

**NPARA**

<b>NP18-5 Green Pea Variety Trial</b>	
Trial ID: NP18-5 Green Pea Variety Trial	Location: NPARA Trial Year: 2017
Protocol ID: NP18-5 Green Pea Variety	Investigator: Tom Fromme
Crop: Other	Study Director:
Project ID: NP18-5 Green Pea Variety	Sponsor Contact:

<b>General Trial Information</b>	
<b>Investigator:</b> Tom Fromme	<b>Title:</b> Research Coordinator
<b>Trial Location</b>	
<b>City:</b> North Star	<b>Country:</b> CAN Canada
<b>State/Prov.:</b> Alberta	
<b>Postal Code:</b> T0H 2T0	<b>Climate Zone:</b> USMOU US Mountain
<b>Conducted Under GLP:</b> No	
<b>Conducted Under GEP:</b> No	

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

<b>Crop Description</b>	
<b>Crop 1:</b> PIBSA	Pisum sativum arvense Field pea
	<b>Planting Date:</b> 6/14/2018
	<b>Planting Method:</b> DRILLE drilled
	<b>Planting Equipment:</b> DD Disc Drill
<b>Depth:</b> 1.5 IN	
<b>Row Spacing:</b> 9 IN	<b>Harvest Date:</b> 9/26/2018
	<b>Harvested Width:</b> 1.4 m
<b>Rows per Plot:</b> 6	<b>Harvested Length:</b> 8 m
<b>Planting Density:</b> 10 P/FT2	<b>Harvest Equipment:</b> plot harvester
<b>Soil Temperature:</b> 10 C	<b>% Standard Moisture:</b> 16

<b>Site and Design</b>	
<b>Treated Plot Width:</b> 1.4 m	
<b>Treated Plot Length:</b> 8 m	
<b>Treated Plot Area:</b> 11.2 m <sup>2</sup>	<b>Treatments:</b> 3
<b>Replications:</b> 3	<b>Tillage Type:</b> NOTILL no-till
	<b>Study Design:</b> RACOB L Randomized Complete Block (RCB)

<b>Maintenance</b>							
No.	Date	Type	Maintenance Product Name	Form Conc	Form Type	Rate	Rate Unit
1.	6/22/2018	MAINT	Basagran	4	WS	910	mL/ac
2.	7/4/2018	MAINT	Assure II			300	mL/ac
3.	7/4/2018	MAINT	Merge			1	%v/v
4.	8/21/2018	MAINT	Reglone			690	mL/ac
<b>Field Prep./Maintenance:</b>							
May 9, 2018							
123 lbs/ac 11-52-0-0							
May 14, 2018							
3 gal/ac Alpine G22 at seeding							
August 21, 2018							
Dessicated trial							

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Pest Type	PIBSA BVPU	PIBSA BVPU	PIBSA BVPU	PIBSA BVPU
Pest Code				
Pest Name				
Crop Code	Pisum sativum >	Pisum sativum >	Pisum sativum >	Pisum sativum >
BBCH Scale	Field pea	Field pea	Field pea	Field pea
Crop Scientific Name				
Crop Name				
Rating Date				
Part Rated				
Rating Type	SHATTR	MOICON	YIELD	YIELD
Rating Unit	1/4 m2	percent	g	BU
Sample Size, Unit			PLOT	A
Number of Subsamples	1	1	1	1
Crop Stage Scale				
Crop Stage Majority				
Pest Density, Unit				
Footnote Number				
Assessed By				
Data Entry Date				
Days After Emergence				
ARM Action Codes				TY1
Number of Decimals				1
Entry No.	1	2	3	4
Entry Name				
1 CDC Limerick	3.0 a	15.83 a	1506.10 a	20.0 a
2 LRP 1424	5.7 a	15.63 a	1827.20 a	24.4 a
3 AAC Comfort	6.0 a	16.13 a	1497.90 a	19.8 a
LSD P=.05	5.53	0.453	640.448	8.49
Standard Deviation	2.44	0.200	282.514	3.75
CV	49.87	1.26	17.54	17.5
Levene's F	0.206	0.80	0.146	0.148
Levene's Prob(F)	0.819	0.492	0.867	0.865
Skewness	0.16	-0.5516	0.0105	0.0136
Kurtosis	-0.7166	-1.5247	-1.5743	-1.5699
Replicate F	0.916	2.250	30.201	30.201
Replicate Prob(F)	0.4705	0.2215	0.0039	0.0039
Treatment F	1.364	4.750	1.326	1.399
Treatment Prob(F)	0.3534	0.0878	0.3617	0.3463

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

Rating Type  
SHATTR = grain shattering  
MOICON = moisture content  
YIELD = yield

Rating Unit  
g = gram  
BU = bushel

PLOT = total plot  
A = acre

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