

# 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). Home page at <http://uspest.org/wea>

Abbr	Species	1999	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
aaa	degree-day calculator	454	3219	5697	5143	7536	7168	6836	6358	10007	10277	10520	18227	11559	10511	113,512
acp	asian citrus psyllid	0	0	0	0	0	0	0	0	0	0	0	0	0	244	244
am1	apple maggot 1st emerge	0	0	0	0	36	72	76	57	56	68	445	541	311	369	2,031
am2	apple maggot percent emerge	0	0	0	0	14	39	20	19	15	31	62	140	155	159	654
asc	apple scab	11	101	135	129	76	81	121	110	184	137	868	1044	889	1609	5,495
asp	pear scab infection season	0	0	355	343	315	259	146	114	102	140	285	347	453	381	3,240
baw	bertha armyworm	3	5	7	8	9	2	10	4	7	4	208	119	165	129	680
bcw	black cutworm	1	15	7	3	10	12	27	5	18	21	294	463	295	454	1,625
bms	brown marmorated stink bug	0	0	0	0	0	0	0	0	0	0	0	263	351	465	1,079
brl	Barley	0	0	10	25	20	1	10	6	7	23	110	37	56	162	467
cbl	cabbage looper	6	3	6	25	17	14	73	11	21	22	180	159	157	285	979
cew	corn earworm	19	16	70	26	30	25	103	17	42	29	151	270	262	391	1,451
cf2	west. cherry fruit fly v2	0	0	0	3	0	0	2	102	217	170	302	551	649	403	2,399
cff	western cherry fruit fly	5	120	160	187	223	211	244	224	189	172	285	399	353	544	3,316
chk	ChickPea Desi only intrmd grwth	0	0	25	3	3	5	5	1	5	5	5	3	14	23	97
cl2	codling moth v2	0	0	0	0	0	0	0	616	530	484	880	1179	678	412	4,779
cl3	codling moth no biofix	0	0	0	0	0	0	0	0	0	399	1443	1749	1757	1861	7,209
clb	cereal leaf beetle	0	0	0	0	0	0	0	0	0	0	347	685	165	253	1,450
clm	codling moth	83	1123	1903	2011	2346	1754	1755	2490	2110	1690	2972	2557	3128	2773	28,695
cm1	cabbage maggot	0	0	0	0	0	0	10	53	62	72	291	1280	1054	1550	4,372
cnl	Canola-Argentine	0	0	5	9	9	0	12	7	11	11	107	6	12	104	293
cnp	Canola-Polish indet. growth	0	0	1	2	5	1	5	1	5	0	14	3	10	19	66
cnr	Canary	0	0	1	0	1	0	1	0	6	1	24	20	7	66	127
db	downy brome	0	46	21	11	54	51	63	42	27	34	288	759	320	281	1,997
dnm	Douglas-fir needle midge	0	0	0	0	0	0	0	0	0	0	0	60	219	473	752
eab	emerald ash borer	0	0	0	0	0	0	0	0	0	6	257	432	253	516	1,464
ebl	early blight of potato	0	0	0	0	0	0	0	0	0	0	0	2022	945	1340	4,307
egm	european grapevine moth	0	0	0	0	0	0	0	0	0	0	79	859	733	1105	2,776
eps	european pine shoot moth	2	68	39	41	135	256	91	77	71	107	57	132	105	322	1,503
fbf	Fenders blue butterfly	0	0	0	0	0	0	0	0	0	0	0	0	236	116	352
fbl	cougarblight (fire blight)	17	300	651	1116	760	551	263	650	774	562	774	695	505	1019	8,637
fbw	filbertworm	25	119	120	107	159	205	119	160	143	172	567	528	434	402	3,260
flx	Flax	0	0	0	2	0	3	7	0	6	1	36	2	5	50	112
ftl	fruittree leafroller	0	0	0	0	0	0	0	0	0	2	17	46	15	367	447
gca	Galerucella californiensis	0	0	0	0	0	0	0	0	0	0	0	0	0	584	584
gm1	gypsy moth egg hatch	0	0	0	0	0	0	0	0	9	3	12	103	111	161	399
gm2	gypsy moth larvae & pupae	0	0	0	0	0	0	0	0	14	14	13	96	136	148	421
gm3	gypsy moth Sheehan-simplified	0	0	0	0	0	0	0	0	0	35	475	1133	1194	1516	4,353
hdm	hop downy mildew	0	0	0	0	0	0	0	0	0	0	148	1060	392	57	1,657
ism	isomate-c+	3	25	14	11	12	7	5	7	7	4	20	4	97	21	237
lba	Light brown apple moth	0	0	0	0	0	0	0	0	0	0	0	0	72	182	254
lnt	Lentil-intermed grwth chars	0	0	3	0	1	3	5	0	1	16	25	6	8	17	85
lsu	lacanobia fruitworm	0	0	0	0	0	1	4	2	2	0	9	22	9	84	133
lyg	Lygus bug [alfalfa seed]	0	0	106	103	64	112	80	61	141	201	227	281	177	245	1,798
mfb	mint flea beetle	0	7	23	18	29	61	23	17	33	11	91	57	85	131	586
moc	Metaseiulus occidentalis	0	5	0	3	0	1	17	0	2	0	18	3	6	17	72
mrb	mint root borer	0	8	14	3	22	9	15	4	20	14	65	242	202	209	827
msj	Mustard-Brown+Orntl indet grwth	0	0	0	1	2	1	4	10	1	2	1	3	10	15	50
msy	Mustard-Yellow indet grwth	0	0	3	6	1	2	2	3	1	10	6	3	24	19	80
nfa	Neoseiulus fallacis	0	12	7	8	6	3	4	6	3	0	11	14	15	67	156
oat	Oat	0	0	1	8	2	2	5	12	1	3	127	77	26	168	432
ob2	obliquebanded leafroller no.2	15	108	613	322	271	109	121	54	67	49	270	390	245	270	2,904
obl	obliquebanded leafroller no.1	2	15	17	12	11	22	11	15	15	8	254	285	235	379	1,281
ofm	oriental fruit moth	0	0	0	1	22	7	14	10	25	26	80	90	188	229	692
olt	omnivorous leaftier	0	0	0	0	0	0	0	0	0	0	0	0	345	611	956
otc	orange tortrix (cold winter)	1	17	3	5	98	14	34	15	17	21	16	33	8	86	368
otm	orange tortrix (mild winter)	1	11	47	45	48	30	70	62	53	204	288	256	536	289	1,940
pcb	pecan nut casebearer	0	0	0	0	0	0	0	0	0	9	163	119	12	72	375
pea	Pea (yellow)	0	0	1	5	2	2	5	1	7	25	193	196	413	512	1,362
plr	Pandemis leafroller	0	53	29	4	3	8	4	3	6	3	66	9	25	76	289
psb	pine shoot beetle	0	0	0	0	0	0	0	0	0	0	0	26	60	221	307
ptb	peach twig borer	0	0	0	0	0	0	0	0	46	36	127	84	105	209	607
saf	Safflower (Saffire)	0	0	51	3	3	3	9	10	2	0	0	15	6	18	120
sbr	small broomrape	0	0	0	0	6	19	6	33	11	14	5	116	62	65	337
scn	sweet corn	22	34	79	232	276	332	349	219	617	183	341	422	394	781	4,281
sjs	San Jose scale	9	195	328	143	205	38	41	50	73	196	112	121	94	126	1,731
snf	Sunflower early maturing only	0	0	2	2	4	1	3	6	6	4	8	25	42	46	149
srn	sugarbeet root maggot	0	0	70	75	47	28	56	8	12	27	45	37	52	125	582
srw	strawberry root weevil	20	38	39	43	39	58	21	47	13	21	39	86	144	143	751
srx	strawberry root weevil (mint)	0	0	0	0	13	26	20	34	33	11	179	677	125	185	1,303
ssw	sunflower stem weevil	0	0	0	0	0	0	0	0	0	0	0	30	16	99	145

swd	spotted wing Drosophila	0	0	0	0	0	0	0	0	0	1808	3511	3125	5319	13,763	
sw1	spot. wing Dros. OW Mortal.	0	0	0	0	0	0	0	0	0	0	126	107	118	351	
vcw	variegated cutworm	3	11	13	4	14	9	8	8	7	3	96	497	293	429	1,395
wbc	western bean cutworm	0	0	0	0	0	0	0	0	0	0	103	198	138	298	737
wft	western flower thrips	0	0	0	0	0	0	0	0	0	0	442	1029	1214	2,685	
whb	Wheat (Bauer spring wheat)	0	0	0	0	0	0	0	0	0	0	0	17	75	92	
whf	walnut husk fly	0	0	0	0	0	0	0	12	13	96	55	50	127	353	
whr	Wheat R	0	0	27	58	25	69	63	15	33	38	290	538	133	132	1,421
wht	winter wheat	8	40	94	61	36	106	73	27	108	198	382	730	186	411	2,460

<b>Total runs 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>36,999</b>	<b>45,464</b>	<b>265,728</b>
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