

SOIL DEGREE DAY ACCUMULATION FOR NEMATODE CONTROL

RUSSET NORKOTAH, HOOPER, CO - 2015

For root-knot nematode control, Vydate applications should begin at 800 Degree-days ($DD_{5Celsius}$) or 1,440 $DD_{41Fahrenheit}$. To estimate that date, add the number of "Total DD" on the day you planted to 800 (or 1,440). Where that value occurs in the "Total DD" column estimates the date on which 800 DD_{5C} or 1,440 DD_{41F} will occur in that field.

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This information can also be found on the SLV Research Center Website:

<http://www.colostate.edu/Depts/SLVRC/disease/nematode.htm>

These data were updated Tuesday, June 30, 2015

Data after that date are estimated using average temperature for the previous 7 days.

The last date when the Degree Days were updated is in bold.

MONTH	DAY	GROWING DAYS	AVE SOIL DAILY		TOTAL	AVE SOIL DAILY		TOTAL	2014	2012
			TEMP - C	DD5C	DD5C	TEMP F	DD41F	DD41F		
1-May	1	1	14.4	9.4	9.4	57.8	16.8	16.8	9.0	10.1
2-May	2	2	12.4	7.4	16.7	54.2	13.2	30.1	19.1	21.1
3-May	3	3	12.6	7.6	24.3	54.7	13.7	43.8	30.1	33.5
4-May	4	4	13.3	8.3	32.6	55.9	14.9	58.7	42.5	46.3
5-May	5	5	13.3	8.3	41.0	56.0	15.0	73.7	55.3	61.0
6-May	6	6	14.4	9.4	50.4	57.9	16.9	90.7	70.0	74.9
7-May	7	7	13.9	8.9	59.3	57.0	16.0	106.7	83.9	85.1
8-May	8	8	14.6	9.6	68.9	58.3	17.3	124.0	94.1	92.3
9-May	9	9	13.6	8.6	77.5	56.5	15.5	139.4	101.3	101.3
10-May	10	10	11.1	6.1	83.6	52.0	11.0	150.4	110.3	111.2
11-May	11	11	11.9	6.9	90.5	53.4	12.4	162.8	120.2	118.6
12-May	12	12	13.7	8.7	99.2	56.7	15.7	178.5	127.6	123.3
13-May	13	13	14.3	9.3	108.5	57.7	16.7	195.2	132.3	128.3
14-May	14	14	13.4	8.4	116.9	56.1	15.1	210.4	137.3	136.1
15-May	15	15	13.1	8.1	125.0	55.6	14.6	224.9	145.1	146.2
16-May	16	16	12.0	7.0	132.0	53.6	12.6	237.5	155.2	160.0
17-May	17	17	12.4	7.4	139.4	54.3	13.3	250.9	169.0	175.1
18-May	18	18	14.3	9.3	148.7	57.7	16.7	267.6	184.1	191.7
19-May	19	19	12.6	7.6	156.3	54.7	13.7	281.3	200.7	210.1
20-May	20	20	13.0	8.0	164.3	55.4	14.4	295.7	219.1	227.7
21-May	21	21	14.7	9.7	174.0	58.5	17.5	313.1	236.7	245.7
22-May	22	22	14.3	9.3	183.3	57.7	16.7	329.9	254.7	263.9
23-May	23	23	13.7	8.7	192.0	56.7	15.7	345.5	272.9	281.5
24-May	24	24	12.4	7.4	199.4	54.3	13.3	358.9	290.5	299.0
25-May	25	25	12.7	7.7	207.1	54.9	13.9	372.7	308.0	318.6
26-May	26	26	14.6	9.6	216.7	58.3	17.3	390.0	327.6	337.9
27-May	27	27	15.9	10.9	227.6	60.6	19.6	409.6	346.9	358.4
28-May	28	28	16.2	11.2	238.8	61.2	20.2	429.8	367.4	381.6

MONTH	DAY	GROWING DAYS	AVE SOIL		TOTAL	AVE SOIL		TOTAL		2014	2012
			TEMP - C	DD5C	DD5C	TEMP F	DD41F	DD41F			
29-May	29	29	17.2	12.2	251.0	63.0	22.0	451.7		390.6	405.5
30-May	30	30	18.4	13.4	264.4	65.1	24.1	475.9		414.5	427.9
31-May	31	31	19.0	14.0	278.4	66.2	25.2	501.1		436.9	451.1
1-Jun	1	32	18.0	13.0	291.4	64.4	23.4	524.5		460.1	473.8
2-Jun	2	33	18.6	13.6	305.0	65.5	24.5	548.9		482.8	496.8
3-Jun	3	34	19.5	14.5	319.5	67.1	26.1	575.0		505.8	520.4
4-Jun	4	35	20.3	15.3	334.8	68.5	27.5	602.6		529.4	546.5
5-Jun	5	36	19.5	14.5	349.3	67.1	26.1	628.7		555.5	574.0
6-Jun	6	37	18.8	13.8	363.1	65.8	24.8	653.5		583.0	600.8
7-Jun	7	38	15.0	10.0	373.1	59.0	18.0	671.5		609.8	619.4
8-Jun	8	39	16.9	11.9	385.0	62.4	21.4	692.9		628.4	636.1
9-Jun	9	40	18.8	13.8	398.8	65.8	24.8	717.8		645.1	657.4
10-Jun	10	41	18.1	13.1	411.9	64.6	23.6	741.4		666.4	677.9
11-Jun	11	42	16.6	11.6	423.5	61.9	20.9	762.2		686.9	696.8
12-Jun	12	43	17.3	12.3	435.8	63.1	22.1	784.4		705.8	719.6
13-Jun	13	44	17.7	12.7	448.5	63.9	22.9	807.2		728.6	744.3
14-Jun	14	45	15.5	10.5	459.0	59.9	18.9	826.1		753.3	766.3
15-Jun	15	46	15.3	10.3	469.3	59.5	18.5	844.7		775.3	790.2
16-Jun	16	47	16.7	11.7	481.0	62.1	21.1	865.7		799.2	811.8
17-Jun	17	48	17.2	12.2	493.2	63.0	22.0	887.7		820.8	828.4
18-Jun	18	49	18.7	13.7	506.9	65.7	24.7	912.4		837.4	848.9
19-Jun	19	50	23.4	18.4	525.3	74.1	33.1	945.5		857.9	870.5
20-Jun	20	51	21.8	16.8	542.1	71.2	30.2	975.7		879.5	890.3
21-Jun	21	52	22.0	17.0	559.1	71.6	30.6	1006.3		902.7	911.3
22-Jun	22	53	21.3	16.3	575.4	70.3	29.3	1035.7		925.0	931.3
23-Jun	23	54	20.8	15.8	591.2	69.4	28.4	1064.1		947.5	950.2
24-Jun	24	55	19.2	14.2	605.4	66.6	25.6	1089.7		969.8	972.5
25-Jun	25	56	19.2	14.2	619.6	66.6	25.6	1115.2		996.7	992.3
26-Jun	26	57	19.1	14.1	633.7	66.4	25.4	1140.6		1020.8	1015.8
27-Jun	27	58	19.9	14.9	648.6	67.8	26.8	1167.4		1040.0	1040.1
28-Jun	28	59	20.2	15.2	663.8	68.4	27.4	1194.8		1065.8	1066.7
29-Jun	29	60	18.7	13.7	677.5	65.7	24.7	1219.4		1087.9	1089.1
30-Jun	30	61	19.6	14.6	692.1	67.3	26.3	1245.7		1108.8	1108.8
1-Jul	1	62	19.6	14.6	706.6	67.3	26.3	1271.9		1132.4	1128.6
2-Jul	2	63	19.6	14.6	721.2	67.3	26.3	1298.2		1156.0	1152.5
3-Jul	3	64	19.6	14.6	735.8	67.3	26.3	1324.5		1179.0	1173.3
4-Jul	4	65	19.6	14.6	750.4	67.3	26.3	1350.7		1203.5	1193.9
5-Jul	5	66	19.6	14.6	765.0	67.3	26.3	1377.0		1227.1	1214.7
6-Jul	6	67	19.6	14.6	779.6	67.3	26.3	1403.2		1250.6	1234.0
7-Jul	7	68	19.6	14.6	794.2	67.3	26.3	1429.5		1275.5	1254.4
8-Jul	8	69	19.6	14.6	808.7	67.3	26.3	1455.7		1299.1	1275.9
9-Jul	9	70	19.6	14.6	823.3	67.3	26.3	1482.0		1321.7	1296.6
10-Jul	10	71	19.6	14.6	837.9	67.3	26.3	1508.2		1344.4	1317.3
11-Jul	11	72	19.6	14.6	852.5	67.3	26.3	1534.5		1368.5	1336.5
12-Jul	12	73	19.6	14.6	867.1	67.3	26.3	1560.7		1392.3	1357.0
13-Jul	13	74	19.6	14.6	881.7	67.3	26.3	1587.0		1417.0	1377.0
14-Jul	14	75	19.6	14.6	896.3	67.3	26.3	1613.3		1441.8	1397.2
15-Jul	15	76	19.6	14.6	910.8	67.3	26.3	1639.5		1464.1	1415.7
16-Jul	16	77	19.6	14.6	925.4	67.3	26.3	1665.8		1484.5	1433.0
17-Jul	17	78	19.6	14.6	940.0	67.3	26.3	1692.0		1505.5	1450.4
18-Jul	18	79	19.6	14.6	954.6	67.3	26.3	1718.3		1524.8	1468.8
19-Jul	19	80	19.6	14.6	969.2	67.3	26.3	1744.5		1543.7	1486.4

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			TEMP - C	DD5C	DD5C	TEMP F	DD41F	DD41F			
20-Jul	20		81	19.6	14.6	983.8	67.3	26.3	1770.8	1561.5	1505.3
21-Jul	21		82	19.6	14.6	998.4	67.3	26.3	1797.0	1580.2	1523.9
22-Jul	22		83	19.6	14.6	1012.9	67.3	26.3	1823.3	1599.3	1543.1
23-Jul	23		84	19.6	14.6	1027.5	67.3	26.3	1849.5	1620.0	1561.9
24-Jul	24		85	19.6	14.6	1042.1	67.3	26.3	1875.8	1641.2	1579.9
25-Jul	25		86	19.6	14.6	1056.7	67.3	26.3	1902.0	1662.5	1598.2
26-Jul	26		87	19.6	14.6	1071.3	67.3	26.3	1928.3	1682.5	1616.3
27-Jul	27		88	19.6	14.6	1085.9	67.3	26.3	1954.6	1702.6	1633.6
28-Jul	28		89	19.6	14.6	1100.5	67.3	26.3	1980.8	1722.4	1650.9
29-Jul	29		90	19.6	14.6	1115.0	67.3	26.3	2007.1	1741.3	1667.3
30-Jul	30		91	19.6	14.6	1129.6	67.3	26.3	2033.3	1760.2	1683.6
31-Jul	31		92	19.6	14.6	1144.2	67.3	26.3	2059.6	1778.9	1700.1
1-Aug	1		93	19.6	14.6	1158.8	67.3	26.3	2085.8	1797.5	1717.2
2-Aug	2		94	19.6	14.6	1173.4	67.3	26.3	2112.1	1815.5	1734.7
3-Aug	3		95	19.6	14.6	1188.0	67.3	26.3	2138.3	1835.3	1753.0
4-Aug	4		96	19.6	14.6	1202.6	67.3	26.3	2164.6	1855.8	1771.6
5-Aug	5		97	19.6	14.6	1217.1	67.3	26.3	2190.8	1876.7	1790.1
6-Aug	6		98	19.6	14.6	1231.7	67.3	26.3	2217.1	1896.3	1808.1
7-Aug	7		99	19.6	14.6	1246.3	67.3	26.3	2243.4	1915.6	1824.6
8-Aug	8		100	19.6	14.6	1260.9	67.3	26.3	2269.6	1933.9	1839.8
9-Aug	9		101	19.6	14.6	1275.5	67.3	26.3	2295.9	1951.2	1853.5
10-Aug	10		102	19.6	14.6	1290.1	67.3	26.3	2322.1	1969.0	1867.6
11-Aug	11		103	19.6	14.6	1304.7	67.3	26.3	2348.4	1986.1	1881.3
12-Aug	12		104	19.6	14.6	1319.2	67.3	26.3	2374.6	2003.8	1896.3
13-Aug	13		105	19.6	14.6	1333.8	67.3	26.3	2400.9	2022.5	1911.2
14-Aug	14		106	19.6	14.6	1348.4	67.3	26.3	2427.1	2041.7	1925.7
15-Aug	15		107	19.6	14.6	1363.0	67.3	26.3	2453.4	2060.5	1940.7
16-Aug	16		108	19.6	14.6	1377.6	67.3	26.3	2479.6	2079.5	1956.3
17-Aug	17		109	19.6	14.6	1392.2	67.3	26.3	2505.9	2098.4	1973.3
18-Aug	18		110	19.6	14.6	1406.8	67.3	26.3	2532.2	2117.2	1990.1
19-Aug	19		111	0.0	0.0	1406.8	32.0	-9.0	2523.2		2007.3
20-Aug	20		112	0.0	0.0	1406.8	32.0	-9.0	2514.2		2025.2
21-Aug	21		113	0.0	0.0	1406.8	32.0	-9.0	2505.2		2043.6
22-Aug	22		114	0.0	0.0	1406.8	32.0	-9.0	2496.2		2062.5
23-Aug	23		115	0.0	0.0	1406.8	32.0	-9.0	2487.2		2082.0
24-Aug	24		116	0.0	0.0	1406.8	32.0	-9.0	2478.2		2100.3
25-Aug	25		117	0.0	0.0	1406.8	32.0	-9.0	2469.2		2119.0
26-Aug	26		118	0.0	0.0	1406.8	32.0	-9.0	2460.2		2138.0
27-Aug	27		119	0.0	0.0	1406.8	32.0	-9.0	2451.2		2157.3
28-Aug	28		120	0.0	0.0	1406.8	32.0	-9.0	2442.2		2177.7
29-Aug	29		121	0.0	0.0	1406.8	32.0	-9.0	2433.2		2197.5
30-Aug	30		122	0.0	0.0	1406.8	32.0	-9.0	2424.2		2218.3
31-Aug	31		123	0.0	0.0	1406.8	32.0	-9.0	2415.2		2240.5
1-Sep	1		124	0.0	0.0	1406.8	32.0	-9.0	2406.2		2261.5
2-Sep	2		125	0.0	0.0	1406.8	32.0	-9.0	2397.2		2283.2
3-Sep	3		126	0.0	0.0	1406.8	32.0	-9.0	2388.2		2305.5
4-Sep	4		127	0.0	0.0	1406.8	32.0	-9.0	2379.2		2327.9
5-Sep	5		128	0.0	0.0	1406.8	32.0	-9.0	2370.2		2350.2
6-Sep	5		128	0.0	0.0	1406.8	32.0	-9.0	2361.2		2372



