

Cecilius Degree-Day / Development Table for Codling Moth – NO BIOFIX Model

G1 ▲			G2 ▲			G3 ▲		
DD Cecilius From 1 Jan	% Moth Flight	% Egg Hatch	DD Cecilius From 1 Jan	% Moth Flight	% Egg Hatch	DD Cecilius From 1 Jan	% Moth Flight	% Egg Hatch
97	1	0	531	100	94	964	81	46
108	2	0	542	100	95	975	83	50
119	4	0	553	0	96	986	85	53
131	7	0	564	0	97	997	87	56
142	10	0	575	1	97	1008	88	60
153	15	0	586	1	98	1019	90	63
164	19	0	597	1	98	1031	91	66
175	24	0	608	2	99	1042	92	69
186	29	0	619	2	99	1053	93	71
197	35	0	631	3	99	1064	94	74
208	40	0	642	4	99	1075	95	76
219	45	1	653	5	100	1086	96	79
231	50	2	664	6	100	1097	97	81
242	52	3	675	7	0	1108	98	83
253	54	4	686	9	0	1119	98	85
264	59	6	697	11	0	1131	99	86
275	63	9	708	13	1	1142	100	88
286	67	12	719	15	1	1153	0	89
297	70	20	731	18	2	1164	1	91
308	73	25	742	20	2	1175	2	92
319	77	30	753	23	3	1186	2	93
331	80	35	764	26	3	1197	3	94
342	83	40	775	29	4	1208	4	95
353	85	45	786	33	5	1219	5	96
364	88	49	797	36	7	1231	6	97
375	90	54	808	39	8	1242	8	97
386	91	58	819	43	10	1253	9	98
397	93	62	831	46	11	1264	10	99
408	94	66	842	50	14	1275	12	100
419	95	70	853	53	16	1286	14	100
431	96	73	864	56	18	1297	15	1
442	97	77	875	60	21	1308	17	2
453	98	80	886	63	24	1319	20	3
464	98	82	897	66	27	1331	22	3
475	99	85	908	69	30	1342	24	4
486	99	87	919	72	33	1353	26	5
497	99	89	931	77	36	1364	29	7
508	100	91	942	77	40	1375	31	8
519	100	92	953	79	43	1386	34	9

Table shows the relationship between the accumulated degree-days above 10 °C since January 1 and percentage of moth flight and egg hatch. Black arrows indicate start of each generation of moth flight: first (G1), second (G2) & third (G3). Controls target egg hatch. (Judd – 2011)