

NPARA**NP17-04 Yellow Pea RVT**

Trial ID:NP17-04 Yellow Pea RVT Location:NPARA Trial Year:2017
 Protocol ID:NP17-04 Yellow Pea RVT Investigator:Tom Fromme
 Crop:Peas Study Director:
 Project ID:NP17-04 Yellow 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:Yellow 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
Planting Density, Unit:88 #plants/m2
Harvest Date:8/22/2017
Harvested Width, Unit:1.4 m
Harvested Length, Unit:8 m
Harvest Equipment:plot harvester
% Standard Moisture:16

Site and Design

Treated Plot Width:1.4 m
Treated Plot Length:8 m
Treated Plot Area:11.2 m2 **Treatments:**10 **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.	6/14/2017	MAINT	Seacor	110	g/A
3.	8/16/2017	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 perimete

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

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Crop Code	PIBSA	PIBSA	PIBSA
BBCH Scale	BVPU	BVPU	BVPU
Crop Scientific Name	Pisum sativum >	Pisum sativum >	Pisum sativum >
Crop Name	Field pea	Field pea	Field pea
Rating Date		8/23/2017	8/23/2017
Rating Data Type	MOISTURE	WEIGHT	YIELD
Rating Unit	%	g	BU
Sample Size		1	1
Sample Size Unit		PLOT	A
Number of Subsamples	1	1	1
Number of Decimals			
Entry No.	1	2	4
Entry Name			
1CDC Amarillo	14.8b	2862.1a	38.6a
2AAC Barrhead	15.2b	2588.5a	34.7a
3AAC Carver	14.8b	2731.0a	36.7a
4AAC Lacombe	15.6ab	3152.0a	42.1a
5CDC Athabasca	16.3a	2807.8a	37.2a
6CDC Canary	15.1b	2788.3a	37.5a
7CDC Meadow	14.9b	2641.0a	35.5a
8CDC Spectrum	15.1b	3969.0a	53.2a
9LGPN 4903	14.3b	2823.3a	38.3a
10P0520-116	14.9b	3487.4a	46.9a
LSD P=.05	0.81	998.94	13.59
Standard Deviation	0.56	688.52	9.37
CV	3.68	23.07	23.37
Bartlett's X2	8.0	3.081	3.144
P(Bartlett's X2)	0.534	0.961	0.958
Skewness	0.6615	0.4559	0.4599
Kurtosis	1.1691	-0.4007	-0.4292
Replicate F	2.447	8.215	8.166
Replicate Prob(F)	0.0855	0.0005	0.0005
Treatment F	3.711	1.594	1.546
Treatment Prob(F)	0.0039	0.1673	0.1823

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
 TY2 = 0.0132766*[C2]*(100-[C1])/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 Yellow Pea Variety Trial Yield

