Making Crop Yield, Price and Financial Decisions

Steve Johnson,
Farm & Ag Business Management Specialist,
Iowa State University Extension

Terry Hejny,
UNL Extension Educator

Field Stop Objectives
- Estimate Actual Soybean Yields
- Understand how USDA Forecasts Yields
- Review Soybean Price Outlook and Global Competition
- Utilize Carry, Basis, Cost of Storage and Cash Flow Decisions
- Identify 5 Strategies to Better Manage Soybean Revenue Risks

Estimating Yields in 15” Rows

Plot #1

\[
\text{plants/acre} \times \text{pods/plant} \times \text{seeds/pod} \times \text{seeds/lb.} \times \text{bu./bu.} = \text{bu./acre}
\]

Plot #2

\[
\text{plants/acre} \times \text{pods/plant} \times \text{seeds/pod} \times \text{seeds/lb.} \times \text{bu./bu.} = \text{bu./acre}
\]
Estimating Yields in 30” Rows

Plot #1
\[
\text{plants/acre} \times \text{pods/plant} \times \text{seeds/pod} \times \text{seeds/lb.} \times 60 = \text{bu. acre}
\]

Plot #2
\[
\text{plants/acre} \times \text{pods/plant} \times \text{seeds/pod} \times \text{seeds/lb.} \times 60 = \text{bu. acre}
\]

Forecasted Soybean Yields
Nebraska, 2001-2006

NASS August Forecast to Final Yield
Nebraska, Soybeans 1990-2006
Bushels per Acre

NASS October Forecast to Final Yield
Nebraska, Soybeans 1990-2006
Bushels per Acre

2007 SMFD – University of Nebraska –
Lincoln Extension
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Manage Soybean Revenue Risks

- Be Proactive with Yield Estimations, Harvesting and Marketing Decisions
- Understand Carry, Basis, Cost of Storage and Your Own Cash Flow
- Establish Price and Time Objectives for Selling Cash Soybeans
- Minimize the Impact of Higher Crop Input Costs
- Improve Your Efficiencies for Production and Finance

Storage Costs for Soybeans

(Source: Johnson, UNL Ext. Farm Mgt., 2007)