

Soybeans

Helicoverpa in podding soybeans

Potential yield loss (beatsheet)

Soybean crop value (\$/t)	Value of potential yield loss (\$/ha) at larval densities listed below							
	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	7	14	21	28	35	42	49	56
400	8	16	24	32	40	48	56	64
450	9	18	27	36	45	54	63	72
500	10	20	30	40	50	60	70	80
550	11	22	33	44	55	66	77	88
600	12	24	36	48	60	72	84	96
650	13	26	39	52	65	78	91	104
700	14	28	42	56	70	84	98	112
750	15	30	45	60	75	90	105	120
800	16	32	48	64	80	96	112	128
850	17	34	51	68	85	102	119	136

Economic threshold (beatsheet)

Control cost (\$/ha)	Helicoverpa thresholds* (larvae/m ²) at soybean crop values listed below (\$/t)									
	\$350	\$400	\$450	\$500	\$550	\$600	\$650	\$700	\$750	\$800
\$15	1.1	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.5
\$20	1.4	1.3	1.1	1.0	0.9	0.8	0.8	0.7	0.7	0.6
\$25	1.8	1.6	1.4	1.3	1.1	1.0	1.0	0.9	0.8	0.8
\$30	2.1	1.9	1.7	1.5	1.4	1.3	1.2	1.1	1.0	0.9
\$35	2.5	2.2	1.9	1.8	1.6	1.5	1.3	1.3	1.2	1.1
\$40	2.9	2.5	2.2	2.0	1.8	1.7	1.5	1.4	1.3	1.3
\$45	3.2	2.8	2.5	2.3	2.0	1.9	1.7	1.6	1.5	1.4
\$50	3.6	3.1	2.8	2.5	2.3	2.1	1.9	1.8	1.7	1.6
\$55	3.9	3.4	3.1	2.8	2.5	2.3	2.1	2.0	1.8	1.7
\$60	4.3	3.8	3.3	3.0	2.7	2.5	2.3	2.1	2.0	1.9