

NPARA**NP17-05 Green Pea RVT**

Trial ID:NP17-05 Green Pea RVT Location:NPARA Trial Year:2017
 Protocol ID:NP17-05 Green Pea RVT Investigator:Tom Fromme
 Crop:Peas Study Director:
 Project ID:NP17-05 Green Pea RVT 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:PIBSS Pisum sp. Pea
Variety:Green Pea **BBCH Scale:**BVPU
Description:Multivariety RVT
Planting Date:5/10/2017
Planting Method:DRILLE drilled
Planting Equipment:DD Disc Drill
Depth, Unit:4.76 cm
Row Spacing, Unit:9 IN
Harvest Date:8/23/2017
Harvested Width, Unit:1.4 m
Harvested Length, Unit:8 m
Harvest Equipment:plot harvester
% Standard Moisture:16
Planting Density, Unit:88 #plants/m2

Site and Design

Treated Plot Width:1.4 m
Treated Plot Length:8 m
Treated Plot Area:11.2 m2 **Treatments:**6 **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.	6/13/2017	HERB	Basagran Forte	910	mL/A
2.	6/14/2017	MAINT	Sencor	110	g/A
3.	8/15/2017	MAINT	Reglone	0.8	L/A

Field Prep./Maintenance:

May 29, 2017 Fertilizer Application
 80 lbs/ac 11-52-0

June 12, 2017: 60mL/ac of Decis sprayed on perimeter

June 13, 2017: received hard rain within 1 hour of spraying

July 8, 2017 300mL/A Caragan sprayed on perimeter
 1.5gal/A G22 &HKW

NPARA**NP17-05 Green Pea RVT**

Trial ID:NP17-05 Green Pea RVT Location:NPARA Trial Year:2017
 Protocol ID:NP17-05 Green Pea RVT Investigator:Tom Fromme
 Crop:Peas Study Director:
 Project ID:NP17-05 Green Pea RVT Sponsor Contact:

Crop Code	PIBSA	PIBSA	PIBSA	PIBSA
BBCH Scale	BVPU	BVPU	BVPU	BVPU
Crop Scientific Name	Pisum sativum >	Pisum sativum >	Pisum sativum >	Pisum sativum >
Crop Name	Field pea	Field pea	Field pea	Field pea
Rating Date	8/22/2017			
Rating Data Type	Harvest Los	MOISTURE	WEIGHT	YIELD
Rating Unit	1/4 m2	%	g	BU
Sample Size			1	1
Sample Size Unit			PLOT	A
Number of Subsamples	1	1	1	1
Number of Decimals				
Entry No.	1	2	3	4
Entry Name				
1CDC Limerick	7.5b	14.6	2836.6a	38.3a
2AAC Comfort	11.0ab	17.3a	3027.8a	39.5a
3AAC Royce	14.3a	15.6a	2456.9a	32.9a
4CDC Forest	9.0b	16.0a	3529.5a	46.9a
5CDC Spruce	7.5b	16.2a	2255.4a	30.0a
6LRP 1424	6.8b	14.6a	3215.1a	43.4a
LSD P=.05	4.15	2.13	1131.02	15.65
Standard Deviation	2.75	1.38	750.43	10.39
CV	29.47	8.66	25.99	26.99
Bartlett's X2	1.268	5.84	1.724	2.168
P(Bartlett's X2)	0.938	0.211	0.886	0.825
Skewness	0.4964	0.5934	0.1753	0.211
Kurtosis	-0.5166	-1.5599	-0.7266	-0.6568
Replicate F	5.903	1.153	4.795	4.299
Replicate Prob(F)	0.0072	0.3679	0.0155	0.0224
Treatment F	4.278	2.018	1.601	1.487
Treatment Prob(F)	0.0128	0.1559	0.2199	0.2521

Crop Code
 PIBSA, BVPU, Pisum sativum arvense, Field pea = US

Rating Data Type
 WEIGHT = weight
 YIELD = yield

Rating Unit
 % = percent
 g = gram
 BU = bushel

Sample Size Unit
 PLOT = total plot
 A = acre

ARM Action Codes
 TY1 = 0.0132766*[C3]*(100-[C2])/84

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 Green Pea Variety Trial Yield

