

IPPC uspest.org/cig-bin/ddmodel.us and dd/model Phenology model/degree-day calculator usage (2001 NA, odd yrs 2003-11 not shown)

2018

Abv	Species	1999	2000	2002	2004	2006	2008	2010	2012	2013	2014	2015	2016	2017	(to Jun1)	Totals
aaa	degree-day calculator	454	3219	5697	7536	6836	10007	10520	11559	10511	12884	25702	27041	28822	16049	224,010
acp	asian citrus psyllid	0	0	0	0	0	0	0	0	244	450	412	292	827	49	2,274
alb	asian longhorned beetle	0	0	0	0	0	0	0	0	0	0	0	0	119	31	150
am1	apple maggot 1st emerge	0	0	0	36	76	56	445	311	369	528	324	312	403	135	3,733
am2	apple maggot percent emerge	0	0	0	14	20	15	62	155	159	252	216	162	150	20	1,454
asc	apple scab	11	101	135	76	121	184	868	889	1609	2041	1343	1051	1112	764	11,806
asp	pear scab infection season	0	0	355	315	146	102	285	453	381	553	314	250	322	173	4,852
aw1	alfalfa weevil #1	0	0	0	0	0	0	0	0	0	0	155	288	361	147	951
baw	bertha armyworm	3	5	7	9	10	7	208	165	129	227	133	130	69	19	1,258
bcw	black cutworm	1	15	7	10	27	18	294	295	454	599	486	240	225	38	3,213
bms	brown marmorated stink bug	0	0	0	0	0	0	0	351	465	380	468	293	562	84	2,866
bra	broccoli-Arcadia	0	0	0	0	0	0	0	0	0	0	45	431	172	37	685
bre	broccoli-Emerald Pride	0	0	0	0	0	0	0	0	0	0	0	187	70	31	290
brg	broccoli-Green Magic	0	0	0	0	0	0	0	0	0	0	20	249	161	29	459
bri	broccoli-Imperial	0	0	0	0	0	0	0	0	0	0	6	92	140	23	261
brl	Barley	0	0	10	20	10	7	110	56	162	103	64	143	95	33	905
cbl	cabbage looper	6	3	6	17	73	21	180	157	285	304	115	133	132	36	1,699
cew	corn earworm	19	16	70	30	103	42	151	262	391	432	338	240	269	42	2,772
cf2	west. cherry fruit fly v2	0	0	0	0	2	217	302	649	403	828	346	1217	1227	1802	7,819
cff	western cherry fruit fly	5	120	160	223	244	189	285	353	544	690	356	281	341	98	5,082
chk	ChickPea Desi intrmd grwth	0	0	25	3	5	5	5	14	23	65	43	108	112	3	428
cl2	codling moth v2	0	0	0	0	0	530	880	678	412	623	561	1451	1572	1992	10,978
cl3	codling moth no biofix	0	0	0	0	0	0	1443	1757	1861	2543	1496	1079	1288	668	14,283
clb	cereal leaf beetle	0	0	0	0	0	0	347	165	253	470	552	218	314	92	3,096
clm	codling moth	83	1123	1903	2346	1755	2110	2972	3128	2773	3145	2193	2765	2710	2729	42,237
cm1	cabbage maggot	0	0	0	0	10	62	291	1054	1550	1517	747	182	354	35	7,207
cmds	cucumber-Mktdmore 76 (dir. seed)	0	0	0	0	0	0	0	0	0	0	0	71	87	10	168
cnl	Canola-Argentine	0	0	5	9	12	11	107	12	104	101	165	127	66	11	763
cnp	Canola-Polish indet. growth	0	0	1	5	5	5	14	10	19	86	44	104	37	5	342
cnr	Canary	0	0	1	1	1	6	24	7	66	63	36	74	22	4	326
cuco	cucumber-Cobra (dir. seed)	0	0	0	0	0	0	0	0	0	0	0	76	57	10	143
cmtp	cucumber-Mktdmore 76 (trnsplant)	0	0	0	0	0	0	0	0	0	0	0	113	44	37	194
cuda	cucumber-Dasher II (dir. seed)	0	0	0	0	0	0	0	0	0	0	0	26	67	13	106
cuza	cucumber-Zapata (dir. seed)	0	0	0	0	0	0	0	0	0	0	0	36	12	8	56
cuex	cucumber-Extreme (dir. seed)	0	0	0	0	0	0	0	0	0	0	0	27	60	15	102
cusu	cucumber-Supremo (dir. seed)	0	0	0	0	0	0	0	0	0	0	0	13	35	5	53
db	downy brome	0	46	21	54	63	27	288	320	281	298	155	190	116	16	2,772
dca	Diorhabda carinulata	0	0	0	0	0	0	0	0	0	0	0	0	200	156	356
dnm	Douglas-fir needle midge	0	0	0	0	0	0	0	219	473	371	353	171	119	46	1,812
eab	emerald ash borer	0	0	0	0	0	0	257	253	516	498	592	383	603	296	3,836
eb1	early blight of potato	0	0	0	0	0	0	0	945	1340	1299	590	175	288	31	6,690
egm	european grapevine moth	0	0	0	0	0	0	79	733	1105	1170	616	389	337	151	5,439
eps	european pine shoot moth	2	68	39	135	91	71	57	105	322	400	394	138	212	46	2,693
fb1	Fenders blue butterfly	0	0	0	0	0	0	0	236	116	270	61	163	91	3	940
fbl	cougarblight (fire blight)	17	300	651	760	263	774	774	505	1019	915	570	893	587	580	12,182
fbw	filbertworm	25	119	120	159	119	143	567	434	402	412	310	478	399	73	4,932
flx	Flax	0	0	0	0	7	6	36	5	50	59	42	93	95	10	411
ftl	fruittree leafroller	0	0	0	0	0	0	17	15	367	892	505	263	229	98	2,434
gca	Galerucella californiensis	0	0	0	0	0	0	0	0	584	361	88	181	112	207	1,533
gm1	gypsy moth egg hatch	0	0	0	0	0	9	12	111	161	108	80	133	114	29	863
gm2	gypsy moth larvae & pupae	0	0	0	0	0	14	13	136	148	61	51	86	135	9	763
gm3	gypsy moth Sheehan-simplified	0	0	0	0	0	0	475	1194	1516	1968	1848	1480	1854	1182	12,685
hdm	hop downy mildew	0	0	0	0	0	0	148	392	57	236	185	277	274	169	2,798
hns	hairy nightshade	0	0	0	0	0	0	0	0	0	0	0	142	78	16	236
ism	isomate-c+	3	25	14	12	5	7	20	97	21	57	65	116	40	5	520
jkp	Japanese knotweed psyllid	0	0	0	0	0	0	0	0	0	0	0	0	28	3	31
jpb	Japanese beetle	0	0	0	0	0	0	0	0	0	0	481	191	331	211	1,214
jpsb	Japanese pine sawyer beetle	0	0	0	0	0	0	0	0	0	0	0	104	222	27	353
lba	light brown apple moth	0	0	0	0	0	0	0	72	182	272	288	124	231	36	1,205
lbq	lambsquarter	0	0	0	0	0	0	0	0	0	0	0	43	52	17	112
lnt	Lentil-intermed grwth chars	0	0	3	1	5	1	25	8	17	68	57	93	69	8	380
lsu	Lacanobia fruitworm	0	0	0	0	4	2	9	9	84	63	38	97	88	8	427
lyg	Lygus bug [alfalfa seed]	0	0	106	64	80	141	227	177	245	357	329	283	554	216	3,537
mfb	mint flea beetle	0	7	23	29	23	33	91	85	131	137	80	110	101	7	1,021
mmb	mummy berry infection season	0	0	0	0	0	0	0	0	52	213	72	69	20	20	426
moc	Metaseiulus occidentalis	0	5	0	0	17	2	18	6	17	75	47	96	111	6	407
mr1	mint root borer	0	8	14	22	15	20	65	202	209	288	206	517	162	16	2,016
msj	Mustard-Brwn+Orntl indgrwth	0	0	0	2	4	1	1	10	15	62	46	79	55	5	297
msy	Mustard-Yellow indet grwth	0	0	3	1	2	1	6	24	19	66	55	82	60	3	346
nfa	Neoseiulus fallacis	0	12	7	6	4	3	11	15	67	78	51	70	61	3	419
oab	oak ambrosia beetle	0	0	0	0	0	0	0	0	0	0	0	83	164	21	268
oat	Oat	0	0	1	2	5	1	127	26	168	131	51	86	56	9	765
ob2	obliquebanded leafroller no.2	15	108	613	271	121	67	270	245	270	544	312	1142	1430	1680	8,012

obl	obliquebanded leafroller no.1	2	15	17	11	11	15	254	235	379	422	204	139	127	53	2,226
ofm	oriental fruit moth	0	0	0	22	14	25	80	188	229	284	176	1079	1254	1675	5,160
olt	omnivorous leaftier	0	0	0	0	0	0	0	345	611	548	299	157	125	61	2,146
otc	orange tortrix (cold winter)	1	17	3	98	34	17	16	8	86	115	78	90	126	14	791
otm	orange tortrix (mild winter)	1	11	47	48	70	53	288	536	289	3623	2038	1237	3174	1770	13,782
owbw	old world bollworm (H. armigera)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38
pbo	pink bollworm	0	0	0	0	0	0	0	0	0	0	0	31	77	46	18
pcb	pecan nut casebearer	0	0	0	0	0	0	163	12	72	82	206	84	221	38	1,006
pea	Pea (yellow)	0	0	1	2	5	7	193	413	512	644	542	113	83	32	2,776
plr	Pandemis leafroller	0	53	29	3	4	6	66	25	76	76	71	978	1106	1505	4,025
ppbk	Pepper-Bell King	0	0	0	0	0	0	0	0	0	0	0	0	77	20	97
ppgg	Pepper-Gatherers gold	0	0	0	0	0	0	0	0	0	0	0	0	24	3	27
ppka	Pepper-King Arthur	0	0	0	0	0	0	0	0	0	0	0	0	22	33	55
ppsr	Pepper-Stocky red roaster	0	0	0	0	0	0	0	0	0	0	0	0	26	8	34
ppsy	potato psyllid	0	0	0	0	0	0	0	0	0	0	0	0	180	24	204
psb	pine shoot beetle	0	0	0	0	0	0	0	60	221	233	321	90	202	44	1,197
ptb	peach twig borer	0	0	0	0	0	46	127	105	209	220	160	1046	1246	1685	4,964
ptlm	pine tree lappet moth	0	0	0	0	0	0	0	0	0	0	0	72	208	32	312
rpw	redroot pigweed	0	0	0	0	0	0	0	0	0	0	0	65	78	17	160
saf	Safflower (Saffire)	0	0	51	3	9	2	0	6	18	58	43	91	106	61	479
sbr	small broomrape	0	0	0	6	6	11	5	62	65	93	102	124	103	51	810
scn	sweet corn	22	34	79	276	349	617	341	394	781	596	362	375	599	168	6,381
sjs	San Jose scale	9	195	328	205	41	73	112	94	126	183	107	976	1231	1682	5,910
sli	Spodoptera litura com cutworm	0	0	1	3	0	0	0	0	0	0	0	0	32	38	81
snf	Sunflower early maturing only	0	0	2	4	3	6	8	42	46	86	69	108	117	5	534
srn	sugarbeet root maggot	0	0	70	47	56	12	45	52	125	168	63	155	122	14	1,104
srw	strawberry root weevil	20	38	39	39	21	13	39	144	143	158	120	139	88	13	1,269
srx	strawberry root weevil (mint)	0	0	0	13	20	33	179	125	185	132	143	131	264	29	2,002
ssw	sunflower stem weevil	0	0	0	0	0	0	0	16	99	78	62	106	133	30	554
swd	spotted wing Drosophila	0	0	0	0	0	0	1808	3125	5319	9660	8767	10064	3284	1266	46,804
sww	testng spot wing Dros newer	0	0	0	0	0	0	0	0	0	83	94	69	183	27	456
sw1	spot. wing Dros. OW Mortal.	0	0	0	0	0	0	0	107	118	27	33	8	19	3	441
swo	spot. wing Dros. OW Mortal.	0	0	0	0	0	0	0	0	116	139	97	197	184	40	773
tcsh	threecornered alfalfa hopper	0	0	0	0	0	0	0	0	0	0	0	0	364	141	505
vcw	variegated cutworm	3	11	13	14	8	7	96	293	429	561	332	265	224	48	2,825
wbc	western bean cutworm	0	0	0	0	0	0	103	138	298	254	183	155	255	20	1,604
wft	western flower thrips	0	0	0	0	0	0	0	1029	1214	1280	787	630	920	283	6,585
whb	Wheat (Bauer spring wheat)	0	0	0	0	0	0	0	17	75	149	62	89	217	136	745
whf	walnut husk fly	0	0	0	0	0	12	96	50	127	145	77	121	192	84	972
whr	Wheat R	0	0	27	25	63	33	290	133	132	269	111	143	162	74	2,180
whw	winter wheat	8	40	94	36	73	108	382	186	411	543	318	227	452	217	4,217
Totals		710	5,714	10,798	13,023	11,071	16,013	28,077	36,999	45,580	61,361	61,497	67,925	69,719	42,196	568,555
Count # DD Models		21	27	42	48	52	57	66	78	81	83	89	103	113	114	114