



**SMART RICE. SMART CHOICE.**

# 2017 Seed Shortage

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- 2016 Weather
- No Replant Seed Held Back for 2017



# Planting Recommendations

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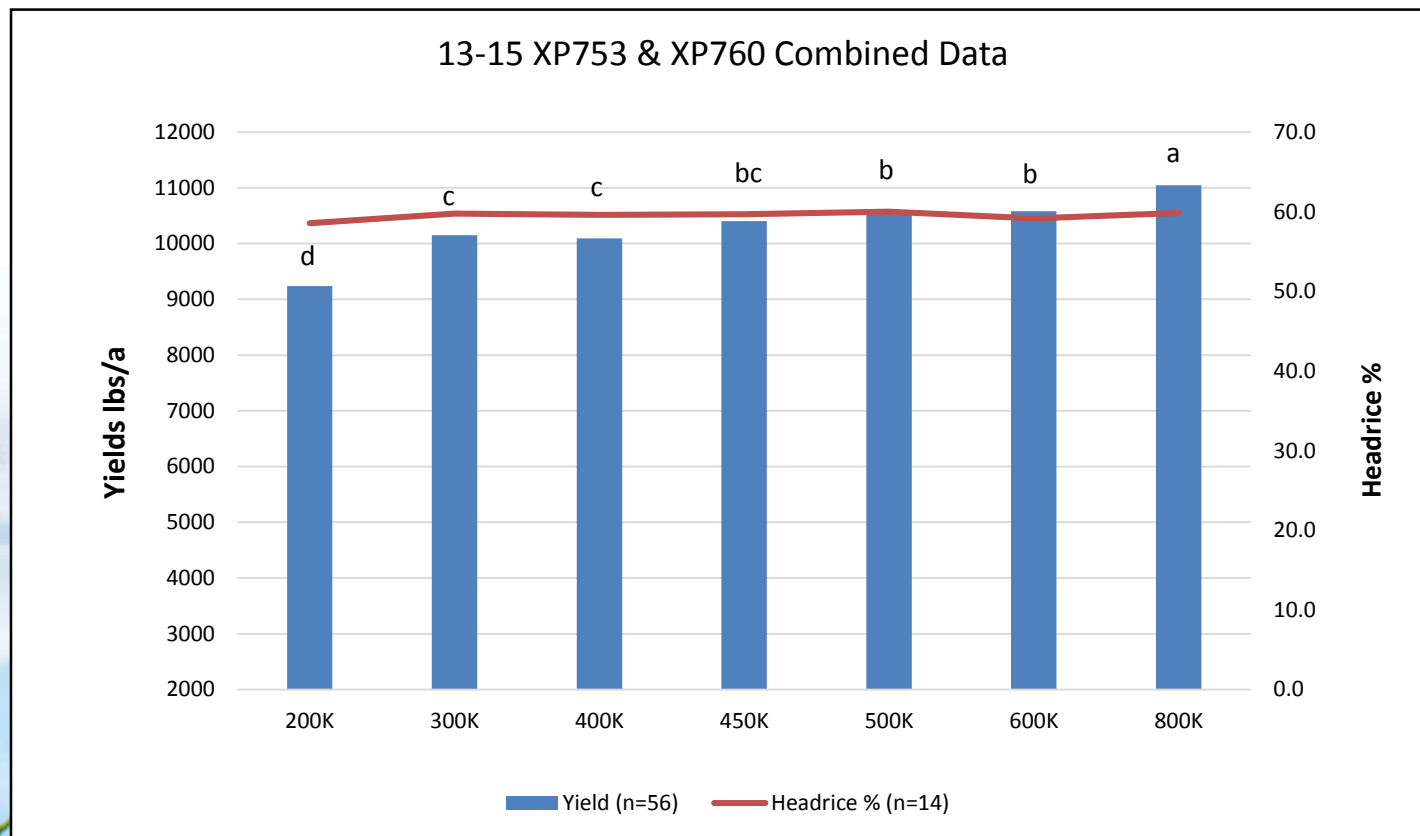
- Slow Down the Drill
- Seed Placement can be critical
- Firm Seed Bed > Garden Till
- Soil Temperature
- Seed Treatments- Insecticide and AV1011

# Hybrid Stand Count Considerations

Seeds per acre	Max plants per ft <sup>2</sup> @100% germination	Avg. plants per ft <sup>2</sup> under normal field conditions
200,000 (10lbs/a)	4.6	>2
300,000 (15lbs/a)	6.9	>4
400,000 (20lbs/a)	9.2	>6
450,000 (22.5lbs/a)	10.3	>7
500,000 (25lbs/a)	11.5	>8
600,000 (30lbs/a)	13.8	>10
800,000 (40lbs/a)	18.4	>12

- Slowing your planting speed down will improve planting depth uniformity and spacing.
- The lower the plant population the more important uniform stands become for yield.

# 2013-15 XP753 & XP760 Seeding Rate Data



# Considerations When Managing Thin Stands

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- Early Weed Control (Be aggressive early and use pre-emerge)
- Ammonium Sulfate at 1-2 lb has been proven to increase yields in thin stands.
- Field Grade and Water Depth.
- Fungicide?
- Nutrients Related to **TILLERING** become **VERY** important.

# Main Nutrients Affecting Tillering

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- Nitrogen (NBPT)
- Phosphorus (pH)
- Potassium (Root Health and N-P-K Balance)
- Sulfur
- Zinc (pH)

# Main Causes of Replants

## 2015

Seed Bed	0%	0
Crusting	0%	0
Heavy Soil	0%	0
Broadcast	1%	1
Seedling Disease	1%	1
Herbicide Injury	3%	3
Seed Dried Out	3%	3
Invertebrates	4%	4
Birds	4%	4
Wet Conditions	5%	5
Seed Depth	7%	7
Water Seeded	9%	9
Cold Weather	12%	12
Flooding	20%	20
Water Stood	42%	41

## 2016

Seed Bed	0%	0
Crusting	1%	2
Heavy Soil	0%	0
Broadcast	1%	2
Seedling Disease	4%	9
Herbicide Injury	7%	15
Seed Dried Out	8%	16
Invertebrates	0%	1
Birds	12%	25
Wet Conditions	23%	49
Seed Depth	4%	9
Water Seeded	4%	9
Cold Weather	1%	2
Flooding	24%	52
Water Stood	67%	142