

# University of Tennessee

## New Herbicide Corn Premix - Gibson Co.

Location: UT Ag Research and Education Center (Milan)

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

Application: Appl A 4/2/15; Appl B 4/30/15; CO2 pressurized backpack sprayer (15 gpa, 40 PSI, AIXR 11002)

Plots: 10 ft x 30 ft (RCBD 4 reps)

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

Pest Name	Annual Grasses	Smooth pw	Teaweed	Smooth pw	Pitted mg	Annual Grasses		
Rating Date	4/21/2015	4/21/2015	4/21/2015	5/29/2015	5/29/2015	5/29/2015		
Rating Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL		
Trt-Eval Interval	19 DA-A	19 DA-A	19 DA-A	29 DA-B	29 DA-B	29 DA-B		
Treatment	Rate	Appl						
1 NONTREATED			0 b	0 b	0 b	0 c	0 c	0 d
2 ANTHEM MAXX	3 oz/a	A	99 a	99 a	94 a	83 a	89 a	81 abc
3 ANTHEM MAXX	4 oz/a	A	99 a	99 a	69 a	88 a	82 a	90 ab
4 DUAL II MAGNUM	1.3 pt/a	A	99 a	99 a	84 a	70 b	67 b	66 c
5 ANTHEM MAXX	3 oz/a	A	99 a	99 a	93 a	94 a	98 a	97 a
SOLSTICE	2.5 oz/a	B						
AATREX	1 qt/a	B						
ROUNDUP POWERMAX	22 oz/a	B						
AGRIDEX	1 % v/v	B						
6 ANTHEM MAXX	4 oz/a	A	99 a	99 a	71 a	97 a	93 a	98 a
SOLSTICE	2.5 oz/a	B						
AATREX	1 qt/a	B						
ROUNDUP POWERMAX	22 oz/a	B						
AGRIDEX	1 % v/v	B						
7 ANTHEM MAXX	4 oz/a	B	0 b	0 b	0 b	99 a	98 a	75 bc
AATREX	1 qt/a	B						
AGRIDEX	1 % v/v	B						
8 ANTHEM MAXX	4 oz/a	B	0 b	0 b	0 b	99 a	99 a	99 a
AATREX	1 qt/a	B						
ROUNDUP POWERMAX	22 oz/a	B						
AGRIDEX	1 % v/v	B						
9 SOLSTICE	3.15 oz/a	B	0 b	0 b	0 b	89 a	91 a	76 bc
ROUNDUP POWERMAX	22 oz/a	B						
AGRIDEX	1 % v/v	B						
10 SOLSTICE	2.5 oz/a	B	0 b	0 b	0 b	96 a	98 a	88 ab
AATREX	1 qt/a	B						
ROUNDUP POWERMAX	22 oz/a	B						
AGRIDEX	1 % v/v	B						
11 SOLSTICE	2.5 oz/a	B	0 b	0 b	0 b	98 a	98 a	98 a
ANTHEM	2 oz/a	B						
AATREX	1 qt/a	B						
ROUNDUP POWERMAX	22 oz/a	B						
AGRIDEX	1 % v/v	B						
12 LEXAR EZ	96 oz/a	B	0 b	0 b	0 b	98 a	98 a	83 abc
AGRIDEX	1 % v/v	B						
13 HALEX GT	3.6 pt/a	B	0 b	0 b	0 b	99 a	95 a	98 a
AGRIDEX	1 % v/v	B						

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