

University of Georgia

POSTEMERGENCE CONTROL OF PINK PURSLANE
 GREENHOUSE
 Trial ID: PURSLANE-01A-22 Study Dir.: NICK SHAY
 Location: GREENHOUSE Investigator: Eric P. Prostko

Reps: 6 Plots: 10 by 40 feet
 Appl. Amount: 20 GAL/AC Mix Size: 0.5 L (total for 6 plots; minimum=4.171 L)

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	Amt Product to Measure	Diluent	Rep					
									1	2	3	4	5	6
1	ROUNDUP P-MAX3	5.88	SL	22.0 oz/a	POST	A	4.297 mL/mx	495.7 mL	101	215	321	412	513	617
2	GRAMOXONE INDUCE	2	SL	32.0 oz/a 0.25 % v/v	POST	A	6.25 mL/mx 1.25 mL/mx	492.5 mL	102	209	310	405	519	608
3	LIBERTY	2.34	SL	32.0 oz/a	POST	A	6.25 mL/mx	493.75 mL	103	210	306	402	511	621
4	ENGENIA	5	SL	12.8 oz/a	POST	A	2.5 mL/mx	497.5 mL	104	211	322	408	517	609
5	ENLIST ONE	3.8	SL	32.0 oz/a	POST	A	6.25 mL/mx	493.75 mL	105	219	313	418	507	604
6	DIURON AGRIDEX	4	L	24.0 oz/a 1.0 % v/v	POST	A	4.687 mL/mx 4.999 mL/mx	490.31 mL	106	201	319	413	505	614
7	AATREX AGRIDEX	4	L	48.0 oz/a 1.0 % v/v	POST	A	9.375 mL/mx 4.999 mL/mx	485.63 mL	107	204	309	407	501	603
8	ULTRA BLAZER INDUCE	2	SL	24.0 oz/a 0.25 % v/v	POST	A	4.687 mL/mx 1.25 mL/mx	494.06 mL	108	203	312	420	509	607
9	STORM AGRIDEX	4	SL	24.0 oz/a 1.0 % v/v	POST	A	4.687 mL/mx 4.999 mL/mx	490.31 mL	109	216	311	416	503	606
10	2,4-DB AGRIDEX	2	SL	16.0 oz/a 1.0 % v/v	POST	A	3.125 mL/mx 4.999 mL/mx	491.88 mL	110	220	303	409	515	602
11	STRONGARM INDUCE	84	WG	0.30 oz/a 0.25 % v/v	POST	A	.05617 g/mx 1.25 mL/mx	498.69 mL	111	217	308	411	518	612
12	COBRA AGRIDEX	2	EC	12.5 oz/a 1.0 % v/v	POST	A	2.441 mL/mx 4.999 mL/mx	492.56 mL	112	206	302	417	510	613
13	IMPACT AGRIDEX	2.8	SC	1.25 oz/a 1.0 % v/v	POST	A	0.2441 mL/mx 4.999 mL/mx	494.76 mL	113	214	304	410	520	601
14	CALLISTO AGRIDEX	4	SC	3.0 oz/a 1.0 % v/v	POST	A	0.5859 mL/mx 4.999 mL/mx	494.42 mL	114	213	314	401	514	611
15	LAUDIS AGRIDEX	3.5	SC	3.0 oz/a 1.0 % v/v	POST	A	0.5859 mL/mx 4.999 mL/mx	494.42 mL	115	218	320	403	512	619
16	SHIELDEX AGRIDEX	3.33	SC	1.0 oz/a 1.0 % v/v	POST	A	0.1953 mL/mx 4.999 mL/mx	494.81 mL	116	222	307	419	504	620
17	GRAMOXONE STORM INDUCE	2 4	SL SL	12.0 oz/a 16.0 oz/a 0.25 % v/v	POST POST	A A	2.344 mL/mx 3.125 mL/mx 1.25 mL/mx	493.28 mL	117	202	315	422	502	616
18	REFLEX INDUCE	2	SL	24.0 oz/a 0.25 % v/v	POST	A	4.687 mL/mx 1.25 mL/mx	494.06 mL	118	208	316	404	521	605
19	AIM AGRIDEX	2	EC	1.0 oz/a 1.0 % v/v	POST	A	0.1953 mL/mx 4.999 mL/mx	494.81 mL	119	212	317	406	508	618
20	CADRE AGRIDEX	2	AS	4.0 oz/a 1.0 % v/v	POST	A	0.7812 mL/mx 4.999 mL/mx	494.22 mL	120	205	318	415	506	615
21	CLASSIC INDUCE	25	DG	0.5 oz/a 0.25 % v/v	POST	A	.09361 g/mx 1.25 mL/mx	498.66 mL	121	207	305	414	516	622
22	NTC							-	122	221	301	421	522	610

Sort Order: Replicate 1

University of Georgia

POSTEMERGENCE CONTROL OF PINK PURSLANE
GREENHOUSE
Trial ID: PURSLANE-01A-22 Study Dir.: NICK SHAY
Location: GREENHOUSE Investigator: Eric P. Prostko

Trial Comments

TEST 1 + 2

APPLICATION DATE: 11/28/22
NOZZLE: 11002XR
PRESSURE: 50 PSI
SPEED: 2.5 MPH

PURSLANE STAGE OF GROWTH:
HEIGHT: 2-4"

2 PLANTS/POT
1 POT = 1 REP
6 REPS/TRT

SUMMARY:

1) AT 14 DAT, THE FOLLOWING TREATMENTS PROVIDED AT LEAST 75% VISUAL CONTROL OF PINK PURSLANE:

ROUNDUP - 79%
GRAMOXONE - 97%
LIBERTY - 98%
DIURON - 96%
AATREX - 98%
ULTRA BLAZER - 96%
STORM - 78%
COBRA - 99%
SHIELDEX - 76%
REFLEX - 78%
CADRE - 76%

2) AT 14 DAT, THE FOLLOWING TREATMENTS PROVIDED AT LEAST A 75% REDUCTION IN THE FRESH WEIGHT BIOMASS OF PINK PURSLANE:

ROUNDUP - 93%
GRAMOXONE - 99%
LIBERTY - 100%
DIURON - 99%
AATREX - 100%
ULTRA BLAZER - 100%
STORM - 92%
COBRA - 100%
SHIELDEX - 89%
GRAMOXONE + STORM - 80%
REFLEX - 92%
CADRE - 92%
CLASSIC - 82%

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POSTEMERGENCE CONTROL OF PINK PURSLANE
GREENHOUSE

Trial ID: PURSLANE-01A-22 Study Dir.: NICK SHAY
Location: GREENHOUSE Investigator: Eric P. Probst

Weed Code						PORPI	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI
Crop Code						-----	-----	-----	-----	-----	-----	-----	-----	-----
Part Rated						Test1, -	Test2, -	AVG, -	Test1, -	Test2, -	AVG, -	FSH WGT1	FSH WGT2	AVG, -
Rating Data Type						Control	Control	Control	Control	Control	Control	G/POT	G/POT	G/POT
Rating Unit						%	%	%	%	%	%			
Rating Date						Dec-5-22	Dec-5-22	Dec-5-22	Dec-12-22	Dec-12-22	Dec-12-22	Dec-12-22	Dec-12-22	Dec-12-22
Trt-Eval Interval						7 DA-A	7 DA-A	7 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	1	2	3	4	5	6	7	8	9
1	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	POST A	70.8 fg	58.3 ef	65 f	75.8 bcd	81.7 cd	79 b	1.8 e-h	0.7 ef	1.3 gh
2	GRAMOXONE INDUCE	2 SL		32.0 oz/a 0.25 % v/v	POST A	99.2 ab	95.0 ab	97 ab	94.2 a	100.0 a	97 a	0.3 gh	0.0 f	0.2 h
3	LIBERTY	2.34 SL		32.0 oz/a	POST A	93.3 abc	93.3 ab	93 bc	98.3 a	97.5 ab	98 a	0.0 h	0.0 f	0.0 h
4	ENGENIA	5 SL		12.8 oz/a	POST A	54.2 i	50.8 fg	53 gh	65.8 de	67.5 ef	67 de	4.2 de	4.3 c	4.3 e
5	ENLIST ONE	3.8 SL		32.0 oz/a	POST A	64.2 gh	38.3 h	51 gh	70.0 cde	73.3 de	72 cd	5.5 d	2.0 de	3.8 e
6	DIURON AGRIDEX	4 L		24.0 oz/a 1.0 % v/v	POST A	71.7 fg	61.7 e	67 ef	93.3 a	98.3 a	96 a	0.5 fgh	0.0 f	0.3 h
7	AATREX AGRIDEX	4 L		48.0 oz/a 1.0 % v/v	POST A	77.5 ef	62.5 e	70 ef	96.7 a	99.2 a	98 a	0.0 h	0.0 f	0.0 h
8	ULTRA BLAZER INDUCE	2 SL		24.0 oz/a 0.25 % v/v	POST A	90.8 c	87.5 bc	89 cd	95.0 a	97.5 ab	96 a	0.0 h	0.0 f	0.0 h
9	STORM AGRIDEX	4 SL		24.0 oz/a 1.0 % v/v	POST A	91.7 bc	76.7 d	84 d	67.5 de	89.2 bc	78 bc	2.8 d-g	0.0 f	1.4 gh
10	2,4-DB AGRIDEX	2 SL		16.0 oz/a 1.0 % v/v	POST A	55.8 i	13.3 ij	35 i	40.0 g	46.7 g	43 g	17.2 a	9.5 b	13.3 b
11	STRONGARM INDUCE	84 WG		0.30 oz/a 0.25 % v/v	POST A	43.3 j	20.0 i	32 i	5.0 i	10.0 h	8 h	13.2 bc	10.3 b	11.8 c
12	COBRA AGRIDEX	2 EC		12.5 oz/a 1.0 % v/v	POST A	100.0 a	100.0 a	100 a	98.3 a	99.2 a	99 a	0.0 h	0.0 f	0.0 h
13	IMPACT AGRIDEX	2.8 SC		1.25 oz/a 1.0 % v/v	POST A	25.0 k	1.7 kl	13 j	3.3 i	8.3 hi	6 hi	16.3 a	10.0 b	13.2 bc
14	CALLISTO AGRIDEX	4 SC		3.0 oz/a 1.0 % v/v	POST A	21.7 k	4.2 jkl	13 j	8.3 i	15.0 h	12 h	14.7 ab	11.2 b	12.9 bc
15	LAUDIS AGRIDEX	3.5 SC		3.0 oz/a 1.0 % v/v	POST A	8.3 l	0.0 l	4 k	0.0 i	0.0 i	0 i	17.2 a	15.8 a	16.5 a
16	SHILEDX AGRIDEX	3.33 SC		1.0 oz/a 1.0 % v/v	POST A	21.7 k	10.0 jk	16 j	70.0 cde	81.7 cd	76 bc	3.0 d-g	0.8 ef	1.9 fg
17	GRAMOXONE STORM INDUCE	2 SL 4 SL		12.0 oz/a 16.0 oz/a 0.25 % v/v	POST A	81.7 de	62.5 e	72 e	53.3 f	68.0 ef	59 f	4.8 d	1.4 def	3.5 e
18	REFLEX INDUCE	2 SL		24.0 oz/a 0.25 % v/v	POST A	86.7 cd	81.8 cd	84 d	80.8 b	75.8 de	78 bc	1.3 fgh	1.3 def	1.3 gh
19	AIM AGRIDEX	2 EC		1.0 oz/a 1.0 % v/v	POST A	68.3 g	44.0 gh	55 gh	28.0 h	62.0 f	41 g	11.0 c	3.2 cd	7.9 d
20	CADRE AGRIDEX	2 AS		4.0 oz/a 1.0 % v/v	POST A	60.0 hi	51.7 fg	56 g	78.3 bc	74.2 de	76 bc	1.3 fgh	1.3 def	1.3 gh
21	CLASSIC INDUCE	25 DG		0.5 oz/a 0.25 % v/v	POST A	55.0 i	44.2 gh	50 h	65.0 e	59.2 f	62 ef	3.2 def	3.0 cd	3.1 ef
22	NTC					0.0 m	0.0 l	0 k	0.0 i	0.0 i	0 i	17.3 a	17.3 a	17.3 a
LSD P=.10						8.03	9.65	6.0	10.76	9.09	6.9	2.82	1.99	1.57
Standard Deviation						8.38	10.08	6.3	11.23	9.49	7.2	2.94	2.08	1.64
CV						13.76	20.96	11.57	19.19	14.86	11.77	47.66	49.48	31.33
Grand Mean						60.95	48.07	54.5	58.51	63.83	60.9	6.17	4.19	5.23

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Missing data estimates are included in columns: Average=2,3,4,5,6,7,8,9,10
 ^Calculated from residual.

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GREENHOUSE

Trial ID: PURSLANE-01A-22 Study Dir.: NICK SHAY
Location: GREENHOUSE Investigator: Eric P. Prostko

Weed Code							PORPI
Crop Code							biomas, -
Part Rated							REDUCTION
Rating Data Type							%
Rating Unit							Dec-12-22
Rating Date							14 DA-A
Trt-Eval Interval							10
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	
1	ROUNDUP P-MAX3	5.88	SL	22.0 oz/a	POST	A	93 ab
2	GRAMOXONE INDUCE	2	SL	32.0 oz/a 0.25 % v/v	POST	A	99 a
3	LIBERTY	2.34	SL	32.0 oz/a	POST	A	100 a
4	ENGENIA	5	SL	12.8 oz/a	POST	A	75 d
5	ENLIST ONE	3.8	SL	32.0 oz/a	POST	A	78 d
6	DIURON AGRIDEX	4	L	24.0 oz/a 1.0 % v/v	POST	A	99 a
7	AATREX AGRIDEX	4	L	48.0 oz/a 1.0 % v/v	POST	A	100 a
8	ULTRA BLAZER INDUCE	2	SL	24.0 oz/a 0.25 % v/v	POST	A	100 a
9	STORM AGRIDEX	4	SL	24.0 oz/a 1.0 % v/v	POST	A	92 ab
10	2,4-DB AGRIDEX	2	SL	16.0 oz/a 1.0 % v/v	POST	A	23 g
11	STRONGARM INDUCE	84	WG	0.30 oz/a 0.25 % v/v	POST	A	32 f
12	COBRA AGRIDEX	2	EC	12.5 oz/a 1.0 % v/v	POST	A	100 a
13	IMPACT AGRIDEX	2.8	SC	1.25 oz/a 1.0 % v/v	POST	A	24 fg
14	CALLISTO AGRIDEX	4	SC	3.0 oz/a 1.0 % v/v	POST	A	25 fg
15	LAUDIS AGRIDEX	3.5	SC	3.0 oz/a 1.0 % v/v	POST	A	5 h
16	SHIELDDEX AGRIDEX	3.33	SC	1.0 oz/a 1.0 % v/v	POST	A	89 bc
17	GRAMOXONE STORM INDUCE	2 4	SL SL	12.0 oz/a 16.0 oz/a 0.25 % v/v	POST POST	A A	80 d
18	REFLEX INDUCE	2	SL	24.0 oz/a 0.25 % v/v	POST	A	92 ab
19	AIM AGRIDEX	2	EC	1.0 oz/a 1.0 % v/v	POST	A	54 e
20	CADRE AGRIDEX	2	AS	4.0 oz/a 1.0 % v/v	POST	A	92 ab
21	CLASSIC INDUCE	25	DG	0.5 oz/a 0.25 % v/v	POST	A	82 cd
22	NTC						0 h
LSD P=.10							9.1
Standard Deviation							9.5
CV							13.59
Grand Mean							69.7

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Missing data estimates are included in columns: Average=2,3,4,5,6,7,8,9,10
 ^Calculated from residual.

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 Location: GREENHOUSE Investigator: Eric P. Prostko

Randomized Complete Block (RCB) AOV For PORPI ----- Test1 Control % Dec-5-22 7 DA-A (Data Column 1)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	131	121206.628788			
Replicate	5	1064.583333	212.916667	3.029	0.0136
Treatment	21	112760.795455	5369.561688	76.383	0.0001
Error	105	7381.250000	70.297619		

Randomized Complete Block (RCB) AOV For PORPI ----- Test2 Control % Dec-5-22 7 DA-A (Data Column 2)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	130	152044.386364			
Replicate	5	725.886364	145.177273	1.430	0.2196
Treatment	21	140761.886364	6702.946970	66.035	0.0001
Error	104	10556.613636	101.505900		

Randomized Complete Block (RCB) AOV For PORPI ----- AVG Control % Dec-5-22 7 DA-A (Data Column 3)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	130	127582.227273			
Replicate	5	220.909091	44.181818	1.113	0.3578
Treatment	21	123234.727273	5868.320346	147.896	0.0001
Error	104	4126.590909	39.678759		

Randomized Complete Block (RCB) AOV For PORPI ----- Test1 Control % Dec-12-22 14 DA-A (Data Column 4)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	130	174304.992424			
Replicate	5	1300.946970	260.189394	2.063	0.0759
Treatment	21	159887.492424	7613.690115	60.368	0.0001
Error	104	13116.553030	126.120702		

Randomized Complete Block (RCB) AOV For PORPI ----- Test2 Control % Dec-12-22 14 DA-A (Data Column 5)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	129	163910.992424			
Replicate	5	180.856061	36.171212	0.402	0.8464
Treatment	21	154463.492424	7355.404401	81.756	0.0001
Error	103	9266.643939	89.967417		

Randomized Complete Block (RCB) AOV For PORPI ----- AVG Control % Dec-12-22 14 DA-A (Data Column 6)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	128	161215.776989			
Replicate	5	347.372159	69.474432	1.353	0.2482
Treatment	21	155632.756155	7411.083626	144.381	0.0001
Error	102	5235.648674	51.329889		

Randomized Complete Block (RCB) AOV For PORPI FSH WGT1 G/POT Dec-12-22 14 DA-A (Data Column 7)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	130	6614.333333			
Replicate	5	107.424242	21.484848	2.488	0.0360
Treatment	21	5608.666667	267.079365	30.923	0.0001
Error	104	898.242424	8.636946		

Randomized Complete Block (RCB) AOV For PORPI FSH WGT2 G/POT Dec-12-22 14 DA-A (Data Column 8)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	128	4281.435152			
Replicate	5	34.762424	6.952485	1.615	0.1629
Treatment	21	3807.435152	181.306436	42.103	0.0001
Error	102	439.237576	4.306251		

Randomized Complete Block (RCB) AOV For PORPI AVG FSH WGT G/POT Dec-12-22 14 DA-A (Data Column 9)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	127	4809.314413			
Replicate	5	21.202083	4.240417	1.577	0.1735
Treatment	21	4516.451913	215.069139	79.960	0.0001
Error	101	271.660417	2.689707		

Randomized Complete Block (RCB) AOV For PORPI biomas REDUCTION % Dec-12-22 14 DA-A (Data Column 10)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	127	160690.781947			
Replicate	5	708.412688	141.682538	1.577	0.1735
Treatment	21	150905.540208	7185.978105	79.960	0.0001
Error	101	9076.829051	89.869595		

Rating Unit
 % = PERCENT
 ARM Action Codes
 T1 = ((C1)+(C2))/2
 T2 = ([4]+[5])/2
 T3 = ([7]+[8])/2

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POSTEMERGENCE CONTROL OF PINK PURSLANE GREENHOUSE Trial ID: PURSLANE-01A-22 Study Dir.: NICK SHAY Location: GREENHOUSE Investigator: Eric P. Prostko
T4 = ((17.3-[9])/17.3)*100

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Weed Code	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI				
Crop Code	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
Part Rated	Test1, -	Test2, -	AVG, -	Test1, -	Test2, -	AVG, -	Test1, -	Test2, -	AVG, -	Test1, -	Test2, -				
Rating Data Type	Control	Control	Control	Control	Control	Control	Control	Control	Control	Control	Control				
Rating Unit	%	%	%	%	%	%	%	%	%	%	%				
Rating Date	Dec-5-22	Dec-5-22	Dec-5-22	Dec-12-22	Dec-12-22	Dec-12-22	Dec-12-22	Dec-12-22	Dec-12-22	Dec-12-22	Dec-12-22				
Trt-Eval Interval	7 DA-A	7 DA-A	7 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A				
Trt Treatment	Form	Form	Rate	Grow	Appl										
No. Name	Conc	Type	Rate Unit	Stg	Code	Plot	1	2	3	4	5	6	7	8	9
1 ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	POST A	A	101	80.0	55.0	68	65.0	95.0	80	2.0	0.0	1.0
						215	85.0	60.0	73	85.0	85.0	85	1.0	0.0	0.5
						321	70.0	60.0	65	85.0	95.0	90	1.0	0.0	0.5
						412	65.0	50.0	58	60.0	65.0	63	5.0	2.0	3.5
						513	70.0	60.0	65	80.0	80.0	80	1.0	1.0	1.0
						617	55.0	65.0	60	80.0	70.0	75	1.0	1.0	1.0
						Mean =	70.8	58.3	65	75.8	81.7	79	1.8	0.7	1.3
2 GRAMOXONE INDUCE	2 SL		32.0 oz/a	POST A	A	102	100.0	100.0	100	100.0	100.0	100	0.0	0.0	0.0
						209	100.0	90.0	95	100.0	100.0	100	0.0	0.0	0.0
						310	100.0	100.0	100	100.0	100.0	100	0.0	0.0	0.0
						405	100.0	80.0	90	65.0	100.0	83	2.0	0.0	1.0
						519	95.0	100.0	98	100.0	100.0	100	0.0		.
						608	100.0	100.0	100	100.0	100.0	100	0.0	0.0	0.0
Mean =	99.2	95.0	97	94.2	100.0	97	0.3	0.0	0.2						
3 LIBERTY	2.34 SL		32.0 oz/a	POST A	A	103	100.0	80.0	90	90.0	100.0	95	0.0	0.0	0.0
						210	95.0	100.0	98	100.0	95.0	98	0.0	0.0	0.0
						306	95.0	95.0	95	100.0	100.0	100	0.0	0.0	0.0
						402	90.0	95.0	93	100.0	95.0	98	0.0	0.0	0.0
						511	95.0	95.0	95	100.0	100.0	100	0.0	0.0	0.0
						621	85.0	95.0	90	100.0	95.0	98	0.0	0.0	0.0
Mean =	93.3	93.3	93	98.3	97.5	98	0.0	0.0	0.0						
4 ENGENIA	5 SL		12.8 oz/a	POST A	A	104	60.0	50.0	55	60.0	65.0	63	5.0	5.0	5.0
						211	50.0	60.0	55	60.0	60.0	60	2.0	8.0	5.0
						322	55.0	60.0	58	75.0	65.0	70	2.0	4.0	3.0
						408	60.0	55.0	58	70.0	80.0	75	4.0	2.0	3.0
						517	50.0	30.0	40	65.0	70.0	68	7.0	3.0	5.0
						609	50.0	50.0	50	65.0	65.0	65	5.0	4.0	4.5
						Mean =	54.2	50.8	53	65.8	67.5	67	4.2	4.3	4.3
5 ENLIST ONE	3.8 SL		32.0 oz/a	POST A	A	105	60.0	40.0	50	90.0	60.0	75	1.0	3.0	2.0
						219	65.0	20.0	43	50.0	65.0	58	9.0	2.0	5.5
						313	75.0	60.0	68	85.0	85.0	85	1.0	1.0	1.0
						418	65.0	40.0	53	65.0	80.0	73	8.0	2.0	5.0
						507	60.0	30.0	45	65.0	65.0	65	9.0	3.0	6.0
						604	60.0	40.0	50	65.0	85.0	75	5.0	1.0	3.0
Mean =	64.2	38.3	51	70.0	73.3	72	5.5	2.0	3.8						
6 DIURON AGRIDEX	4 L		24.0 oz/a	POST A	A	106	75.0	75.0	75	100.0	100.0	100	0.0	0.0	0.0
						201	75.0	50.0	63	95.0	100.0	98	0.0	0.0	0.0
						319	65.0	60.0	63	95.0	95.0	95	0.0	0.0	0.0
						413	65.0	65.0	65	80.0	95.0	88	2.0	0.0	1.0
						505	65.0	60.0	63	95.0	100.0	98	0.0	0.0	0.0
						614	85.0	60.0	73	95.0	100.0	98	1.0	0.0	0.5
Mean =	71.7	61.7	67	93.3	98.3	96	0.5	0.0	0.3						
7 AATREX AGRIDEX	4 L		48.0 oz/a	POST A	A	107	65.0	70.0	68	100.0	95.0	98	0.0	0.0	0.0
						204	85.0	50.0	68	95.0	100.0	98	0.0	0.0	0.0
						309	85.0	65.0	75	95.0	100.0	98	0.0	0.0	0.0
						407	75.0	65.0	70	95.0	100.0	98	0.0	0.0	0.0
						501	80.0	60.0	70	95.0	100.0	98	0.0	0.0	0.0
						603	75.0	65.0	70	100.0	100.0	100	0.0	0.0	0.0
Mean =	77.5	62.5	70	96.7	99.2	98	0.0	0.0	0.0						
8 ULTRA BLAZER INDUCE	2 SL		24.0 oz/a	POST A	A	108	90.0	80.0	85	90.0	95.0	93	0.0	0.0	0.0
						203	90.0	95.0	93	95.0	100.0	98	0.0	0.0	0.0
						312	90.0	85.0	88	95.0	95.0	95	0.0	0.0	0.0
						420	95.0	95.0	95	100.0	100.0	100	0.0	0.0	0.0
						509	95.0	90.0	93	100.0	100.0	100	0.0	0.0	0.0
						607	85.0	80.0	83	90.0	95.0	93	0.0	0.0	0.0
Mean =	90.8	87.5	89	95.0	97.5	96	0.0	0.0	0.0						

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POSTEMERGENCE CONTROL OF PINK PURSLANE GREENHOUSE Trial ID: PURSLANE-01A-22 Study Dir.: NICK SHAY Location: GREENHOUSE Investigator: Eric P. Prostko																
Weed Code	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI			
Crop Code	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----			
Part Rated	Test1, -	Test2, -	AVG, -	Test1, -	Test2, -	AVG, -	Test1, -	Test2, -	AVG, -	FSH WGT1	FSH WGT2	AVG, -	FSH WGT			
Rating Data Type	Control	Control	Control	Control	Control	Control	Control	Control	Control	G/POT	G/POT	G/POT	G/POT			
Rating Unit	%	%	%	%	%	%	%	%	%							
Rating Date	Dec-5-22	Dec-5-22	Dec-5-22	Dec-12-22	Dec-12-22	Dec-12-22	Dec-12-22	Dec-12-22	Dec-12-22	Dec-12-22	Dec-12-22	Dec-12-22	Dec-12-22			
Trt-Eval Interval	7 DA-A	7 DA-A	7 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A			
Trt Treatment	Form	Form	Rate	Grow	Appl											
No. Name	Conc	Type	Rate	Unit	Stg	Code	Plot	1	2	3	4	5	6	7	8	9
9 STORM AGRIDEX	4 SL		24.0 oz/a	POST A	A	109	109	95.0	75.0	85	75.0	95.0	85	1.0	0.0	0.5
							216	90.0	70.0	80	50.0	75.0	63	6.0	0.0	3.0
							311	95.0	75.0	85	50.0	100.0	75	4.0	0.0	2.0
							416	90.0	65.0	78	50.0	100.0	75	5.0	0.0	2.5
							503	90.0	90.0	90	100.0	85.0	93	0.0	0.0	0.0
							606	90.0	85.0	88	80.0	80.0	80	1.0	0.0	0.5
							Mean =	91.7	76.7	84	67.5	89.2	78	2.8	0.0	1.4
10 2,4-DB AGRIDEX	2 SL		16.0 oz/a	POST A	A	110	110	50.0	20.0	35	50.0	30.0	40	9.0	16.0	12.5
							220	60.0	10.0	35	40.0	50.0	45	16.0	6.0	11.0
							303	60.0	0.0	30	30.0	50.0	40	22.0	9.0	15.5
							409	50.0	20.0	35	50.0	50.0	50	17.0	11.0	14.0
							515	65.0	30.0	48	50.0	50.0	50	17.0	5.0	11.0
							602	50.0	0.0	25	20.0	50.0	35	22.0	10.0	16.0
							Mean =	55.8	13.3	35	40.0	46.7	43	17.2	9.5	13.3
11 STRONGARM INDUCE	84 WG		0.30 oz/a	POST A	A	111	111	50.0	30.0	40	0.0	10.0	5	11.0	13.0	12.0
							217	50.0	0.0	25	0.0	0.0	0	14.0	11.0	12.5
							308	50.0	0.0	25	0.0	10.0	5	21.0	10.0	15.5
							411	30.0	30.0	30	0.0	10.0	5	14.0	12.0	13.0
							518	30.0	50.0	40	30.0	20.0	25	7.0	7.0	7.0
							612	50.0	10.0	30	0.0	10.0	5	12.0	9.0	10.5
							Mean =	43.3	20.0	32	5.0	10.0	8	13.2	10.3	11.8
12 COBRA AGRIDEX	2 EC		12.5 oz/a	POST A	A	112	112	100.0	100.0	100	100.0	100.0	100	0.0	0.0	0.0
							206	100.0	100.0	100	95.0	100.0	98	0.0	0.0	0.0
							302	100.0	100.0	100	95.0	95.0	95	0.0	0.0	0.0
							417	100.0	100.0	100	100.0	100.0	100	0.0	0.0	0.0
							510	100.0	100.0	100	100.0	100.0	100	0.0	0.0	0.0
							613	100.0	100.0	100	100.0	100.0	100	0.0	0.0	0.0
							Mean =	100.0	100.0	100	98.3	99.2	99	0.0	0.0	0.0
13 IMPACT AGRIDEX	2.8 SC		1.25 oz/a	POST A	A	113	113	20.0	0.0	10	0.0	0.0	0	21.0	13.0	17.0
							214	30.0	0.0	15	0.0	0.0	0	19.0	10.0	14.5
							304	30.0	0.0	15	0.0	20.0	10	19.0	8.0	13.5
							410	20.0	0.0	10	0.0	0.0	0	16.0	12.0	14.0
							520	20.0	10.0	15	20.0	10.0	15	8.0	8.0	8.0
							601	30.0	0.0	15	0.0	20.0	10	15.0	9.0	12.0
							Mean =	25.0	1.7	13	3.3	8.3	6	16.3	10.0	13.2
14 CALLISTO AGRIDEX	4 SC		3.0 oz/a	POST A	A	114	114	10.0	0.0	5	0.0	0.0	0	19.0	13.0	16.0
							213	50.0	5.0	28	0.0	40.0	20	14.0	6.0	10.0
							314	50.0	0.0	25	0.0	50.0	25	17.0	5.0	11.0
							401	10.0	0.0	5	0.0	0.0	0	17.0	13.0	15.0
							514	10.0	0.0	5	0.0	0.0	0	18.0	11.0	14.5
							611	0.0	20.0	10	50.0	0.0	25	3.0	19.0	11.0
							Mean =	21.7	4.2	13	8.3	15.0	12	14.7	11.2	12.9
15 LAUDIS AGRIDEX	3.5 SC		3.0 oz/a	POST A	A	115	115	0.0	0.0	0	0.0	0.0	0	15.0	19.0	17.0
							218	30.0	0.0	15	0.0	0.0	0	15.0	13.0	14.0
							320	10.0	0.0	5	0.0	0.0	0	16.0	16.0	16.0
							403	10.0	0.0	5	0.0	0.0	0	23.0	14.0	18.5
							512	0.0	0.0	0	0.0	0.0	0	21.0	15.0	18.0
							619	0.0	0.0	0	0.0	0.0	0	13.0	18.0	15.5
							Mean =	8.3	0.0	4	0.0	0.0	0	17.2	15.8	16.5
16 SHIELDX AGRIDEX	3.33 SC		1.0 oz/a	POST A	A	116	116	30.0	10.0	20	80.0	80.0	80	1.0	1.0	1.0
							222	20.0	10.0	15	75.0	80.0	78	2.0	0.0	1.0
							307	20.0	10.0	15	65.0	65.0	65	4.0	3.0	3.5
							419	20.0	10.0	15	70.0	80.0	75	4.0	1.0	2.5
							504	20.0	10.0	15	65.0	95.0	80	4.0	0.0	2.0
							620	20.0	10.0	15	65.0	90.0	78	3.0	0.0	1.5
							Mean =	21.7	10.0	16	70.0	81.7	76	3.0	0.8	1.9

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POSTEMERGENCE CONTROL OF PINK PURSLANE GREENHOUSE Trial ID: PURSLANE-01A-22 Study Dir.: NICK SHAY Location: GREENHOUSE Investigator: Eric P. Prostko																	
Weed Code	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI	PORPI				
Crop Code	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
Part Rated	Test1, -	Test2, -	AVG, -	Test1, -	Test2, -	AVG, -	Test1, -	Test2, -	AVG, -	FSH WGT1	FSH WGT2	AVG, -	FSH WGT				
Rating Data Type	Control	Control	Control	Control	Control	Control	Control	Control	Control	G/POT	G/POT	G/POT	G/POT				
Rating Unit	%	%	%	%	%	%	%	%	%								
Rating Date	Dec-5-22	Dec-5-22	Dec-5-22	Dec-12-22	Dec-12-22	Dec-12-22	Dec-12-22	Dec-12-22	Dec-12-22	Dec-12-22	Dec-12-22	Dec-12-22	Dec-12-22				
Trt-Eval Interval	7 DA-A	7 DA-A	7 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A				
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	1	2	3	4	5	6	7	8	9
17	GRAMOXONE STORM INDUCE	2 SL		12.0 oz/a	POST A	A	117	117	65.0	75.0	70	75.0	.	48	1.0	.	.
								202	85.0	50.0	68	30.0	65.0	7.0	1.0	4.0	
								315	85.0	65.0	75	50.0	75.0	7.0	1.0	4.0	
								422	85.0	70.0	78	70.0	65.0	2.0	1.0	1.5	
								502	90.0	50.0	70	30.0	75.0	10.0	1.0	5.5	
								616	80.0	65.0	73	65.0	60.0	2.0	3.0	2.5	
								Mean =	81.7	62.5	72	53.3	68.0	4.8	1.4	3.5	
18	REFLEX INDUCE	2 SL		24.0 oz/a	POST A	A	118	118	95.0	80.0	88	75.0	75.0	75	2.0	1.0	1.5
								208	95.0	80.0	88	65.0	95.0	1.0	0.0	0.5	
								316	90.0	76.0	83	90.0	75.0	1.0	1.0	1.0	
								404	80.0	80.0	80	75.0	60.0	2.0	3.0	2.5	
								521	85.0	100.0	93	100.0	85.0	0.0	1.0	0.5	
								605	75.0	75.0	75	80.0	65.0	2.0	2.0	2.0	
								Mean =	86.7	81.8	84	80.8	75.8	1.3	1.3	1.3	
19	AIM AGRIDEX	2 EC		1.0 oz/a	POST A	A	119	119	75.0	65.0	70	40.0	70.0	55	8.0	2.0	5.0
								212	75.0	50.0	63	20.0	60.0	9.0	2.0	5.5	
								317	60.0	25.0	43	10.0	40.0	15.0	9.0	12.0	
								406	70.0	20.0	45	20.0	65.0	16.0	2.0	9.0	
								508	80.0	.	.	.	75.0	.	1.0	.	
								618	50.0	60.0	55	50.0	.	7.0	.	.	
								Mean =	68.3	44.0	55	28.0	62.0	41	11.0	3.2	7.9
20	CADRE AGRIDEX	2 AS		4.0 oz/a	POST A	A	120	120	80.0	65.0	73	85.0	95.0	90	1.0	0.0	0.5
								205	55.0	50.0	53	90.0	65.0	0.0	2.0	1.0	
								318	65.0	55.0	60	75.0	75.0	2.0	1.0	1.5	
								415	50.0	50.0	50	65.0	60.0	2.0	2.0	2.0	
								506	50.0	60.0	55	80.0	75.0	1.0	1.0	1.0	
								615	60.0	30.0	45	75.0	75.0	2.0	2.0	2.0	
								Mean =	60.0	51.7	56	78.3	74.2	76	1.3	1.3	1.3
21	CLASSIC INDUCE	25 DG		0.5 oz/a	POST A	A	121	121	55.0	65.0	60	75.0	70.0	73	2.0	2.0	2.0
								207	60.0	20.0	40	60.0	60.0	2.0	3.0	2.5	
								305	40.0	50.0	45	70.0	50.0	2.0	5.0	3.5	
								414	65.0	50.0	58	60.0	65.0	5.0	1.0	3.0	
								516	45.0	30.0	38	50.0	50.0	7.0	4.0	5.5	
								622	65.0	50.0	58	75.0	60.0	1.0	3.0	2.0	
								Mean =	55.0	44.2	50	65.0	59.2	62	3.2	3.0	3.1
22	NTC						122	122	0.0	0.0	0	0.0	0.0	0	12.0	16.0	14.0
								221	0.0	0.0	0	0.0	0.0	12.0	18.0	15.0	
								301	0.0	0.0	0	0.0	0.0	18.0	25.0	21.5	
								421	0.0	0.0	0	0.0	0.0	21.0	16.0	18.5	
								522	0.0	0.0	0	0.0	0.0	23.0	12.0	17.5	
								610	0.0	0.0	0	0.0	0.0	18.0	17.0	17.5	
								Mean =	0.0	0.0	0	0.0	0.0	0	17.3	17.3	17.3

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POSTEMERGENCE CONTROL OF PINK PURSLANE
 GREENHOUSE
 Trial ID: PURSLANE-01A-22 Study Dir.: NICK SHAY
 Location: GREENHOUSE Investigator: Eric P. Prostko

Weed Code						PORPI		
Crop Code						biomas, - REDUCTION % Dec-12-22 14 DA-A		
Part Rated								
Rating Data Type								
Rating Unit								
Rating Date								
Trt-Eval Interval						10		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	Plot	
17	GRAMOXONE	2 SL		12.0 oz/a	POST A	117		.
	STORM	4 SL		16.0 oz/a	POST A	202		77
	INDUCE			0.25 % v/v	POST A	315		77
						422		91
						502		68
						616		86
						Mean =		80
18	REFLEX	2 SL		24.0 oz/a	POST A	118		91
	INDUCE			0.25 % v/v	POST A	208		97
						316		94
						404		86
						521		97
						605		88
						Mean =		92
19	AIM	2 EC		1.0 oz/a	POST A	119		71
	AGRIDEX			1.0 % v/v	POST A	212		68
						317		31
						406		48
						508		.
						618		.
						Mean =		54
20	CADRE	2 AS		4.0 oz/a	POST A	120		97
	AGRIDEX			1.0 % v/v	POST A	205		94
						318		91
						415		88
						506		94
						615		88
						Mean =		92
21	CLASSIC	25 DG		0.5 oz/a	POST A	121		88
	INDUCE			0.25 % v/v	POST A	207		86
						305		80
						414		83
						516		68
						622		88
						Mean =		82
22	NTC					122		19
						221		13
						301		-24
						421		-7
						522		-1
						610		-1
						Mean =		0

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POSTEMERGENCE CONTROL OF PINK PURSLANE
GREENHOUSE

Trial ID: PURSLANE-01A-22 Study Dir.: NICK SHAY
Location: GREENHOUSE Investigator: Eric P. Prostko

Rating Unit

% = PERCENT

ARM Action Codes

T1 = $((C1) + (C2)) / 2$

T2 = $((4) + (5)) / 2$

T3 = $((7) + (8)) / 2$

T4 = $((17.3 - (9)) / 17.3) * 100$