

Disclaimer:

This document is based on the results from an individual trial and may contain experimental use patterns that are currently off-label. **This document does not provide any interpretation and should not be taken as an endorsement of any unregistered use pattern.**

Professional advice should be sought for specific recommendations to ensure access to the most up to date information and knowledge.

Any product referred to in this document must be used strictly as directed, and in accordance with all label or permit instructions. Always consult the label prior to use.

Wild Oat Control in Chickpeas

Trial ID: CFT0914

Location:

Bellata

Trial Year:

2009

Investigator:

Clare Felton-Taylor

Objective:	To evaluate the impact of herbicide and mixing partner for the salvage control of Group A resistant wild oats
Crop:	Chickpea
Application Date:	4/08/2009
Nozzles:	AIXR110015
Application Volume:	70 L/ha
Weed Stage at Application:	Two cohorts: GS11-23 and GS24-32
Keywords:	Wild oats, knockdown, chickpea

Trt No.	Treatment	Product Rate g or mL/ha	Adjuvant	Wild Oats <i>Avena spp.</i>				
				19/08/2009 15 DAA		3/09/2009 30 DAA		29/09/2009 56 DAA
				GS11-23 % Control	GS24-32 % Control	GS11-23 % Control	GS24-32 % Control	Panicles/m ²
1	Untreated	-	-	0e	0d	0e	0d	26.4a
2	Verdict 520	75	0.5% Uptake	53ab	40b	92ab	87a	1.1c
3	Verdict 520	100	0.5% Uptake	47bc	33bc	88ab	88a	0.3c
4	Verdict 520 + Dithane Rainshield	75 + 1000	0.5% Uptake	50b	40b	90ab	87a	0.8c
5	Verdict 520 + Bravo	75 + 500	0.5% Uptake	50b	43ab	87ab	90a	0.2c
6	Status	250	0.5% Uptake	30cd	25c	43c	40b	7.4b
7	Verdict 520 + Status	75 + 250	0.5% Uptake	57ab	43ab	78b	83a	0.3c
8	Verdict 520 + Status	100 + 250	0.5% Uptake	57ab	45ab	92ab	95a	0.4c
9	Verdict 520 + Status + Dithane Rainshield	75 + 250 + 1000	0.5% Uptake	70a	53a	98a	97a	0.1c
10	Verdict 520 + Status + Bravo	75 + 250 + 500	0.5% Uptake	47bc	38b	83ab	87a	0.3c
11	Mataven 90	1250	0.5% Bonza	12de	10d	10de	10cd	17.7ab
12	Mataven 90	1875	0.5% Bonza	12de	10d	17d	17c	15.8ab
P =				0.00	0.00	0.00	0.00	0.00
LSD =				19.71	12.50	15.63	14.61	Log detransf

DAA = Days after Application

Comments:

No indication of resistance to Verdict at this site. No antagonism from tank mixing Dithane or Bravo. Mataven 90 performed poorly when applied for knockdown management of wild oats.