

# CHEMICALS



JOE MORIS  
Golf Course Superintendent  
Tartan Park Golf Course

There are many chemicals that have become very common to golf course superintendents. I am going to talk only about one of them.

Today is January 6, 1986 and I have just read the HOLE NOTES with Randall Nelson's insert. I have planned on writing this article for some time, so thanks for getting me going, Randy.

Today is the meeting at Izaty's and that sure reminds me of the chemical I am going to write about..alcohol! It is now 12:05 p.m. but in 1985 I never did believe i., waiting until noon to start drinking so I would already be half in the bag.

By the time I would get to the lodge, I would be drunk but wanting more; eat an excellent meal (I have been told), a few for the road, and off for home. Fortunately, I never had to drive home so I could sleep..I preplanned that.

This type of drinking got to be a way of life for me. The article is chemicals; yes, I am a chemically dependent golf course superintendent. Thanks to God and AA, today I am a recovering alcoholic. It sure is a beautiful new life.

I would be happy to discuss my past, or present, life with anyone interested.



# CLASSIFIED

## POSITIONS AVAILABLE

**MECHANIC:** Year round fulltime position. Paid health insurance and paid vacation. Salary negotiable. Position open February 14. Contact: Max Olsen, Minnetonka Country Club, 24575 Smithtown Road, P.O. Box J, Excelsior, MN 55331. Phone: 612/474-6674.

**COURSE FOREMAN:** Be able to supervise all operations on the golf course under the directions of the golf course superintendent and assistant superintendent. Have the ability to superivse employees, able to use all golf course machinery and ability to teach others, have some ability to identify types of turf, weeds, trees, insects, and diseases in this geographic area. Also to have some knowledge of minor equipment repair and troubleshooting.

High school degree and have started or wanting to start a two or four year

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degree in turf management or related fields. At least two years experience on a golf course and have had some supervisory experience. Paid health/dental insurance, paid vacation, paid sick leave, paid uniforms, and paid local dues. \$5.00-\$6.75 per hour. Contact: Paul Mayes, Midland Hills Country Club, 2001 Fulham Street, St. Paul, Minn. 55113. 612/631-1545.

1982 Jacobsen F-10w/10 Blade Reels  
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Contact: Tom Fuller  
Town and Country Club, 612/646-7125

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The 1985 MGCSA Research Report is now available for anyone interested. The report is a summary of the year's activity and research progress reports. A charge of \$2.00 per copy is needed for printing. Please contact the MGA office if interested in obtaining your copy.

The 1986 Research Committee

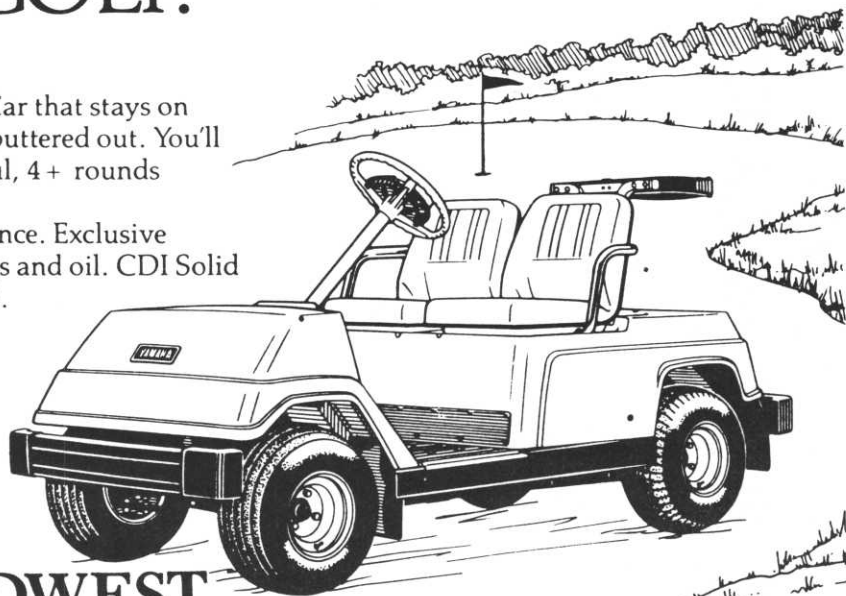


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# TURF PYTHIUM DATA

## PYTHIUM BLIGHT DAILY DATA

Date - 1985	Temperature			Inch Rain	Humidity			Anthracnose		Severe	Temp. Time 70°	Temperature			Time Wet Leaf	#1	#2
	Max.	Min.	Ave.		Max.	Min.	Ave.	Level	Index			Max.	Min.	Ave.			
June 21	81.5	57.3	73.0	0.27	100	66	89										
June 22	80.5	55.0	65.5	0.21	92	48	67	None	1.65	Low	8:55			2:29			
June 23	74.5	53.5	63.0	0.0	98	49	75	Low	2.77	Low	5:30			8:41			
June 24	80.5	48.0	65.0	0.0	100	48	70	None	1.04	Low	13:14			0:0			
June 25	91.0	66.5	78.5	0.0	89	67	80	Mod	3.47	Low	17:25			0:0			
June 26	77.0	73.0	74.0	0.0	93	83	89	Low	2.44	Low	9:17			0:0			
June 27	67.5	55.0	63.0	0.14	100	69	87	Mod	3.64	Low	0			12:46			
June 28	69.5	51.5	60	0.0	100	62	81	None	.61	Low	0			0			
June 29	76.0	52.0	64.0	0	100	57	80	None	.87	Low	8:25			0			
June 30	84.5	54.5	69.0	.06	97	67	80	Low	2.36	Low	12:05			2:54			
July 1	76.0	59.0	63.5	.08	100	70	88	Low	2.79	Low	1:42			8:46			
July 2	82.0	59	70.5	.13	92	59	74	High	4.27	Low	13:31			8:59			
July 3	86.0	56.5	72.0	.17	98	63	80	High	5.21	Low	14:44			10:26			
July 4	78.0	61.0	69.5	.21	95	54	76	High	4.38	Low	12:06			10:19			
July 5	70.0	60.0	62	.01	95	79	91	Low	2.57	Low	0:11			8:26			
July 5	83.5	58	71	0	98	64	78	None	1.87	Low	13:49			0			
July 6	88	71	78	.04	77	59	67	Mod	3.99	High	24:00			1:25			
July 7	91.5	70.0	79	.06	90	65	81	High	4.3	High	24:00			1:30			
July 8	87.5	65.5	74.0	.15	98	64	84	High	5.32	Low	15:40			8:55			
July 9	90.0	78	82.5	0	81	68	71	High	4.01	Low	2:46			0			
July 10	84	65.5	78	0	83	49	59	High	4.47		2:49			0			
July 11	82	56.5	69	.12	94	48	69	High	4.74		11:30	82	56.5	61	11:35	Low	Low
July 12	77.5	57.5	63.0	.05	86	62	74	Low	2.39		2:08	77.5	61.0	76.5	6:56	Low	--
July 13	84	64.5	74	.08	96	77	86	High	4.29		15:35	84	63.5	63.5	5:41	Low	Low
July 14	83	62.5	71.5	.10	98	59	80	Mod	3.8		12:55	83	55	55	6:25	Low	Low
July 15	75	54.5	63	0	97	50	78	None	.79		8	83	55	55	0	Low	Low
July 16																	
July 17																	
July 18	85.5	67	75	.55	93	69	82	High	6.02		18:25	85.5	65.5	66	9:55	High	Low
July 19	71	65.5	70.5					Mod	3.55		0:02	71.0	65.5	70.5	4:50	Low	--
July 20	85.5	54	70.5		100	57	75	Mod	3.64		13:00	85.5	54	59.0	6:44	Low	Low
July 21	81.0	58.5	69.5		95	51	70	Low	3.03		11:55	81	47.5	48	5:16	Low	Low
July 22	81	47.5	64.5		97	44	68	None	2.24		4:46	78	47.5	78	5:44	Low	--
July 23	76	53.5	59		91	54	79	None	1.57		10:25	81	47.5	53.5	5:01	Low	Low
July 24	80.5	64.0	70		100	65	84	High	4.25		10:30	80.5	57	57	8:50	Low	Low
July 25	79.5	57	68		98	57	77	None	1.96		10:55	79.5	54.5	54.5	2:00	Low	Low
July 26	83.0	54	69		100	59	79	Low	2.99		12:30	83	54	63	5:05	Low	Low
July 27	85	63	72		98	68	82	High	4.27		15:00	85	63	67.5	7:15	Low	Low
July 28	81	63.5	71.5		91	62	80	None	2.25		10:20	81	53	53	1:15	Low	Low
July 29	65.5	52.5	57		100	80	89	None	1.85		0	66.5	52.5	66	1:55	Low	Low
July 30	74	58	64		95	60	79	None	2.04		5:35	74	57	57	4:54	Low	Low
July 31	76	57	66		98	53	76	Mod	3.25		10:05	76	54	54	8:16	Low	Low
August 1	82	54	67.5		100	44	73	Low	2.82		11:20	82	54	55	5:50	Low	Low
August 2	66.5	55	58		97	71	86	None	1.26		0	66.5	55	66	3:45	Low	--
August 3	82.5	60.5	71		92	55	73	Mod	3.65		12:45	82.5	60.5	62.5	5:56	Low	Low
August 4	72.0	62	67		98	71	84	Low	2.36		6:55	72	62	65.5	4:09	Low	Low
August 5	80.5	65	69.5		100	70	88	Mod	3.85		3:50	80.5	65	80.5	8:16	Low	--
August 6	84	63	72		98	60	82	High	--		12:15	84	59	59.5	--	Low	Low
August 7	86.5	57	72.5		91	50	69	Low	2.85		18:30	86.5	57	66.5	2:35	High	Low
August 8	84	65.5	72.5		95	54	73	High	4.51		19:15	84	65.5	71.5	8:00	High	High
August 9	85	57.5	70.5		95	62	79	High	4.02		9:35	85	53.5	53.5	8:04	Low	Low
August 10	74	48	62.5		100	55	75	Low	2.63		9:35	76	48	61	8:41	Low	Low
August 12	71.5	60	65.5		100	76	92	High	4.44		3:10	71.5	56	56	14:15	Low	Low
August 13	75	55	65		98	53	76	None	2.05		8:55	75	54	54.5	4:00	Low	Low
August 14	74	53	63		97	50	74	None	1.01		0:57	71.5	53	71	0:55	Low	Low
August 15	78.5	52.5	64.5		97	50	75	None	.87		9:20	78.5	52.5	61	0	Low	Low
August 16	76	61	67		90	72	81	None	1.42		7:10	76	61	64	0:35	Low	Low
August 17	73.5	59	67		98	60	80	Low	3.09		7:15	73.5	53	53.5	6:55	Low	Low
August 18	68	51	59		91	53	72	None	.57		0	68	49	49	0:0	Low	Low
August 19	60	48	52.5		97	73	85	None	0		0	68	49	49	0	Low	Low
August 20	71	45	58.0		100	52	77	None	1.64		1:50	71	45	55.5	5:45	Low	Low
August 21	71	54.5	60.5		89	64	78	None	1.11		2:20	71	55.5	60.5	2:25	Low	Low
August 22	67.5	59	63		98	80	88	None	1.79		0	67.5	60	63	4:15	Low	Low
August 23	74	61.5	66		100	66	85	Low	2.86		6:10	74	52.5	53	6:40	Low	Low
August 24	62	52.5	58		100	79	89	Low	2.68		0	62	53	56	11:45	Low	Low
August 25	77.5	54.5	64.5		97	57	77	None	.87		8:45	77.5	50	50	0	Low	Low
August 26	77	49.5	63		100	58	80	None	2.26		9:20	77	49.5	58	6:20	Low	Low
August 27	72	57	64		98	73	90	High	4.35		5:20	72	57	64.5	15:19	Low	Low
August 28	69	62	65		100	91	95	High	6.47		0	69	62	63.5	24:00	Low	Low
August 29	66.5	58	63.5		100	87	96	High	4.49		0	66.5	55	55	17:01	Low	Low
August 30	69	54	59		98	68	87	None	.57		0	69	54	54.5	0	Low	Low
August 31	71	54	63		100	81	94	Mod	3.52		6:20	71	54.5	63.5	12:10	Low	Low
September 1	76.5	55	66.5		100	62	86	Low	3.12		6:50	76.5	55	57.5	7:49	Low	Low
September 2	78	55	63		100	86	94	High	5.29		10:45	78	58	70.5	21:10	Low	Low
September 3																	

- 1) Data Loss, 7/5, 7/16, 7/17
- 2) Pythium Chips Installed 7/10
- 3) Rain Bucket Removed 7/19
- 4) Anthracnose Index: None - 0.0 - 2.35, Low - 2.36 - 3.15, Mod. - 3.16 - 4.00, High - 4.01 - 10.00

Anthracnose Index, Pythium Severity, #1 & 2, -- = No Data.

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Tom Dawson

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