

NPARA**NP17-10 Canola Vt**

Trial ID:NP17-10 Canola Vt Location:NPARA Trial Year:2017
 Protocol ID:NP17-10 Canola Vt Investigator:Tom Fromme
 Crop:Canola Study Director:
 Project ID:NP17-10 Canola Vt Sponsor Contact:

General Trial Information

Investigator:Tom Fromme **Title:**Research Coordinator

Trial Location

City:North Star **Country:**CAN Canada
State/Prov.:Alberta
Postal Code:T0H 2T0 **Climate Zone:**USMOU US Mountain

Conducted Under GLP:No
Conducted Under GEP:No

Investigator:Tom Fromme **Title:**Research Coordinator
Organization:North Peace Applied Research Association
Address:Box 750 **Phone No.:**(780) 836-3354
City+State/Prov:Manning
Postal Code:T0H 2M0 **E-mail:**tom@npara.ca
Country:CAN Canada

Crop Description

Crop 1:BRSRC Brassica rapa cv. 'Canola' Canola
BBCH Scale:BPER

Description:Mulit-variety

Depth, Unit:0.38 IN
Row Spacing, Unit:9 IN

Soil Temperature, Unit:11 C

Planting Date:5/24/2017
Planting Method:DRILLE drilled
Planting Equipment:DD Disc Drill

Harvest Date:9/27/2017
Harvested Width, Unit:1.4 m
Harvested Length, Unit:6.9 m
Harvest Equipment:plot harvester
% Standard Moisture:10

Site and Design

Treated Plot Width:1.4 m
Treated Plot Length:8 m
Treated Plot Area:11.2 m² **Treatments:**16 **Tillage Type:**NOTILL no-till
Replications:4 **Study Design:**RACOBL Randomized Complete Block (RCB)

Maintenance

No.	Date	Type	Maintenance Product Name	Rate	Rate Unit
1.	6/22/2017	INSE	Decis	80	mL/A
2.	7/8/2017	MAINT	Muster+0.2%Agral90	12	g/A

Field Prep./Maintenance:

July 8
 300mL/A caragan around perimeter
 1.5gal/A G22+HKW

August 21, 2017: 150mL/A Coragen around perimeter

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Rating Date	10/3/2017	10/3/2017	10/3/2017
Rating Data Type	MOICON	WEIGHT	YIELD
Rating Unit	%	g	BU
Sample Size		1	1
Sample Size Unit		PLOT	A
Number of Subsamples	1	1	1
Number of Decimals			1
Entry No.	2	3	4
1CS 2000	9.7bc	2140.9bcd	39.6bcd
2CS2200	9.9bc	2373.9a-d	43.7a-d
3Bayer L140	9.5bc	2503.8abc	46.5abc
4Bayer L252	8.6c	2769.0a	52.0a
5Bayer L140	9.5bc	2605.3ab	48.4ab
6Bayer L233	9.9bc	2629.4ab	48.6ab
7Bayer L230	9.2c	2226.1a-d	41.5a-d
8L130	9.6bc	2543.0abc	47.2abc
9L156H	11.6a	2041.9bcd	36.9cd
101990	11.2ab	2285.3a-d	41.6a-d
111918	9.3c	2172.3a-d	40.4bcd
125020	9.9bc	1943.0cd	35.8cd
1374-44 RR	9.3c	2335.3a-d	43.5a-d
1445H29 RR	9.6bc	1839.8d	34.1d
15Exp1-17	9.1c	2444.5abc	45.6abc
16Exp3-17	8.3c	2159.3a-d	40.6bcd
LSD P=.05	0.94 - 1.15	357.35	6.67
Standard Deviation	0.03t	250.92	4.68
CV	2.86t	10.85	10.92
Bartlett's X2	21.175	9.488	9.745
P(Bartlett's X2)	0.131	0.851	0.835
Skewness	1.0159*	-0.0159	0.0349
Kurtosis	1.153	-0.5035	-0.4451
Replicate F	18.825	19.513	16.863
Replicate Prob(F)	0.0001	0.0001	0.0001
Treatment F	5.037	4.320	4.537
Treatment Prob(F)	0.0001	0.0001	0.0001

Rating Data Type
 MOICON = moisture content
 WEIGHT = weight
 YIELD = yield

Rating Unit
 % = percent
 g = gram
 BU = bushel

Sample Size Unit
 PLOT = total plot
 A = acre

ARM Action Codes

TY1 = 0.01847178*[3]*(100-[2])/90

Means followed by same letter or symbol do not significantly differ (P=.05, Student-Newman-Keuls)

t=Mean descriptions are reported in transformed data units, and are not de-transformed.

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

2017 Canola Variety Trial Yield

