

**Table 7.** Field test results for MALB lures repellants in Soybean using yellow sticky cards, Rosemount, MN, 2008. Data recorded from sticky cards on 9 dates between 8/19-8/29.

Compound/Rate	<i>n</i>	Cum. Mean MALB/card	SEM
Cis-Jasmone 100µl	36	2.83	0.57
Methyl salicylate 100µl	36	2.69	0.47
β-Caryophyllene 100µl	36	2.64	0.37
Untreated Check	36	2.42	0.45
		NS	

Means within columns followed by the same letter are not significantly different ( $P>0.05$ ); mean separations were obtained using Protected LSD ( $P=0.05$ ).

NS = non significant

**Table 8.** Field #1 test results for MALB lures in Soybean using yellow sticky cards, Rosemount, MN, 2009. Data recorded from sticky cards on 5 dates between 8/11-8/17.

Compound/Rate	<i>n</i>	Cum. Mean MALB/card	SEM
Cis-Jasmone 100µl	15	2.00 c	0.32
Cis-Jasmone 250µl	15	3.07 bc	0.61
Cis-Jasmone 500µl	15	2.13 c	0.40
Methyl salicylate 100µl	15	2.80 bc	0.40
Methyl salicylate 250µl	15	2.20 c	0.39
Methyl salicylate 500µl	15	2.33 c	0.30
β-Caryophyllene 100µl	15	5.13 a	0.68
β-Caryophyllene 250µl	15	4.07 ab	0.45
β-Caryophyllene 500µl	15	5.47 a	0.74
Untreated Check	15	3.00 bc	0.47

Means within columns followed by the same letter are not significantly different ( $P>0.05$ ); mean separations were obtained using Protected LSD ( $P=0.05$ ).

**Table 9.** Field #2 test results for MALB lures and repellants in Soybean using yellow sticky cards, Rosemount, MN, 2009. Data recorded from sticky cards on 5 dates between 8/11-8/17.

Compound/Rate	<i>n</i>	Cum. Mean MALB/card	SEM
Cis-Jasmone 100µl	15	1.93 abc	0.36
Cis-Jasmone 250µl	15	1.20 c	0.24
Cis-Jasmone 500µl	15	1.73 abc	0.38
Methyl salicylate 100µl	15	2.60 ab	0.50
Methyl salicylate 250µl	15	2.33 abc	0.67
Methyl salicylate 500µl	15	2.87 a	0.62
β-Caryophyllene 100µl	15	1.47 c	0.32
β-Caryophyllene 250µl	15	2.80 a	0.58
β-Caryophyllene 500µl	15	2.80 a	0.58
Fast release repellant	15	2.60 ab	0.51
Slow release repellant	15	1.27 c	0.28
Untreated Check	15	1.60 abc	0.39

Means within columns followed by the same letter are not significantly different ( $P>0.05$ ); mean separations were obtained using Protected LSD ( $P=0.05$ ).

**Table 10.** Field test results for MALB lures in Soybean using yellow sticky cards, Rosemount, MN, 2010. Data recorded from sticky cards on 7 dates between 8/10-8/18.

Compound/Rate	<i>n</i>	Cum. Mean MALB/card	SEM
Predalure® – Agbio (Methyl salicylate) 60 mg/day	42	4.29	0.91
Agbio (β-Caryophyllene) 3.5 mg/day	42	3.38	0.67
β-Caryophyllene 500μl (one lure per card)	42	3.21	0.92
β-Caryophyllene 500μl (two lures per card)	42	4.00	1.07
Untreated Check	42	4.48	1.14
		NS	

Means within columns followed by the same letter are not significantly different ( $P>0.05$ ); mean separations were obtained using Protected LSD ( $P=0.05$ ). NS = not significant.

**Table 11.** Field test #2 (late August) results for MALB lures in Soybean using yellow sticky cards, Rosemount, MN, 2010. Data recorded from sticky cards once on 8/23, 3 days after trial was started.

Compound/Rate	<i>n</i>	Cum. Mean MALB/card	SEM
Predalure® – Agbio (Methyl salicylate) 60 mg/day	4	44.75	6.41
Agbio (β-Caryophyllene) 3.5 mg/day	4	56.75	3.52
β-Caryophyllene 500μl (one lure per card)	4	52.00	6.92
Untreated Check	4	43.75	6.75
		NS	

Means within columns followed by the same letter are not significantly different ( $P>0.05$ ); mean separations were obtained using Protected LSD ( $P=0.05$ ). NS = not significant.

**Table 12.** Field test results for MALB lures in Soybean using yellow sticky cards, Rosemount, MN, 2011. Data recorded from sticky cards on 5 dates between 8/16-8/22.

Compound/Rate	<i>n</i>	Cum. Mean MALB/card	SEM
β-Caryophyllene 500μl (one lure per card)	20	2.60 a	0.49
β-Caryophyllene 500μl (two lures per card)	20	2.50 a	0.72
Catnip Oil Repellent	20	2.55 a	0.46
Untreated Check	20	1.10 b	0.33

Means within columns followed by the same letter are not significantly different, ANOVA ( $P>0.05$ ); mean separations were obtained using Protected LSD ( $P=0.05$ ).

**Table 13** Field test results for MALB lures in Soybean using yellow sticky cards, Rosemount, MN, 2012. Data recorded from sticky cards on 5 dates between 8/21-8/27.

Compound/Rate	<i>n</i>	Cum. Mean MALB/card	SEM
$\beta$ -Caryophyllene 500 $\mu$ l (one lure per card)	20	0.20 a	0.09
$\beta$ -Caryophyllene 500 $\mu$ l (two lures per card)	20	0.30 a	0.13
Catnip Oil Repellent	20	0.15 a	0.08
Untreated Check	20	0.35 a	0.15

Means within columns followed by the same letter are not significantly different, ANOVA ( $P>0.05$ ); mean separations were obtained using Protected LSD ( $P=0.05$ ).