

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.

Mungbean Herbicide Safety Screen

Trial ID: RD1131

Location: Condamine
Investigator: Rob Duncan

Trial Year: 2012

Objective:	To screen herbicides for crop safety in Mungbeans	
Crop:	Mungbean cv. Jade	
Planting Date:	9/01/2012	
Application:	T1	T2
Application Date:	10/01/2012 (Post Sowing, Pre-emergent)	10/02/2012 (3 Leaf Crop Stage)
Interval:	1 DAP	32 DAP
Nozzles:	AIXR110015	
Volume:	70 L/ha	

Trt No.	Treatment	Rate mL or g/ha	Adjuvant	Timing	Mungbean cv. Jade			Common Sowthistle (<i>Sonchus oleraceus</i>)	
					10/02/2012 32 DAP	28/03/2012 79 DAP		28/03/2012 79 DAP	
					Visual Ratings 1-7 Scale (1 = Very Poor, 4 = Average, 7 = Excellent)			Visual Rating (Absent = 0, Present = 1)	
					Emergence/m ²	Crop Density	Height	Biomass	Presence
1	Untreated	-	-	-	1.4	3.8 a	5.3	5.8	0.75
2	Spinnaker	140	-	T1	2.6	2.8 ab	5.3	5.8	0.75
3	Gp C T	700	-	T1	2.1	1.8 bc	5.5	5.8	0
4	Gp C T	1000	-	T1	2.9	1.0 c	6.0	5.7	0
5	Gp C G	2200	-	T1	3.2	2.5 abc	6.0	6.0	0.50
6	Gp B F	150	-	T1	2.6	3.0 ab	5.5	5.8	0.75
7	Gp K D	1500	-	T1	3.5	3.0 ab	6.0	6.0	0.25
8	Gp JK B	2500	-	T1	4.2	3.0 ab	5.8	5.8	0.50
9	Gp C S	750	-	T1	4.0	3.0 ab	5.0	5.5	0.25
10	Blazer	1000	Hasten 1%	T2	3.6	3.3 a	5.5	6.0	0
11	Gp B R	50	Hasten 0.5%	T2	3.9	2.8 ab	5.5	5.3	0.50
P =					0.89	0.08	0.20	0.33	0.10
LSD =					nsd	1.55 (p=10%)	nsd	nsd	nsd

nsd = No significant difference

Treatments sharing the same letter are not significantly different (p=0.10)

DAP = Days after Planting

NB: Heavy rain and waterlogging after planting led to very poor establishment

Trial not harvested