

University of Georgia

Field Pea evaluation for establishment and weed control - Plains

Trial ID: FPEA01-14 Protocol ID: FPEA01-14
 Location: Plains, GA Study Director: GREY
 Project ID: FPEA01-14 Investigator: Timothy L. Grey
 Sponsor Contact: Brian Caldbeck

Crop Name	Pea	Field pea	Field pea	Field pea	Field pea
Part Rated	PLINRO C	PLANT C	PLANT C	PLANT C	PLANT C
Rating Date	2/10/14	6/5/14	6/5/14	6/5/14	6/5/14
Rating Type	STAND	WEDRCL	MOICON	WEITES	YIELD
Rating Unit	#/METER	lb/plot	%	lb/bu	BU
Trt-Eval Interval	8 DA-B				
Plant-Eval Interval	32 DP-1	147 DP-1	147 DP-1	147 DP-1	147 DP-1

Trt No.	Treatment Name	Rate	Appl Code	Plot	1	2	3	4	5
1	PST SP 15			101	15	9.3	11.0	55.3	61.7
	Sencor DF	4 oz wt/a	A	208	16	8.1	10.8	53.3	54.0
	Dual Magnum	1.0 pt/a	B	305	14	9.9	10.9	60.7	66.2
				Mean =	15	9.1	10.9	56.4	60.6
2	PST SP 16			102	20	8.7	11.4	48.8	57.7
	Sencor DF	4 oz wt/a	A	206	16	8.9	10.8	53.0	59.6
	Dual Magnum	1.0 pt/a	B	304	18	5.9	11.0	52.0	39.5
				Mean =	18	7.9	11.1	51.3	52.3
3	PST SP 17			103	21	7.8	10.4	57.3	52.2
	Sencor DF	4 oz wt/a	A	202	17	7.1	10.9	55.3	47.3
	Dual Magnum	1.0 pt/a	B	306	17	8.1	10.7	46.3	54.2
				Mean =	18	7.7	10.7	53.0	51.2
4	PST SP 18			104	16	9.7	10.7	55.3	65.0
	Sencor DF	4 oz wt/a	A	203	14	7.8	10.7	54.3	52.3
	Dual Magnum	1.0 pt/a	B	307	15	9.6	11.1	54.4	63.6
				Mean =	15	9.1	10.8	54.7	60.3
5	PST SP 19			105	19	6.6	11.2	55.4	43.5
	Sencor DF	4 oz wt/a	A	201	20	6.5	10.9	62.2	43.1
	Dual Magnum	1.0 pt/a	B	308	17	7.5	11.2	52.4	50.0
				Mean =	19	6.9	11.1	56.7	45.5
6	PST SP 20			106	16	7.4	11.0	59.5	49.3
	Sencor DF	4 oz wt/a	A	204	16	8.8	10.6	49.8	58.8
	Dual Magnum	1.0 pt/a	B	302	15	8.2	11.6	52.3	54.3
				Mean =	16	8.1	11.1	53.9	54.1
7	PST SP 21			107	15	7.1	11.4	48.2	47.3
	Sencor DF	4 oz wt/a	A	205	13	5.7	10.6	58.8	38.1
	Dual Magnum	1.0 pt/a	B	303	12	8.1	11.5	50.1	53.5
				Mean =	13	7.0	11.2	52.4	46.3

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Part Rated	PLINRO	C PLANT	C PLANT	C PLANT	C PLANT
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Rating Type	STAND	WEDRCL	MOICON	WEITES	YIELD
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Trt-Eval Interval	8 DA-B				
Plant-Eval Interval	32 DP-1	147 DP-1	147 DP-1	147 DP-1	147 DP-1

Trt No.	Treatment Name	Rate Unit	Appl Code	Plot	1	2	3	4	5
8	PST SP 22			108	20	5.9	11.6	59.7	38.7
	Sencor DF	4 oz wt/a	A	207	22	6.1	11.3	61.5	40.1
	Dual Magnum	1.0 pt/a	B	301	13	7.8	10.7	57.6	52.3
	Mean =				18	6.6	11.2	59.6	43.7

Part Rated

PLINRO = plant - in row

PLANT = plant

C = Crop is Part Rated

Rating Type

WEDRCL = weight dried and cleaned

MOICON = moisture content

WEITES = weight - test

YIELD = yield

Rating Unit

lb/plot = pounds per plot

% = percent

BU = bushel

Plant-Eval Interval

32 DP-1 = 1 PIBSA 1/9/14

147 DP-1 = 1 PIBSA 1/9/14

ARM Action Codes

TY1 = $6.722222 * [2] * (100 - [3]) / 90$

Trial Comments

Plots harvested for grain on June 5, 2014. US weights has 60 lbs/bu at 10.0% moisture.