Impacts of Changing Seeding Rates in Soybean

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Should Yield Environment Affect Seeding Rate

Yield

Harvest Pop

Seeding Rate (1000’s)

Bu/Ac

High Yield Environment
Economic Analysis for a High Yield Field

Seeding Rate (1000’s) of Yield

Seed Cost ($)

Profit

Max

$ of Yield

$
Should Yield Environment Affect Seeding Rate

Moderate Yield Environment

Bu/Ac

Yield

Harvest Pop

Seeding Rate (1000’s)

225 204 175 150 108 78
Economic Analysis for a Medium Yield Field

Seeding Rate (1000's) of Yield Seed Cost ($) Profit Seed Cost ($)

Max

$ of Yield

Seeding Rate (1000's)
Should Yield Environment Affect Seeding Rate

Seeding Rate (1000’s)

- 250
- 220
- 190
- 160
- 130
- 100

Bu/Ac

- 60
- 50
- 40
- 30
- 20
- 10
- 0

Harvest Pop

- 197
- 177
- 154
- 131
- 92
- 65

Yield
Economic Analysis for a Low Yield Field

Seeding Rate (1000’s)

$ of Yield

Profit

Max

Seed Cost ($)

245

250 220 190 160 130 100

250 220 190 160 130 100

$