AN ALTERNATIVE CROPS OVERVIEW

Summarizing Local and Regional Performance of Pulses and Oilseeds

Simon Fordyce, Research Associate
Central Ag Research Center
Moccasin, MT
• Orientation
• Performance
• Economics
• Orientation
• Performance
• Economics
• Orientation
• Performance
• Economics
AG. DISTRICTS

WESTERN

NORTH CENTRAL

CENTRAL

SOUTHWESTERN

SOUTHERN

NORTHEASTERN

SOUTHEASTERN

SOUTH CENTRAL
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Percent of Variability Explained by Linear Model

- **JUDITH BASIN**: $P = 0.021; n = 8$
- **FERGUS**: $P = 0.132; n = 9$
- **CASCADE**: $P = 0.271; n = 8$
- **CENTRAL**: $P = 0.017; n = 9$
- **STATE**: $P = 0.056; n = 10$
• Orientation
• Performance
• Economics
LENTIL
CANOLA
• Orientation
• Performance
• Economics
SUMMARY

Peas:

- Low CV% at CARC (consistent and consistently favorable return compared with state average)
- Acreage statewide has leveled off, expected to decrease in 2017
- Price received in steady decline since 2011 (MT)
- 2013-2015 gross return averaged $247 per acre at CARC, compared with $201 per acre for the state
SUMMARY

Lentils:
• Mid to low CV% at CARC (semi-consistent return)
• Planted acres on the rise, expected to increase 23% from 2016 (MT)
• Price received $28.50 per cwt in 2016 (MT)
• 2013-2015 gross return averaged $275 per acre at CARC, compared with $315 per acre for the state
SUMMARY

Chickpeas:

- High CV% at CARC (inconsistent return)
- Planted acres on the rise, expected to increase 62% from 2016 nationally
- Price received steady at $28.75 per cwt in 2015-2016 (US)
- 2013-2015 gross return averaged $351 per acre at CARC, compared with $434 per acre for the state
SUMMARY

Canola:

• High CV% at CARC (inconsistent return)
• Planted area expected to increase by more than 70% from 2016 (MT)
• Price received hovering at ~$15.00 per cwt 2014-2016 (MT)
• 2013-2015 gross return averaged $158 per acre at CARC, compared with $226 per acre for the state
SUMMARY

Safflower:

- Low CV% at CARC (consistent return)
- Price received in decline since 2012 (MT)
- 2013-2015 gross return averaged $205 per acre at CARC, compared with $258 per acre for the state
THANK YOU!

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SOURCES:
Montana Climate Office, University of Montana
https://climate.umt.edu/
United States Department of Agriculture, National Agricultural Statistics Service
https://quickstats.nass.usda.gov/
FlatIcon
https://www.flaticon.com/