Residual Control of Awnless Barnyard Grass

Trial ID: AM0803 **Location:** Billa Billa **Trial Year:** 2008
Investigator: Anthony Mitchell

Objective:	**To evaluate efficacy of residual herbicides against summer weeds in fallow**
Application Date:	**13/11/2008**
Nozzles:	**AIXR110015**
Pressure:	**300 kPa**
Volume:	**71 L/ha**
Weed stage:	**Pre-emergence**
Keywords:	**Awnless barnyard grass, residual, fallow**

Trt No.	Treatment	Product Rate mL or g/ha	Volunteer Wheat	
			20 DAA Plants/m²	35 DAA Plants/m²
1	Untreated	-	49a	1.5
2	Tordon 75D	1000	42ab	0.7
3	Group C D	1000	20cde	0.7
4	Group C D	2000	18cde	1.3
5	Flame	150	5fgh	0.6
6	Flame	200	11ef	0
7	Group C D + Flame	1000 + 150	8efg	0.2
8	Nu-trazine	1000	0hi	0
9	Nu-trazine	1500	1ghi	0
10	Nu-trazine + Flame	1000 + 150	0i	0
11	Group B G	20	34abc	0.1
12	Dual Gold	1000	5fgh	0
13	Balance	100	27bcd	0
14	Group C S	1100	17de	0.7
		P =	0.00	0.84
		LSD =	Arcsin detransform	Log detransform

DAA = Days after Application

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Trt No.	Treatment	Product Rate mL or g/ha	Awnless Barnyard Grass *Echinochloa colona*			
			20 DAA Plants/m²	35 DAA Plants/m²	57 DAA Plants/m²	123 DAA Plants/m²
1	Untreated	-	19.9a	25.3a	3ab	5.7ab
2	Tordon 75D	1000	20.4a	20.6a	5.2a	9.1a
3	Group C D	1000	7.7a	11.4a	0.1cd	3.1bc
4	Group C D	2000	20.2a	3.9b	1.2bc	3.4bc
5	Flame	150	1.1bc	0.1c	0.2cd	2.6cd
6	Flame	200	0.6bc	0.5c	0.4cd	3.1bc
7	Group C D + Flame	1000 + 150	0.3bc	0.1c	0d	0.3e
8	Nu-trazine	1000	0.2c	0.3c	0d	0.7e
9	Nu-trazine	1500	0.5bc	0.4c	0.1cd	1.1de
10	Nu-trazine + Flame	1000 + 150	0c	0c	0d	0.1e
11	Group B G	20	0c	0.1c	0d	0.5e
12	Dual Gold	1000	0c	0c	0d	0.2e
13	Balance	100	0.4bc	0.1c	0d	1de
14	Group C S	1100	2.1b	1.5bc	0.1cd	2.5cd
		P =	0.00	0.00	0.00	0.00
		LSD =	Log detransform	Log detransform	Arcsin detransform	Arcsin detransform