

Mungbeans

Helicoverpa in podding mungbeans

Potential yield loss (beatsheet)

Mungbean crop value (\$/t)	Value of potential yield loss (\$/ha) at larval densities listed below							
	Helicoverpa larvae per square metre (beatsheet)							
	0.5/m ²	1/m ²	1.5/m ²	2/m ²	2.5/m ²	3/m ²	3.5/m ²	4/m ²
350	6	12	18	25	31	37	43	49
400	7	14	21	28	35	42	49	56
450	8	16	24	32	39	47	55	63
500	9	18	26	35	44	53	61	70
550	10	19	29	39	48	58	67	77
600	11	21	32	42	53	63	74	84
650	11	23	34	46	57	68	80	91
700	12	25	37	56	61	74	86	98
750	13	26	39	60	66	79	92	105
800	14	28	42	64	70	84	98	112
850	15	30	45	68	74	89	104	119

Economic thresholds

Control cost (\$/ha)	Helicoverpa thresholds* (larvae/m ²) at mungbean crop values listed below (\$/t)									
	\$400	\$450	\$500	\$550	\$600	\$650	\$700	\$750	\$800	\$850
\$15	1.1	1.0	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5
\$20	1.4	1.3	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.7
\$25	1.8	1.6	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.8
\$30	2.1	1.9	1.7	1.6	1.4	1.3	1.2	1.1	1.1	1.0
\$35	2.5	2.2	2.0	1.8	1.7	1.5	1.4	1.3	1.3	1.2
\$40	2.9	2.5	2.3	2.1	1.9	1.8	1.6	1.5	1.4	1.3
\$45	3.2	2.9	2.6	2.3	2.1	2.0	1.8	1.5	1.6	1.5
\$50	3.6	3.2	2.9	2.6	2.4	2.2	2.0	1.9	1.8	1.7
\$55	3.9	3.5	3.1	2.9	2.6	2.4	2.2	2.1	2.0	1.8
\$60	4.3	3.8	3.4	3.1	2.9	2.6	2.4	2.3	2.1	2.0

* Thresholds based on beatsheet sampling. Yield loss estimate of 35 kg/ha for every larva per square metre (DAFF Qld)