## **MEASURING LEVELS OF** LOYALTY FOR LARGE U.S. AGRICULTURAL PRODUCERS

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**PURDUE** 

# **MOTIVATION & GOALS**

Measuring customer loyalty
It's difficult

- Depth of loyalty
- Econometric methods

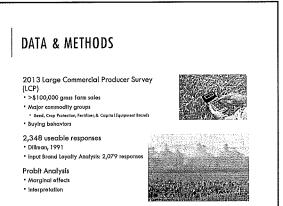
#### Objective

- Identify and measure levels of loyalty
- Input supply brands
   Analyze factors of the buying process





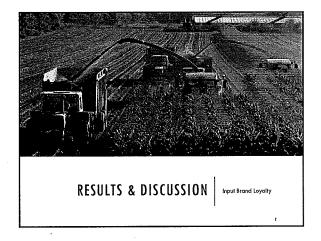
### SURVEY DESIGN Survey Methods Measuring Loyalty Previous LCP surveys Product Development The Loyalty Ladder Collaboration Das Narayandas, 2005 10% Savings Successively higher levels of loyalty 5% Savings Use One Brand Exclusively Endorsement Continued Business \*Figure adapted from Naryandas' Loyalty Ladder (2005).

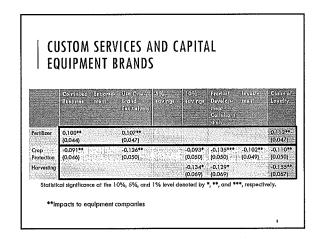


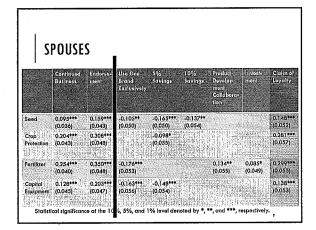
#### **EXPLANATORY VARIABLES** Variable Name Description Custom Hiring Activities Fertilizer Amount of custom fertilizer application services hired Crop Protection Amount of custom crop protection application services Amount of custom seeding application services hired Harvesting Amount of custom harvesting application services hired Demographic Variables Total Acres Acreage scaled to 100 acres Education Sales scaled to \$1,000 Sales Age of survey respondent

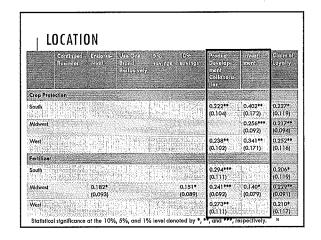
Variable Name	Description
Role of Respondent	Primary decision maker used as dummy base
Spouse	The spouse completed the survey
Other Family	A family member other than the spouse or primary decision maker completed the survey
Non-Family	A non-family member completed the survey
Location:	Northeast census region used as dummy base
South	Loyalty of Southern farmers to brands
Midwest	Loyalty of Midwestern farmers to brands
West	Loyalty of Western farmers to brands

**EXPLANATORY VARIABLES** 









CONCLUSIONS

Loyalty is trickyl

• Variable results

Custom Services

• Capital equipment brands

Spouses

• Loyal, then not

Location

• Crop protection & fertilizer brands

Future Research

• Incremental cost-benefit analysis

QUESTIONS?