

OOC Canola Demonstration Plots

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On Farm Demos

- ▶ 10 Counties
 - Blaine, Caddo, Comanche, Garfield, Grady, Jackson, Kiowa, Major, Noble, and Stephens
- ▶ Canola Variety/Hybrid Strips
 - All commercially available
 - All Roundup Ready®
- ▶ Fertility Treatments
 - Spring applied Sulfur
 - Spring applied Boron



Funded by OOC

- ▶ Oklahoma Oilseed Commission
 - Supported by the Check Off
- ▶ 1 of 4 projects funded in 2011–2012
- ▶ 1 of 5 projects funded for 2012–2013



Objectives

- ▶ Promote Winter Canola
 - Visual to growers in the area
- ▶ Cultivar Comparisons
 - Growers can compare the varieties throughout the growing season
 - Plots Harvested, Yields Reported
- ▶ Education
 - Spring Field Tours

Education

- ▶ 14 Field Tours Across Oklahoma
- ▶ Demo Plots and Performance Trials
- ▶ Topics Discussed
 - No-till, Fertility, Pest Management, Cultivar Characteristics, Harvest Options, and Marketing.
- ▶ Excellent Attendance!
 - About 275 growers



Yield Results (Bu/A)

Cultivar	North I-40	South I-40
DKW 41-10	27	28
DKW 44-10	31	29
DKW 46-15	32	29
DKW 47-15	38	31
HyCLASS 110	34	32
HyCLASS 115	39	33
HyCLASS 125	35	32
HyCLASS 154	34	32
LSD (P=.05)	11.4	6.2
CV	23.0	18.6

Yield Results (Bu/A)

Cultivar	No-Till	Conventional
DKW 41-10	25	36
DKW 44-10	26	40
DKW 46-15	28	36
DKW 47-15	31	37
HyCLASS 110	30	35
HyCLASS 115	32	39
HyCLASS 125	31	35
HyCLASS 154	29	37
LSD (P=.05)	7.0	6.1
CV	20.6	11.2

Variety Selection

- ▶ Yield Results Vary
 - From Farm to Farm and Year to Year
- ▶ Best Recommendation, Use more than 1
- ▶ Review Performance Trial Data



Sulfur & Boron Results

Treatment	TW (lb/bu)	Moist (%)	Oil (%)	Yield (bu/a)
HyCLASS 125	51.0	6.1	42.51	28.8
HyCLASS 125 + S	50.4	6.2	42.46	27.4
HyCLASS 125 + B	50.6	6.2	42.49	27.4
LSD (P=.05)	0.84	0.28	0.43	1.65
CV	1.76	4.84	1.08	6.28

Sulfur & Boron Summary

- ▶ Get a Soil Sample!
 - Most OK subsoil's have plenty
- ▶ If you don't need it, don't use it



Special Thanks

- ▶ Cooperating Producers
- ▶ Extension Personnel
- ▶ Oklahoma Oilseed Commission
- ▶ Dekalb
- ▶ Croplan



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