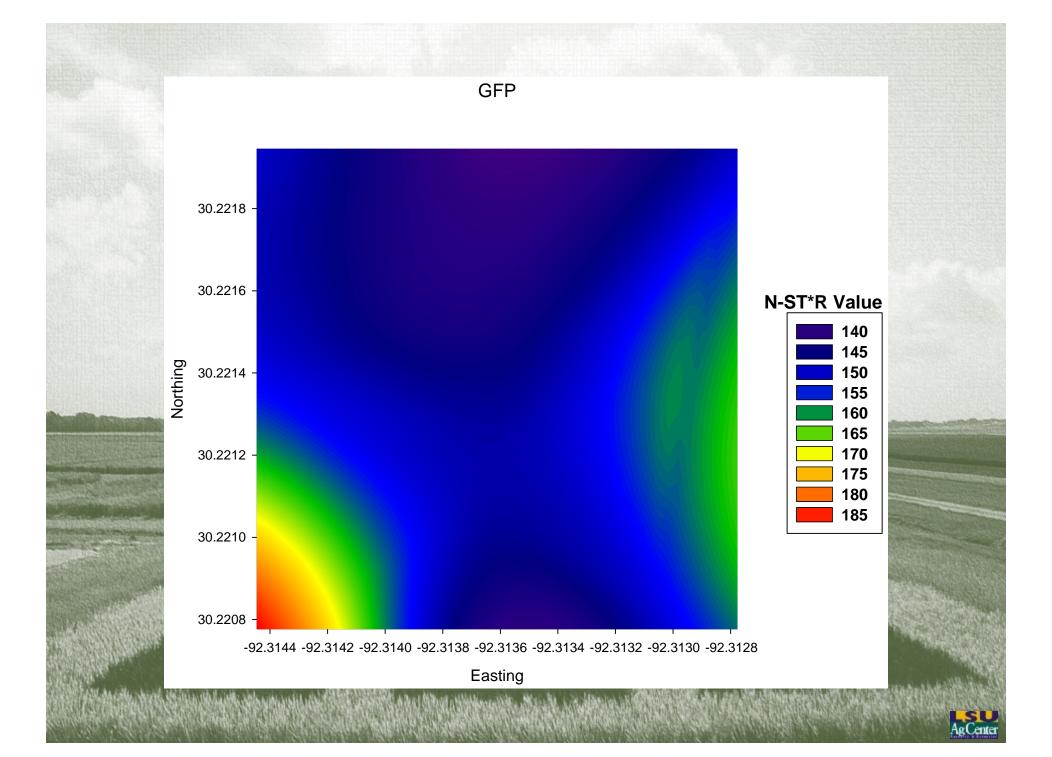
 Farmer: Paul and Fred Zaunbrecher Variety CL131

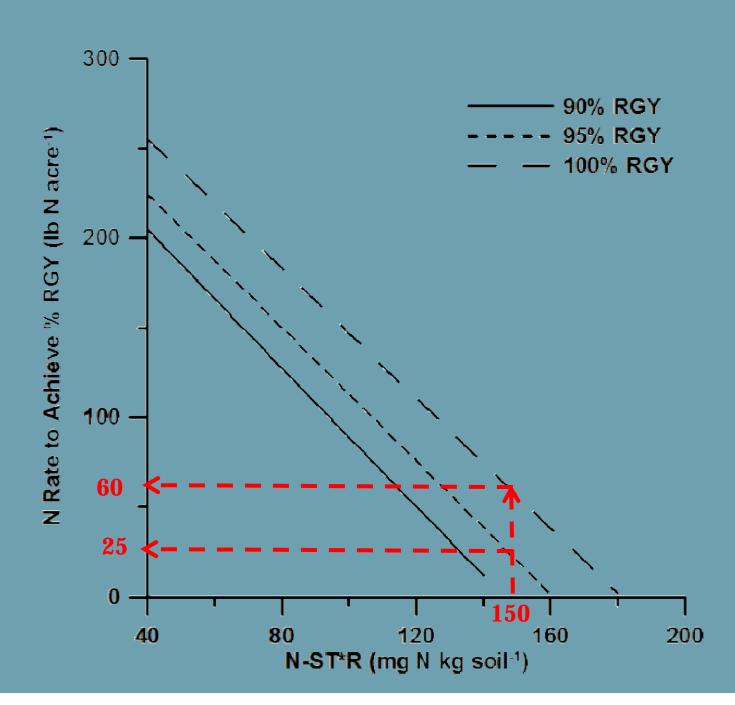
Location: Rayne

 Seeding: dry broadcast @ 80 lbs

- Soil: Patouville –
 Crowley SL complex
- History:
 - fallow (10),
 - rice-crawfish (09),
 - fallow (08)









N ST*R Recommendations

- 95% RGY = 25 lbs N
 - 119 lbs of AMS (21%) SPF
- 100% RGY = 60 lbs N
 - 33% blend @ 182 lbs SPF
- FP = 180 lbs N
 - 461 lbs of 39% blend @ PF











40.3 bbl

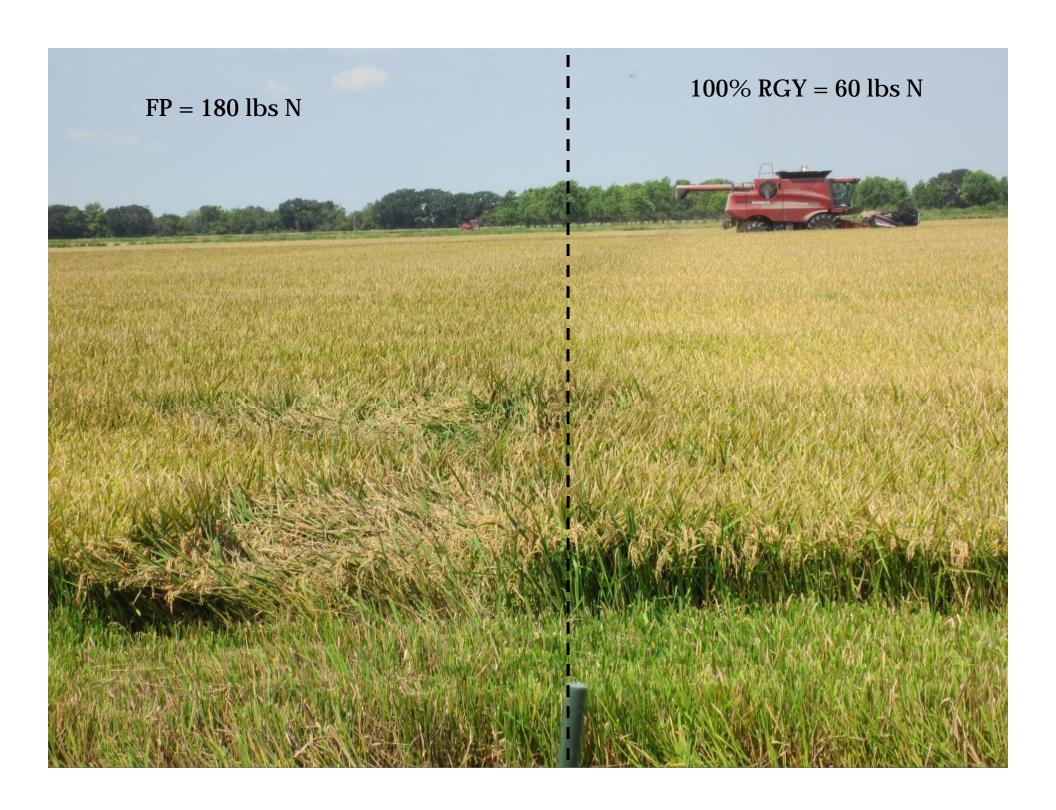


• 100% RGY = 60 lbs N = 42.9 bbl



• FP = 180 lbs N

40.8 bbl





Farmer: John & MatthewZaunbrecher

• Soil: Kaplan SL

• Gueydan, LA

• Variety: CL151

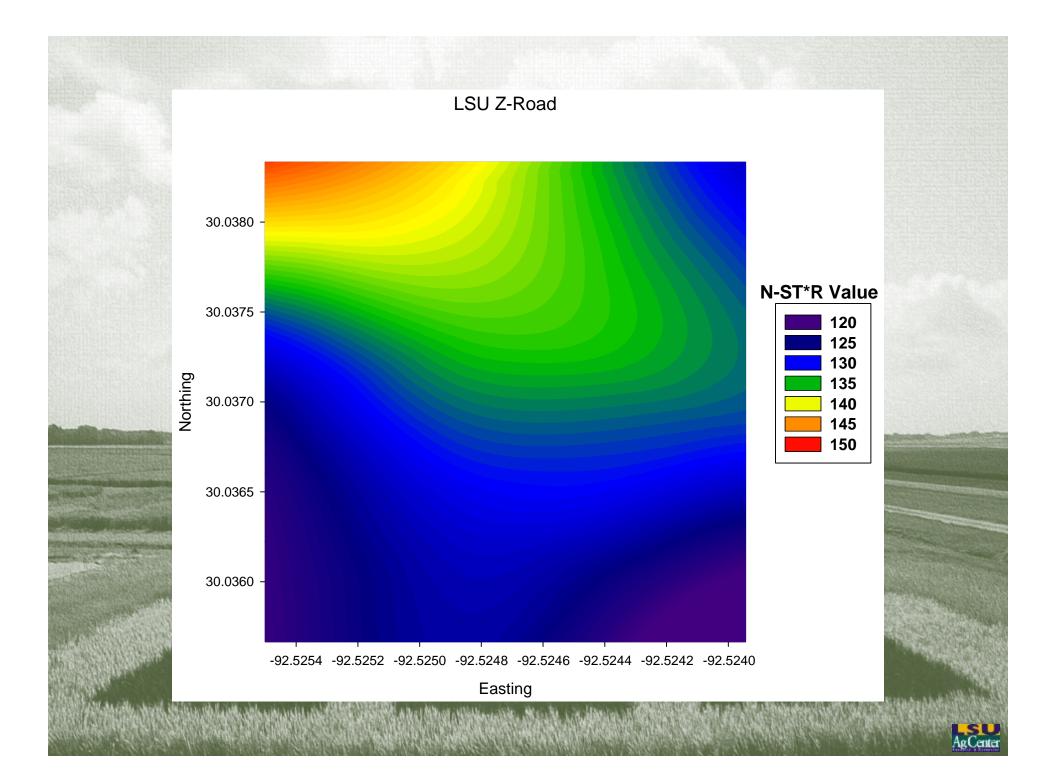
• Seeded: drill seeded march 20

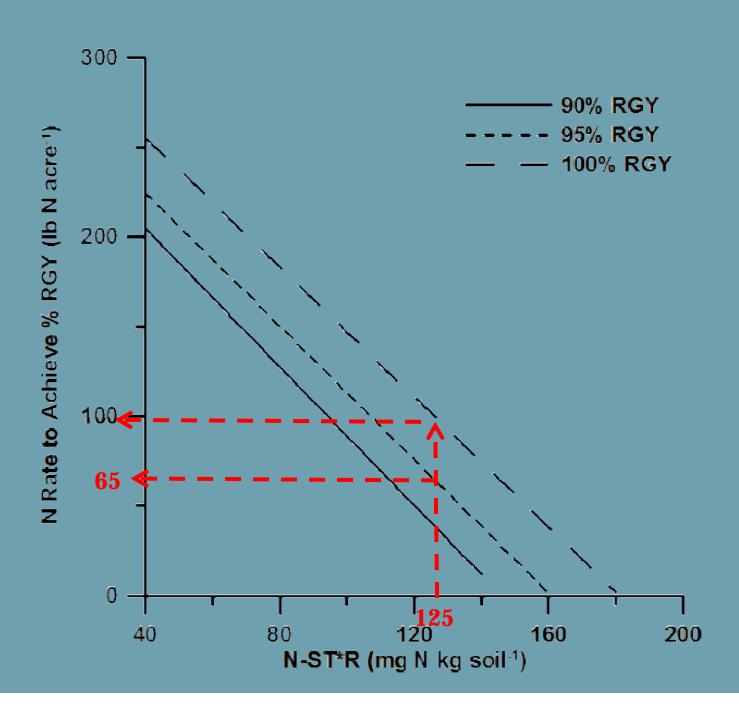
History:

- fallow 2 years b/c salt irrigation water (surface)
- rice











N ST*R Recommendations

- 95% RGY = 65 lbs N
 - 64.4 (140 lbs urea SPF)
- 100% RGY = 100 lbs N
 - 101.2 (220 lbs urea SPF)
- FP = 125 lbs N
 - (92 lbs urea PF + 72 lbs GR)









• 95% RGY = 64.4 lbs N

39 bbl



• 100% = 101.2 lbs N

39 bbl



• FP = 125 lbs N

39 bbl

Summary

- 100% RGY achieved yields comparable to FP using less total N
- 95% RGY achieved yields comparable to FP at 3 of 4 locations using less total N
 - Lone exception was where 0 N was used
- It is unknown if higher N rates at Hardee Farm would have resulted in higher/lower yields b/c FP rate near 100% RGY rate
- 2 additional years on farm NST*R validation trials (on new fields) are planned for Louisiana
 - 2012 locations needed



