

# IPPC uspest.org/cgi-bin/ddmodel.pl phenology model/degree-day calculator usage

Number of model and calculator runs per year since 1999 (2001 not available), 2012 until 8/5/2012. Home page at <http://uspest.org/wea>

Abbrev	Species	1999	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012 (to 8/5)	Total
aaa	degree-day calculator	454	3219	5697	5143	7536	7168	6836	6358	10007	10277	10520	18227	27132	118,574
am1	apple maggot 1st emerge	0	0	0	0	36	72	76	57	56	68	445	541	902	2,253
am2	apple maggot percent emerge	0	0	0	0	14	39	20	19	15	31	62	140	282	622
asc	apple scab	11	101	135	129	76	81	121	110	184	137	868	1044	1930	4,927
asp	pear scab infection season	0	0	355	343	315	259	146	114	102	140	285	347	726	3,132
baw	bertha armyworm	3	5	7	8	9	2	10	4	7	4	208	119	220	606
bcw	black cutworm	1	15	7	3	10	12	27	5	18	21	294	463	671	1,547
bms	brown marmorated stink bug	0	0	0	0	0	0	0	0	0	0	0	263	465	728
brl	Barley	0	0	10	25	20	1	10	6	7	23	110	37	98	347
cbl	cabbage looper	6	3	6	25	17	14	73	11	21	22	180	159	293	830
cew	corn earworm	19	16	70	26	30	25	103	17	42	29	151	270	439	1,237
cf2	west. cherry fruit fly v2	0	0	0	3	0	0	2	102	217	170	302	551	1043	2,390
cff	western cherry fruit fly	5	120	160	187	223	211	244	224	189	172	285	399	672	3,091
chk	ChickPea Desi only intrmd grwth	0	0	25	3	3	5	5	1	5	5	5	3	10	70
cl2	codling moth v2	0	0	0	0	0	0	0	616	530	484	880	1179	1763	5,452
cl3	codling moth no biofix	0	0	0	0	0	0	0	0	0	399	1443	1749	3238	6,829
clb	cereal leaf beetle	0	0	0	0	0	0	0	0	0	0	347	685	731	1,763
clm	codling moth	83	1123	1903	2011	2346	1754	1755	2490	2110	1690	2972	2557	5339	28,133
cm1	cabbage maggot	0	0	0	0	0	0	10	53	62	72	291	1280	1863	3,631
cnl	Canola-Argentine	0	0	5	9	9	0	12	7	11	11	107	6	8	185
cnp	Canola-Polish indet. growth	0	0	1	2	5	1	5	1	5	0	14	3	4	41
cnr	Canary	0	0	1	0	1	0	1	0	6	1	24	20	24	78
db	downy brome	0	46	21	11	54	51	63	42	27	34	288	759	921	2,317
dnm	Douglas-fir needle midge	0	0	0	0	0	0	0	0	0	0	0	60	216	276
eab	emerald ash borer	0	0	0	0	0	0	0	0	0	6	257	432	578	1,273
eb1	early blight of potato	0	0	0	0	0	0	0	0	0	0	0	2022	2557	4,579
egm	european grapevine moth	0	0	0	0	0	0	0	0	0	0	79	859	1459	2,397
eps	european pine shoot moth	2	68	39	41	135	256	91	77	71	107	57	132	176	1,252
fbf	Fenders blue butterfly	0	0	0	0	0	0	0	0	0	0	0	0	230	230
fb1	cougablight (fire blight)	17	300	651	1116	760	551	263	650	774	562	774	695	1190	8,303
fbw	filbertworm	25	119	120	107	159	205	119	160	143	172	567	528	895	3,319
flx	Flax	0	0	0	2	0	3	7	0	6	1	36	2	2	59
ftl	fruittree leafroller	0	0	0	0	0	0	0	0	0	2	17	46	49	114
gm1	gypsy moth egg hatch	0	0	0	0	0	0	0	0	9	3	12	103	204	331
gm2	gypsy moth larvae & pupae	0	0	0	0	0	0	0	0	14	14	13	96	223	360
gm3	gypsy moth Sheehan-simplified	0	0	0	0	0	0	0	0	0	35	475	1133	2039	3,682
hdm	hop downy mildew	0	0	0	0	0	0	0	0	0	0	148	1060	1435	2,643
ism	isomate-c+	3	25	14	11	12	7	5	7	7	4	20	4	98	217
lba	Light brown apple moth	0	0	0	0	0	0	0	0	0	0	0	0	18	18
lnt	Lentil-intermed grwth chars	0	0	3	0	1	3	5	0	1	16	25	6	12	72
lsu	lacanobia fruitworm	0	0	0	0	0	1	4	2	2	0	9	22	25	65
lyg	Lygus bug [alfalfa seed]	0	0	106	103	64	112	80	61	141	201	227	281	427	1,803
mfb	mint flea beetle	0	7	23	18	29	61	23	17	33	11	91	57	128	498
moc	Metaseiulus occidentalis	0	5	0	3	0	1	17	0	2	0	18	3	4	53
mr1	mint root borer	0	8	14	3	22	9	15	4	20	14	65	242	372	788
msj	Mustard-Brown+Orntl indet grwth	0	0	0	1	2	1	4	10	1	2	1	3	3	28
msy	Mustard-Yellow indet grwth	0	0	3	6	1	2	2	3	1	10	6	3	15	52
nfa	Neoseiulus fallacis	0	12	7	8	6	3	4	6	3	0	11	14	15	89
oat	Oat	0	0	1	8	2	2	5	12	1	3	127	77	76	314
ob2	obliquebanded leafroller no.2	15	108	613	322	271	109	121	54	67	49	270	390	533	2,922
obl	obliquebanded leafroller no.1	2	15	17	12	11	22	11	15	15	8	254	285	472	1,139
ofm	oriental fruit moth	0	0	0	1	22	7	14	10	25	26	80	90	254	529
olt	omnivorous leaftier	0	0	0	0	0	0	0	0	0	0	0	0	219	219
otc	orange tortrix (cold winter)	1	17	3	5	98	14	34	15	17	21	16	33	39	313
otm	orange tortrix (mild winter)	1	11	47	45	48	30	70	62	53	204	288	256	486	1,601
pcb	pecan nut casebearer	0	0	0	0	0	0	0	0	0	9	163	119	119	410
pea	Pea (yellow)	0	0	1	5	2	2	5	1	7	25	193	196	302	739
plr	Pandemis leafroller	0	53	29	4	3	8	4	3	6	3	66	9	22	210
psb	pine shoot beetle	0	0	0	0	0	0	0	0	0	0	0	26	53	79
ptb	peach twig borer	0	0	0	0	0	0	0	0	46	36	127	84	159	452
saf	Safflower (Saffire)	0	0	51	3	3	3	9	10	2	0	0	15	17	113
sbr	small broomrape	0	0	0	0	6	19	6	33	11	14	5	116	170	380
scn	sweet corn	22	34	79	232	276	332	349	219	617	183	341	422	608	3,714
sjs	San Jose scale	9	195	328	143	205	38	41	50	73	196	112	121	197	1,708
snf	Sunflower early maturing only	0	0	2	2	4	1	3	6	6	4	8	25	47	108
srm	sugarbeet root maggot	0	0	70	75	47	28	56	8	12	27	45	37	72	477
srw	strawberry root weevil	20	38	39	43	39	58	21	47	13	21	39	86	219	683
srx	strawberry root weevil (mint)	0	0	0	0	13	26	20	34	33	11	179	677	815	1,808
ssw	sunflower stem weevil	0	0	0	0	0	0	0	0	0	0	0	30	45	75
swd	spotted wing Drosophila	0	0	0	0	0	0	0	0	0	0	1808	3511	5785	11,104
sw1	spot. wing Dros. OW Mortal.	0	0	0	0	0	0	0	0	0	0	0	126	205	331
vcw	variegated cutworm	3	11	13	4	14	9	8	8	7	3	96	497	719	1,392
wbc	western bean cutworm	0	0	0	0	0	0	0	0	0	0	103	198	278	579
wft	western flower thrips	0	0	0	0	0	0	0	0	0	0	0	442	1302	1,744
whb	Wheat (Bauer spring wheat)	0	0	0	0	0	0	0	0	0	0	0	0	12	12
whf	walnut husk fly	0	0	0	0	0	0	0	0	12	13	96	55	87	263
whr	Wheat R	0	0	27	58	25	69	63	15	33	38	290	538	624	1,780
wh1	winter wheat	8	40	94	61	36	106	73	27	108	198	382	730	764	2,627
<b>Total runs all models/calculator:</b>		<b>710</b>	<b>5,714</b>	<b>10,797</b>	<b>10,370</b>	<b>13,020</b>	<b>11,793</b>	<b>11,071</b>	<b>11,863</b>	<b>16,013</b>	<b>16,042</b>	<b>28,077</b>	<b>47,795</b>	<b>75,844</b>	<b>259,109</b>