

UNITED SUPPLIERS CANADA
TOTALACRE

Total Acre™ Trial Data

February 8, 2016

TOTALACRE 45H29 swathing vs 45H29 straight cut



Location:
Trial Year: 2013

Trial Description:
 Comparing swathing at 60% color change and straight cutting. Plots are 1.8 acres in size

Crops: Canola
Cooperator: Eric Rustad
Site Manager: Joe Bohachewski

Trial ID: 301
Previous Crop: Barley
Project Category: Other

Yields and Ratings

	Treatment	Net Yield (Swathed) bu/ac	Net Yield (Straight Cut) bu/ac
1	45H29	69.66	67.59

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TOTALACRE Astound on 1990



Location: E23-40-17-W2

Trial Year: 2013

Trial Description:

Comparing Astound to the Untreated Check. Plot size is 1 acre

Crops: Canola

Cooperator: Hetland Seeds

Site Manager: Joe Bohachewski

Seeding Date: May 17, 2013

Fertility: 127-32-8-26

Trial ID: 287

Previous Crop: Wheat

Project Category: Fungicide

Yields and Ratings

	Treatment	Net Yield bu/ac
1	Astound	62.71
2	Untreated Check	64.93

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TOTALACRE Astound on 45H31**Location:** E23-40-17-W2**Trial Year:** 2013**Trial Description:**

Comparing Astound and an Untreated Check. Plot size is 1 acre

Crops: Canola**Cooperator:** Hetland Seeds**Site Manager:** Joe Bohachewski**Seeding Date:** May 17, 2013**Fertility:** 127-32-8-26**Trial ID:** 289**Previous Crop:** Wheat**Project Category:** Fungicide

Yields and Ratings

	Treatment	Net Yield bu/ac
1	Astound	62.15
2	Untreated Check	62.68

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TOTALACRE Astound on 45S54**Location:** E23-40-17-W2**Trial Year:** 2013**Trial Description:**

Comparing Astound and an Untreated Check. Plot size is 1 acre

Crops: Canola**Cooperator:** Hetland Seeds**Site Manager:** Joe Bohachewski**Seeding Date:** May 17, 2013**Fertility:** 127-32-8-26**Trial ID:** 285**Previous Crop:** Wheat**Project Category:** Fungicide

Yields and Ratings

	Treatment	Net Yield bu/ac
1	Astound	56.50
2	Untreated Check	59.13

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TOTALACRE Astound on 74-44**Location:** E23-40-17-W2**Trial Year:** 2013**Trial Description:**

Comparing Astound and an Untreated Check. Plot size is 1 acre

Crops: Canola**Cooperator:** Hetland Seeds**Site Manager:** Joe Bohachewski**Seeding Date:** May 17, 2013**Fertility:** 127-32-8-26**Trial ID:** 288**Previous Crop:** Wheat**Project Category:** Variety Trial - Canola

Yields and Ratings

	Variety	Net Yield bu/ac
1	Astound	62.52
2	Untreated Check	66.68

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TOTALACRE Astound on L130



Location: E15-40-17-W2

Trial Year: 2013

Trial Description:

Comparing Astound to the Untreated Check. Trial is 60ftx2000ft

Crops: Canola

Cooperator: Hetland Seeds

Site Manager: Joe Bohachewski

Seeding Date: May 17, 2013

Trial ID: 275

Previous Crop: Other

Project Category: Fungicide

Yields and Ratings

	Treatment	Net Yield bu/ac
1	Untreated Check	61.25
2	Astound	64.84

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TOTALACRE Astound on L154



Location: E15-40-17-W2

Trial Year: 2013

Trial Description:

Comparing Astound and an Untreated Check. Trial is 60ftx2000ft

Crops: Canola

Cooperator: Hetland Seeds

Site Manager: Joe Bohachewski

Seeding Date: May 16, 2013

Fertility: 127-32-8-26

Trial ID: 280

Previous Crop: Other

Project Category: Fungicide

Yields and Ratings

	Treatment	Net Yield bu/ac
1	Astound	64.62
2	Untreated Check	62.30

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TOTALACRE Astound on L160S



Location: E15-40-17-W2

Trial Year: 2013

Trial Description:

Comparing Astound and the Untreated Check. Trial is 60ftx2000ft

Crops: Canola

Cooperator: Hetland Seeds

Site Manager: Joe Bohachewski

Seeding Date: May 16, 2013

Fertility: 127-32-8-26

Trial ID: 281

Previous Crop: Other

Project Category: Fungicide

Yields and Ratings

	Treatment	Net Yield bu/ac
1	Astound	64.20
2	Untreated Check	61.63

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TOTALACRE Astound on L261**Location:** E15-40-17-W2**Trial Year:** 2013**Trial Description:**

Comparing Astound to the Untreated Check. Trial is 60ftx2000ft

Crops: Canola**Cooperator:** Hetland Seeds**Site Manager:** Joe Bohachewski**Seeding Date:** May 17, 2013**Fertility:** 127-32-8-26**Trial ID:** 273**Previous Crop:** Other**Project Category:** Fungicide

Yields and Ratings

	Treatment	Net Yield bu/ac
1	Untreated Check	67.26
2	Astound	63.91

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TOTALACRE Canola fungicide trial



Location:
Trial Year: 2013

Trial Description:
Comparing Headline + Lance versus Priaxor + Lance versus Priaxor + Lance + additional Phos versus Untreated Check

Crops: Canola
Cooperator: Chris Beaudry
Site Manager: Joe Bohachewski

Trial ID: 377
Previous Crop: Barley
Project Category: Fungicide

Yields and Ratings

	Treatment	Net Yield bu/ac
1	Lance WDG -- and -- Headline EC	53.53
2	Priaxor DS -- and -- Lance WDG	60.10
3	Priaxor DS -- and -- Lance WDG -- and -- 11-52-0	59.75
4	Untreated Check	57.31

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TOTALACRE Energize Canola on 45H29



Location:
Trial Year: 2013

Trial Description:
Comparing Energize and an Untreated Check

Crops: Canola
Cooperator: Chris Wittig
Site Manager: Joe Bohachewski

Trial ID: 383
Previous Crop: Wheat
Project Category: Foliar Applied Nutrition

Yields and Ratings

	Treatment	Net Yield (Straight Cut) bu/ac
1	Energize Canola	52.62
2	Untreated Check	53.28

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TOTALACRE Energize Canola on 45H29 vs Untreated Check



Location:
Trial Year: 2013

Trial Description:
Comparing Energize Canola vs Untreated Check. Plot sizes are 4.2 acres

Crops: Canola
Cooperator: Vern Wittig
Site Manager: Joe Bohachewski

Trial ID: 308
Previous Crop: Wheat
Project Category: Foliar Applied Nutrition

Yields and Ratings

	Treatment	Net Yield bu/ac
1	Energize Canola	49.76
2	Untreated Check	50.83

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TOTALACRE Energize Canola on 5440 vs Untreated Check



Location:
Trial Year: 2013

Trial Description:
Comparing Energize Canola vs Untreated Check. Plot size is 2.8 acres

Crops: Canola
Cooperator: Shawn Holter
Site Manager: Joe Bohachewski

Trial ID: 306
Previous Crop: Wheat
Project Category: Fungicide

Yields and Ratings

	Treatment	Net Yield bu/ac
1	Energize Canola	49.54
2	Untreated Check	49.05

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TOTALACRE Headline on Canola



Location:
Trial Year: 2013

Trial Description:
 Comparing Headline and an Untreated Check

Crops: Canola

Trial ID: 382
Previous Crop: Wheat
Project Category: Fungicide

Site Manager: Joe Bohachewski

Yields and Ratings

Variety

Net Yield
 bu/ac

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TOTALACRE Headline on L150 vs Untreated Check



Location:
Trial Year: 2013

Trial Description:
 Comparing Headline on Canola vs and Untreated Check. Plot size is 1.4 acres

Crops: Canola
Cooperator: Tyrall Finlayson
Site Manager: Joe Bohachewski

Trial ID: 305
Previous Crop: Barley
Project Category: Fungicide

Yields and Ratings

	Treatment	Net Yield bu/ac
1	Headline EC	50.72
2	Untreated Check	52.89

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TOTALACRE InVigor Strip Trial



Location: E15-40-17-W2

Trial Year: 2013

Trial Description:

InVigor Variety Trial. All trials are 60ftx2000ft

Trial Comments:

Trial had ideal growing conditions

Crops: Canola

Cooperator: Hetland Seeds

Site Manager: Joe Bohachewski

Seeding Date: May 17, 2013

Fertility: 127-32-8-26

Trial ID: 274

Previous Crop: Other

Project Category: Variety Trial - Canola

Yields and Ratings

	Variety	Harvest Date	Swath Rating 1 (easy) to 10 (difficult)	Harvest Rating 1 (easy) to 10 (difficult)	Net Yield bu/ac
1	InVigor L261 5lbs/acre	Sept 13	2	3	65.6
2	InVigor L154 5lbs/acre	Sept 6	2	4	63.3
3	InVigor L130 5lbs/acre	Sept 6	2	4	63
4	InVigor L160S 5lbs/acre	Sept 13	2	3	62.9
5	InVigor 5440 5lbs/acre	Sept 6	2	4	62.9
6	InVigor L120 5lbs/acre	Sept 6	1	3	61.7

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TOTALACRE JumpStart on L154 vs Untreated Check



Location:
Trial Year: 2013

Trial Description:
Comparing JumpStart vs an Untreated Check. Plot sizes are 1.2 acres

Crops: Canola
Cooperator: Ron Hetland
Site Manager: Joe Bohachewski

Trial ID: 307
Previous Crop: Wheat
Project Category: Seed Applied Nutrition

Yields and Ratings

	Treatment	Net Yield bu/ac
1	JumpStart	45.60
2	Untreated Check	43.65

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TOTALACRE JumpStart on Oats


Location:
Trial Year: 2013

Trial Description:

Comparing JumpStart on Oats versus an Untreated Check. Plot size was 1.5 acres

Trial Comments:

There was a visible difference in above ground biomass early in the season that disappeared throughout the season. Root size in JumpStart oats was larger throughout the season.

Crops: Oats

Cooperator: V & V Livestock

Site Manager: Joe Bohachewski

Trial ID: 371

Previous Crop: Canola

Project Category: Inoculant

Yields and Ratings

	Treatment	Net Yield bu/ac
1	Untreated Check	147.332
2	JumpStart	154.276

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TOTALACRE L130 vs 5440 vs 5440+JumpStart**Location:****Trial Year:** 2013**Trial Description:**

Comparing L130 against 5440 and 5440 with Jumpstart. This trial was replicated twice but only took 1 total weight. Plots were 3.5 acres in size

Crops: Canola**Cooperator:** Lance Stockbrugger**Site Manager:** Joe Bohachewski**Trial ID:** 300**Previous Crop:** Wheat**Project Category:** Inoculant

Yields and Ratings

	Treatment	Net Yield bu/ac
1	InVigor L130	42.42
2	InVigor 5440	42.81
3	InVigor 5440 -- and -- JumpStart	47.98

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TOTALACRE Lumiderm on 45S52**Location:****Trial Year:** 2013**Trial Description:**

Comparing canola seed treated with Lumiderm versus an Untreated Check. Plot size was 1.3 acres

Trial Comments:

There was no visible difference between the two.

Crops: Canola**Cooperator:** Hetland Seeds**Site Manager:** Joe Bohachewski**Seeding Date:** May 18, 2013**Trial ID:** 372**Previous Crop:** Wheat**Project Category:** Other

Yields and Ratings

	Treatment	Net Yield bu/ac
1	Untreated Check 5L/acre	60.87
2	Lumiderm 5L/acre	62.57

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TOTALACRE Proline on 45H31 vs untreated check



Location:
Trial Year: 2013

Trial Description:
Comparing Proline vs Untreated Check on 45H31. Plot sizes are 3 acres

Crops: Canola
Cooperator: Robin Rustad
Site Manager: Joe Bohachewski

Trial ID: 303
Previous Crop: Barley
Project Category: Fungicide

Yields and Ratings

	Treatment	Net Yield bu/ac
1	Proline 480 SC	60.88
2	Untreated Check	59.22

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TOTALACRE Proline on L130 vs Untreated Check



Location:
Trial Year: 2013

Trial Description:
Comparing Proline vs an Untreated Check. Plot size is 3.4 acres

Crops: Canola
Cooperator: Mike Quessey
Site Manager: Joe Bohachewski

Trial ID: 304
Previous Crop: Wheat
Project Category: Fungicide

Yields and Ratings

	Treatment	Net Yield bu/ac
1	Proline 480 SC	52.58
2	Untreated Check	53.40

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TOTALACRE Roundup Ready Variety Trial**Location:** E23-40-17-W2**Trial Year:** 2013**Trial Description:**

Comparing different Roundup Ready Varieties. Plots are 1.058acres

Crops: Canola**Cooperator:** Hetland Seeds**Site Manager:** Joe Bohachewski**Seeding Date:** May 17, 2013**Fertility:** 127-32-8-26**Trial ID:** 282**Previous Crop:** Wheat**Project Category:** Variety Trial - Canola

Yields and Ratings

	Variety	Harvest Date Date	Swath Rating 1 (easy) to 10 (difficult)	Harvest Rating 1 (easy) to 10 (difficult)	Net Yield bu/ac
1	74-44 BL 5lbs/acre	Sept 17	1	2	66.44
2	CANTERRA 1990 5lbs/acre	Sept 17	1	1	65.39
3	45H31 5lbs/acre -- and -- JumpStart	Sept 17	2	2	65.35
4	45H31 5lbs/acre	Sept 17	2	2	64.67
5	6060 RR 5lbs/acre	Sept 17	2	2	63.77
6	45H29 5lbs/acre	Sept 17	2	3	63.65
7	Syngenta Canada Experimental 5lbs/acre	Sept 17	2	4	63.23
8	45S52 5lbs/acre	Sept 17	2	2	62.99
9	74-54 RR 5lbs/acre	Sept 17	2	2	62.44
10	Nexera 1012 RR 5lbs/acre	Sept 17	2	3	62.15
11	D3153 5lbs/acre	Sept 17	1	2	61.89
12	73-75 RR 5lbs/acre	Sept 17	2	2	61.06
13	VT 500 G 5lbs/acre	Sept 17	1	1	59.46
14	45S54 5lbs/acre	Sept 17	3	1	58.72

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TOTALACRE Seed Treatment Trial**Location:** W15-40-17-W2**Trial Year:** 2013**Trial Description:**

Comparing different seed treatments. All plots are 7 acres in size

Crops: Wheat**Cooperator:** Hetland Seeds**Site Manager:** Joe Bohachewski**Seeding Date:** May 18, 2013**Fertility:** 91-27-7-6**Trial ID:** 284**Previous Crop:** Canola**Project Category:** Seed Treatments

Yields and Ratings

	Treatment	Bushel Weight lbs	Protein Value %	Grain Quality Grade	Fusarium %	Net Yield bu/ac
1	Raxil WW	65.9	14.8	1	0	90.9
2	Raxil MD	66	14.3	1	0	90.2
3	Insure	66.5	14.4	1	0	89.7
4	Raxil Pro	66	14.6	1	0	88.9
5	Cruiser Maxx Vibrance Cereals	65.9	14.8	1	0.05	88.9

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TOTALACRE Seeding Speed Trial on Canola



Location: E23-40-17-W2

Trial Year: 2013

Trial Description:

Comparing 4mph to 6mph

Crops: Canola

Cooperator: Hetland Seeds

Site Manager: Joe Bohachewski

Seeding Date: May 17, 2013

Fertility: 127-32-8-26

Trial ID: 290

Previous Crop: Wheat

Project Category: Other

Yields and Ratings

	Treatment	Net Yield bu/ac
1	4 MPH	63.89
2	6 MPH	63.61

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TOTALACRE Soybean Variety / Feasibility Trial


Location:
Trial Year: 2013

Trial Description:

Comparing soybean variety feasibility in Naicam, Sask. Plot were .5 acres in size

Trial Comments:

When harvested the DeKalb varieties yielded nothing. We could not wait any longer so we had to take them off. The other varieties all had a yield but they were at 20% moisture. All varieties were double inoculated and were seeded into black dirt that was over 10 degrees

Crops: Soybeans

Cooperator: Hetland Seeds

Site Manager: Joe Bohachewski

Seeding Date: May 29, 2013

Trial ID: 373

Previous Crop:
Project Category: Variety Trial - Soybeans

Yields and Ratings

	Variety	Net Yield bu/ac
1	NSC Reston RR2Y	11.77
2	Vito R2	19.68
3	Moosomin	37.60
4	900Y61	33.42
5	23-10RY	0
6	24-61RY	0
7	23-60RY	0

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TOTALACRE Straight Cut 1990



Location:
Trial Year: 2013

Trial Description:
 Comparing Swathing and Straight cutting on 1990

Trial Comments:
 DO NOT STRAIGHT CUT 1990. HUGE YIELD LOSSES!

Crops: Canola
Cooperator: Regan Crone
Site Manager: Joe Bohachewski

Trial ID: 378
Previous Crop: Wheat
Project Category: Other

Yields and Ratings

	Treatment	Net Yield (Straight Cut) bu/ac	Net Yield (Swathed) bu/ac
1	CANTERRA 1990	35.85	52.89

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TOTALACRE Sulfur on Pig Manure vs Untreated



Location:
Trial Year: 2013

Trial Description:
Comparing Sulfur on Pig Manure vs. no Sulfur on Pig Manure. Soil Test showed that no sulfur was needed. Plot sizes are 3.5 acres

Crops: Canola
Cooperator: V&V Livestock
Site Manager: Joe Bohachewski

Trial ID: 302
Previous Crop: Wheat
Project Category: Soil Applied Nutrition

Yields and Ratings

	Treatment	Net Yield bu/ac
1	Untreated Check	61.06
2	Tiger 90CR	60.58

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