

**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: RD1132

Location: Condamine  
Investigator: Rob Duncan

Trial Year: 2012

Objective:	To screen herbicides for crop safety in Mungbeans	
Crop:	Mungbean cv. Crystal	
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. Crystal			
					10/02/2012 32 DAP  Emergence/m <sup>2</sup>	28/03/2012 79 DAP Visual Ratings 1-7 Scale (1 = Very Poor, 4 = Average, 7 = Excellent)		
						Crop Density	Height	Biomass
1	Untreated	-	-	-	5.9	4.3 b	6.0a	6.0
2	Spinnaker	140	-	PSPE	4.8	3.8 bc	6.0a	6.0
3	Gp C T	700	-	PSPE	4.7	2.3 e	5.8ab	6.0
4	Gp C T	1000	-	PSPE	5.7	1.5	6.0a	5.8
5	Gp C G	2200	-	PSPE	4.2	2.8 d	5.8ab	6.0
6	Gp B F	150	-	PSPE	3.7	3.0 d	6.0a	6.0
7	Gp K D	1500	-	PSPE	6.5	3.3 cd	5.8ab	6.0
8	Gp JK B	2500	-	PSPE	3.0	3.5 bc	6.0a	6.0
9	Gp C S	750	-	PSPE	4.2	3.5 bc	5.8ab	6.0
10	Blazer	1000	Hasten 1%	Post-em	6.6	4.5	6.3a	6.0
11	Gp B R	50	Hasten 0.5%	Post-em	6.4	3.3 cd	5.3b	6.0
P =					0.52	<0.01	0.08	0.47
LSD =					nsd	1.23	0.54 (p=10%)	nsd

nsd = No significant difference

Treatments sharing the same letter are not significantly different (p=5%, unless specified)

DAP = Days after Planting

NB: Heavy rain and waterlogging after planting led to very poor establishment - Trial not harvested