

NPARA

NP17-25 Soybean Vt

Trial ID:NP17-25 Soybean Vt 2 Location:NPARA Trial Year:2017
 Protocol ID:NP17-25 Soybean Vt Investigator:Tom Fromme
 Crop:Soybean Study Director:
 Project ID:NP17-25 Soybean 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:GLXMA Glycine max Soybean
BBCH Scale:BSOY
Planting Date:5/27/2017
Planting Method:DRILLE drilled
Planting Equipment:DD Disc Drill
Depth, Unit:1.5 IN
Row Spacing, Unit:9 in
Harvest Date:10/24/2017
Harvested Width, Unit:1.4 m
Harvested Length, Unit:7.5 m
Harvest Equipment:plot harvester
% Standard Moisture:14

Site and Design

Treated Plot Width:1.4 m
Treated Plot Length:8 m
Treated Plot Area:11.2 m2 **Treatments:**18 **Tillage Type:**NOTILL no-till
Replications:4 **Study Design:**RACOB L Randomized Complete Block (RCB)

Maintenance

No.	Date	Type	Maintenance Product Name	Rate	Rate Unit
1.	6/13/2017	HERB	Basagran Forte	910	mL/A
2.	7/17/2017	FUNG	Folicur	202	mL/A
3.	6/27/2017	MAINT	Viper+ 81mL/A UAN	404	mL/A
4.	8/15/2017	MAINT	Basagran	910	mL/A
5.	8/15/2017	MAINT	Solo	11.2	g/A
6.	8/21/2017	MAINT	Coragen	150	mL/A

Field Prep./Maintenance:

May 26, 2017 Fertilizer Application

74.32 lbs/ac 11-52-0

150 lbs/ac Urea

July 8th

Caragan sprayed around perimeter 300 mL/A

1.5 gal/A G22&HKW

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Rating Date	10/25/2017	10/25/2017	10/25/2017
Rating Data Type	WEIGHT	MOISTURE	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.	1	2	3
Entry Name			
1NSC Moosomin RR24	1401.3bc	14.0bcd	20.1bc
2NSC Vito R2	1174.8cd	14.0bcd	16.9cd
3NSC Reston RR2Y	989.0d	14.0bcd	14.2d
4NSC Tilston RR2Y	1190.0cd	14.1bcd	17.1cd
5900Y61	498.0f	15.4a	7.0fg
6OAC Prudence	633.3ef	14.6bc	9.0ef
7EXP000917 R2	1836.3a	14.4bc	26.2a
8Mahony R2	1220.0cd	13.9bcd	17.5cd
9Barron R2x	1480.5bc	14.2bcd	21.2bc
10McLeod	851.3de	14.6bc	12.1de
11AAC Edward	1677.0ab	13.4d	24.2ab
12Bishop R2	1433.0bc	13.9bcd	20.6bc
13TH 33003 R2y	1422.0bc	13.7cd	20.5bc
14TH 87000 R2x	1475.0	14.8b	21.0
15TH 87003 R2x	1193.8cd	14.5bc	17.0cd
16OAC Morden	231.5g	15.3a	3.3g
17Dario R2	1426.5bc	14.2bcd	20.4bc
18Torro R2	1440.3bc	14.1bcd	20.6bc
LSD P=.05	261.64	0.53	3.76
Standard Deviation	184.03	0.38	2.64
CV	15.57	2.64	15.6
Bartlett's X2	11.976	20.296	12.134
P(Bartlett's X2)	0.746	0.259	0.735
Skewness	-0.5348	0.3992	-0.54
Kurtosis	-0.1632	-0.0271	-0.1909
Replicate F	3.338	1.491	3.386
Replicate Prob(F)	0.0269	0.2280	0.0255
Treatment F	21.246	7.651	21.375
Treatment Prob(F)	0.0001	0.0001	0.0001

Rating Data Type

WEIGHT = weight

YIELD = yield

Rating Unit

g = gram

% = percent

BU = bushel

Sample Size Unit

PLOT = total plot

A = acre

ARM Action Codes

TY1 = 0.01435307*[C1]*(100-@MVAVGREP([C2]))/86

Means followed by same letter or symbol do not significantly differ (P=.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

2017 Soybean Variety Trial Yield

