

2009 Codling Moth and Lesser Appleworm Trap Reports

Waterman Farm, Columbus, Franklin Co, Ohio

Codling moth					Codling moth DA	Lesser appleworm			Cumulative degree days (base 50F) after biofix e
Date a	trap 1	trap 2	trap 3	mean of 3 traps	trap 1	trap 1	trap 2	mean of 2 traps	
Trap type b	MP3	MP3	MP3		MP3	MP3	MP3		
Lure type c	TrStd	TrStd	TrStd		TrDA	TrStd	TrStd		
Site d	Y	Y	O		Y	Y	O		
24-Apr	0	0	0	0	0	0	0	0	
27-Apr	0	0	0	0	0	0	0	0	
29-Apr	0	0	0	0	0	1	2	1.5	
1-May	0	0	0	0	0	0	0	0	
4-May	0	0	0	0	0	0	1	0.5	
6-May	0	1	0	0.3	0	3	2	2.5	
8-May	0	1	0	0.3	0	1	3	2	
11-May	1	0	1	0.7	1	6	2	4	8
13-May	0	0	0	0	0	2	3	2.5	27
15-May	3	1	0	1.3	0	1	10	5.5	57
18-May	0	2	1	1	2	11	29	20	81
20-May	2	0	0	0.7	0	3	7	5	108
22-May	3	2	2	2.3	2	24	43	33.5	145
25-May	2	5	3	3.3	1	84	103	93.5	210
27-May	4	2	2	2.7	0	8	20	14	256
29-May	2	0	0	0.7	2	42	40	41	291
1-Jun	0	5	2	2.3	0	29	46	37.5	333
3-Jun	0	3	5	2.7	1	17	17	17	363
5-Jun	0	0	0	0	1	2	3	2.5	386
8-Jun	4	4	4	4	0	23	28	25.5	444
10-Jun	1	1	1	1	2	23	25	24	490
12-Jun	1	0	0	0.3	0	15	13	14	525
15-Jun	1	2	0	1	2	8	12	10	574
17-Jun	0	0	0	0	1	8	7	7.5	620
19-Jun	0	0	0	0	0	3	8	5.5	666
22-Jun	0	2	1	1	2	5	2	3.5	739
24-Jun	1	0	1	0.7	0	2	0	1	788
26-Jun	0	0	2	0.7	0	3	3	3	845
29-Jun	0	0	0	0	0	2	1	1.5	915
1-Jul	1	0	1	0.7	0	1	0	0.5	949
4-Jul	1	0	1	0.7	0	0	3	1.5	996
6-Jul	1	0	0	0.3	0	3	3	3	1038
8-Jul	0	0	1	0.3	0	5	3	4	1076
10-Jul	0	1	0	0.3	0	4	3	3.5	1121
13-Jul	1	2	0	1	0	1	6	3.5	1183
15-Jul	2	0	0	0.7	0	1	0	0.5	1220

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Date a	trap 1	trap 2	trap 3	mean of 3 traps	trap 1	trap 1	trap 2	mean of 2 traps	
17-Jul	3	0	0	1	0	2	2	2	1266
20-Jul	3	2	4	3	1	1	4	2.5	1314
22-Jul	8	0	5	4.3	0	1	2	1.5	1349
24-Jul	2	2	0	1.3	0	0	1	0.5	1389
27-Jul	7	4	2	4.3	3	5	5	5	1452
29-Jul	4	2	1	2.3	0	3	2	2.5	1498
31-Jul	6	1	0	2.3	1	4	2	3	1542
3-Aug	13	7	5	8.3	2	3	0	1.5	1596
5-Aug	10	3	2	5	1	0	2	1	1641
7-Aug	4	4	1	3	1	2	1	1.5	1674
10-Aug	3	4	1	2.6	0	1	1	1	1759
12-Aug	3	2	2	2.3	0	7	1	4	1810
14-Aug	3	4	0	2.3	0	3	3	3	1853
17-Aug	4	5	2	3.7	2	5	6	5.5	1934
19-Aug	0	1	0	0.3	0	0	7	3.5	1987
21-Aug	2	1	0	1	0	0	3	1.5	2038
24-Aug	1	1	1	1	6	3	3	3	2081
26-Aug	3	0	0	1	0	0	1	0.5	2123
28-Aug	0	1	0	0.3	0	0	4	2	2169
31-Aug	2	2	0	1.3	0	0	0	0	2206
2-Sep	4	1	0	1.7	0	0	1	0.5	2232
4-Sep	2	1	0	1	0	0	1	0.5	2261
7-Sep	1	0	1	0.7	0	1	6	3.5	2316
9-Sep	0	2	0	0.7	0	0	0	0	2356
11-Sep	1	1	0	0.7	0	1	1	1	2387
14-Sep	1	2	1	1.3	0	1	1	1	2431
16-Sep	0	1	0	0.3	1	2	0	1	2467
18-Sep	1	1	0	0.7	0	0	0	0	2494
21-Sep	1	2	0	1	0	0	0	0	2541
23-Sep	1	0	0	0.3	0	0	0	0	2589
25-Sep	0	0	0	0	0	0	0	0	2622
28-Sep	0	0	0	0	0	0	0	0	2660
30-Sep	0	0	0	0	0	0	0	0	2665

a Phenology: silver tip 3/17; green-tip 3/19; half-inch green 3/27; tight cluster 4/6; pink 4/13; bloom 4/22 ; petal fall 5/1.

b Trap type: MP3 = MultiPher-3 funnel trap (small round openings)

c Lure type: TrStd = Trece brand, standard (4 week replacement)

TrLL = Trece brand, long life (8 week replacement)

TrDA =Trece brand, DA/combo (8 week replacement)

d Site: Y = in untreated check plots in young orchard.

O = in untreated check plot in older orchard 50 meters from young orchard.

e Degree-days calculated as mean of daily maximum and minimum temperature, base 50F, with threshold temperature substituted for minimum temperature if actual minimum below threshold.