

University of Tennessee

Newer Herbicide Corn Premix for Weed Control - Gibson Co.

Location: UT Ag Research and Education Center (Milan)

Variety: PIONEER 1319 HR (planted: 4/1/15)

Application: Appl A 4/2/2015; Appl B 5/7/2015; CO2 pressurized backpack sprayer (15 GPA, 30 PSI, 11003 AIXR)

Plots: 7.5 ft x 30 ft (RCBD 4 Reps)

Rating scale of 0-100 (% control of weed)

Pest Name			Anl Grasses 4/20/2015	Smooth pw 4/20/2015	Teaweed 4/20/2015	Pitted mg 4/20/2015	Smooth pw 5/29/2015	Teaweed 5/29/2015	Anl Grass 5/29/2015
Rating Date			CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Rating Type			18 DA-A	18 DA-A	18 DA-A	18 DA-A	22 DA-B	22 DA-B	22 DA-B
Trt-Eval Interval									
Treatment	Rate	Appl							
1 Untreated			0 b	0 b	0 b	0 b	0 e	0 c	0 e
2 Acuron	2.5 qt/a	A	79 a	79 a	75 a	78 a	59 cd	66 b	62 c
3 Acuron	2.5 qt/a	A	79 a	79 a	73 a	78 a	51 d	60 b	63 c
Aatrex	1 qt/a	A							
4 Acuron	2.5 qt/a	A	99 a	99 a	93 a	98 a	81 ab	80 a	80 b
N-PAK AMS	2.5 % v/v	B							
Status	5 oz/a	B							
Touchdown Ttl	30 oz/a	B							
5 Anthem ATZ	36 oz/a	A	99 a	99 a	93 a	99 a	66 c	68 b	68 c
6 Verdict	18.1 oz/a	A	99 a	99 a	95 a	99 a	50 d	60 b	30 d
Aatrex	1 qt/a	A							
7 Corvus	5.6 oz/a	A	99 a	99 a	93 a	98 a	77 b	81 a	71 c
Aatrex	1 qt/a	A							
8 Acuron	2.5 qt/a	A	99 a	99 a	93 a	96 a	53 d	60 b	68 c
Princep	1 qt/a	A							
9 Acuron	1.25 qt/a	A	99 a	99 a	89 a	94 a	89 a	87 a	97 a
N-PAK AMS	2.5 % v/v	B							
Acuron	1.25 qt/a	B							
NIS	0.25 % v/v	B							
10 Acuron	1.25 qt/a	A	99 a	99 a	83 a	94 a	89 a	82 a	96 a
N-PAK AMS	2.5 % v/v	B							
Halex GT	3.6 pt/a	B							
NIS	0.25 % v/v	B							
11 Acuron	2 qt/a	A	99 a	99 a	91 a	99 a	82 ab	78 a	70 c
N-PAK AMS	2.5 % v/v	B							
Touchdown Tt	2 pt/a	B							

Means followed by same letter do not significantly differ (P=.05, LSD)