

# THE GREEN SHEET

CENTRAL PENNSYLVANIA GOLF COURSE SUPERINTENDENTS ASSOCIATION

— Founded April 11, 1939

## HARRISBURG

Course:

**Butter Valley Golf Club**

Host:

**John Gehman**

Date: **June 11, 1991**

**CARLISLE**

**READING**

Lunch: **Anytime at Snack Shop**

Cocktails: **No Bar**

Dinner: **5:00 p.m. — Buffet**

Pig Roast — **Casual**

**COST: \$12.00**

Shower Facilities: **Very Limited**

Tee off Time: **11:00 to 1:00**

Cost of Carts: **No Charge**

Please Note: There will be *no alcohol allowed on the golf course*. Beer will be served after playing, at the Pig Roast.

June Golf Tournament is "Mulligan Day"

Reservation and Cancellation Deadline:

**June 4, 1991**

Call (215) 845-2491

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## TURF TIP OF THE MONTH

### *Broadleaf Herbicides and Herbicide Combinations for Use in Cool-Season Turf — P. J. Landschoot*

For over two decades, turf practitioners have had the luxury of using three very effective postemergence herbicides (2, 4-D, MCPP, and dicamba) for controlling broadleaf weeds. Products containing these compounds are still the mainstay for broadleaf weed control in turf. However, because of public concern over the potential health risks associated with phenoxy herbicides (2, 4-D and MCPP), several companies have developed alternative herbicides for use on broadleaf weeds of turfgrasses.

One new group of broadleaf herbicides that have been developed in recent years are the pyridines. Trichlopyr, the first pyridine to be developed for use on turf, has been combined with 2, 4-D and marketed under the Turflon TM trade name. This product has been popular with professional lawn care operators because of its effectiveness in controlling wild violet, clover, and oxalis. Colpyralid, another pyridine herbicide, is combined with trichlopyr and sold under the trade name Confont TM. This product is being used on a limited basis, and may gain in popularity if restrictions are placed on phenoxy herbicides.

Chlorflurenol is another non-phenoxy broadleaf postemergence herbicide that is available for commercial use. It is sold under the trade name BreakThru TM by The Anderson's. Chlorflurenol is a member of the Morphactin group and was originally developed as a plant growth regulator. The effects of chlorflurenol are slower than most other broadleaf herbicides, hence, it is often combined with dicamba for quicker results.

Isoxaben is the only preemergence herbicide used on turf to control broadleaf weeds. It is marketed under the name Gallery TM by Dow-Blanco. Isoxaben can be applied in fall or spring and controls a broad spectrum of broadleaf weeds. This material has no postemergence activity and will not control weeds arising from underground vegetative structures.

Thanks, Pete

### COURSE PROFILE

Butter Valley was built on property owned and farmed by the Gehman family for the last 200 years. (We have the original deeds hanging in the clubhouse to prove it.) In the late 60's my father 'saw the light' and all the people batting white balls around another former farm down the road. After he'd had so much dirt pushed around he couldn't turn back, the golf course began to take shape. The course was actually designed by three golf enthusiasts from up in town, hitting golf balls over the corn fields and hay fields. The first golfers tee'd up on Memorial Day of 1969 for 9 holes. The back 9 was opened 2 months later. The course remained virtually unchanged for about 18 years when we began an aggressive tree planting program. Although this is the 23rd season for the golf course, the immaturity of the trees makes it look much younger. Last spring we completed some major alterations and additions which added about 200 yards to the overall distance. Now I'm finished, I'm leaving the next major project for my kids to tackle.

### SUPERINTENDENT PROFILE

Married with 4 kids: John 20, Josh 16, Jack 13, & Jerri 8. Don't you hate parents who begin all their kids names with the same first initial. They couldn't help themselves, John's wife's name is Joan. John has been managing the golf course by himself since his father retired 5 years ago. John attended no college and used the 'learn by experience' method of education for the 22 years his family has been involved in the golf course business. John has been a licensed pilot for almost 20 years and a licensed PIAA Basketball official since 1979. John's wife manages the snack shop and is the head aerobic instructor at the local health club.

Many thanks to Greg Bollinger for hosting our outing at Blue Mt. View last month. It seemed like Greg was everywhere, taking your money in the pro shop, greeting you in the dining area, and even supplying us with libations out on the course.

GREG, THANKS AGAIN!

# DROUGHT EMERGENCY

## NONESSENTIAL USE BAN

Prohibited	Exceptions
Lawn Watering	<p>Sewage or stormwater treatment systems utilizing spray irrigation.</p> <p>Newly seeded and sodded grass areas between the hours of 5:00 p.m. and 9:00 a.m. by means of a hand-held hose, nozzle, bucket or pail.</p> <p>Newly seeded or sodded non-residential grass areas exceeding 10,000 square feet may be watered conservatively between hours of 5:00 p.m. and 9:00 a.m. or by professional landscapers during any hours.</p>
Irrigation of gardens, landscaped areas, trees and shrubs.	<p>Agricultural irrigation.</p> <p>Commercial Nurseries.</p> <p>If applied by hand-held container or hose with automatic shut-off between 5:00 p.m. and 9:00 a.m.</p> <p>Maintenance of <u>newly planted</u> gardens, trees, shrubs or other outdoor plants--hand held equipment only between 5:00 p.m. and 9:00 a.m.</p> <p>Arboretums and public gardens of National, State, or regional significance.</p> <p>Revegetation following earthmoving as required by law or regulation or approved plan.</p>
Watering Golf Courses	<p>Tees and greens may be watered between the hours of 5:00 p.m. and 9:00 a.m.</p> <p>Syringing heat sensitive grasses.</p> <p>Necessary overseeding or resodding during August-October.</p>
Washing paved surfaces such as streets, roads, sidewalks, driveways, garages, parking areas, tennis courts and patios.	<p>Water may be used for pre-washing in preparation of asphalt street or driveway recoating and sealing.</p> <p>Clay tennis courts as minimally necessary by hand-held hose.</p> <p>Grass tennis courts as minimally necessary.</p> <p>Sanitation of eating/drinking premises.</p>
Operation of water fountains, artificial waterfalls and reflecting pools.	NONE
Washing Vehicles	<p>Car washing may be done from a bucket or using commercial car washes equipped with recycling.</p> <p>Cleaning of commercial or public vehicles to allow for safe operation.</p> <p>Cleaning dealers' sales inventory, with certain restrictions on time and methods.</p> <p>Professional mobile wash businesses</p>
Serving water in eating places unless specifically requested by the individual.	NONE
Filling and topping off swimming pools.	<ol style="list-style-type: none"> <li>Public or residential swimming pools with filtration and recycling capabilities serving 25 or more dwelling units.</li> <li>Health care facilities for patient care/rehabilitation.</li> <li>Other pools if water supplier approved.</li> </ol>

## **ATTENTION**

Most of us like to describe ourselves as **Professionals**. A key ingredient to professionalism is integrity. DER has determined we can no longer water fairways, **so don't**. That's the **law**. DER is averaging three phone call complaints per hour concerning golf courses. This abuse must stop. Violators are not fooling DER, their peers, or the public. They are just fooling themselves.

Bill Wall

Bill 496 (the Coy Bill):k

This bill has been voted out of Committee with two additional amendments: the "omnibus" amendment concerning nutrient management plans, and one other amendment. Nutrient management plans have been defined (who, what, etc) but it does not appear to Mr. Brubaker that golf courses would have to prepare these plans. In fact, a Nutrient Management Board (to be created under the Bill) would determine if these plans do apply to golf courses). Perhaps we should contact Rep. Coy to determine his "legislative intent" concerning golf courses.

Mr. Snyder read a draft letter which he is preparing. This will be sent to selected legislators and outline golf turf practices and the results of certain scientific studies.

President Rafferty stated that he will contact Rep. Coy concerning his "legislative intent". If Allied is unhappy with the findings of this inquiry, Rafferty will contact Mr. Brubaker to pursue the matter further. For the moment, Brubaker will take no action on the matter.

Bill 1530:

This Bill authorizes an eleven person Board as an advisory council: i.e., a Farm Panel to DER. Mr. Brubaker recommends that Allied favor this bill.

Bill 1003:

This bill concerns residential pesticide applications and, probably, will not affect golf courses. Mr. Brubaker will get additional information (from "Steve") on this one.

Bill 694:

This bill concerns roadside spraying of pesticides and nutrients and is not applicable to golf courses. This is the so-called Penn DOT bill.

Bill 579:

This bill will establish a system whereby people with private waterwells can be reimbursed by the state if the well becomes contaminated. Claimants must cooperate with the state in preferring charges against an alleged contaminator. Mr. Brubaker recommends that the Allied oppose this bill. Brubaker will talk with Representative Sheets of the Conservation Committee and inform Sheets that Allied is opposed.

Bill 1530:

This is a water act aimed principally at the mining industry. This bill does not apply to the golf turf industry.

Act 1140:

This act concerns hauling hazardous waste and does not apply to the golf turf industry.

Senate Bill 1072:

This is a sustainable ag bill. It is aimed at reduction or elimination for the need of all artificial fertilizer and pesticides. Wording of this bill is not acceptable to the Allied and similar industries.

Senate Bill 1071:

This is a non-source pollution abatement act. The bill makes farmers eligible for certain funding and is no problem for Allied.

Senate Bill 1070:

This bill concerns the regulation of wells, pumps and ground water. We need to talk to the legislators on this one. Perhaps we should talk to Representative Punt.

Senate Bill 1069:

This bill concerns organic food products standards and does not apply to Allied.

Senate Bill 1068:

This is the so-called methane digestion act and does not apply to Allied.

Senate Bill 1067:

This is an ag security act and does not apply to the Allied.

Senate Bill 1066:

This bill concerns crop insurance rebates and does not apply to Allied.

Senate Bill 1065:

This bill is related to lending for best ag management practices. It does not apply to Allied.

In other comments, Mr. Brubaker stated that there are two major pesticide bills in committee: the Fox Bill and the Brightbill Bill. Letters of opposition have been written on both of these bills. Currently, the Committees do not plan to move these bills, according to Mr. Brubaker.

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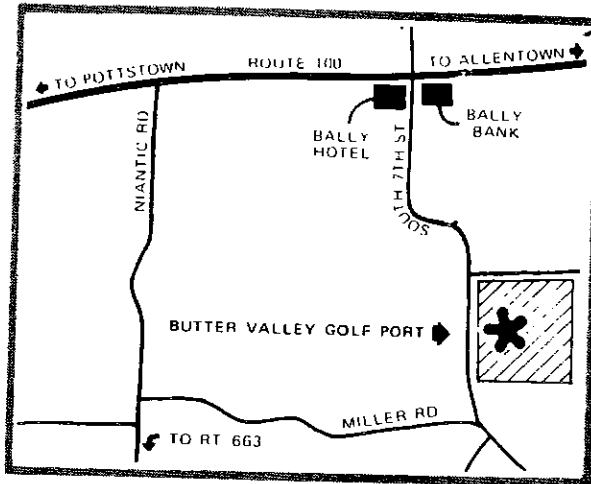
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## DIRECTIONS

Butter Valley is located on S. 7th St. 1½ miles outside of the town of Bally, midway between Pottstown and Allentown. Whether you're coming from the east or the west, just find Route 100. Route 100 runs from Rte. 309 northwest of Allentown, to Rte. 202 at West Chester. Traveling northbound on Rte. 100, turn right at 7th St. The National Bank of Boyertown is on one corner and the Bally Hotel on the other. The golf course is 1½ miles down that road. Or you can fly here. The airstrip goes right through the golf course.



## INSECT TIP OF THE MONTH

The subject for June is not actually insects, but a mammal called a mole, which belongs to the order Insectivora, subfamily Talpinae.

The moles sense their environment primary by smell and touch. They have eyes which are very tiny and usually obscured by fur and powerful forelimbs with long nails for digging. They often dig in moist uncompacted areas, all too often in intense maintained areas of the golf course.

Moles eat 50% of their body weight per day, which consists (up to 90%) of earthworms, the rest is made up of grubs, slugs, spiders, even some seeds and roots. Moles are controlled by poisoning, trapping or eliminating their food source. Poisoning is effective, but toxic and often effects the food chain. Insecticides are also effective to eliminate the food source, but will return when the insect populations build back up. When you do treat for grubs, make sure you treat in June or August, when grubs are near the soil surface. Trapping is one sure way to eliminate the critters permanently.

Thanks again. Pete. I.

Here are several trapping methods:

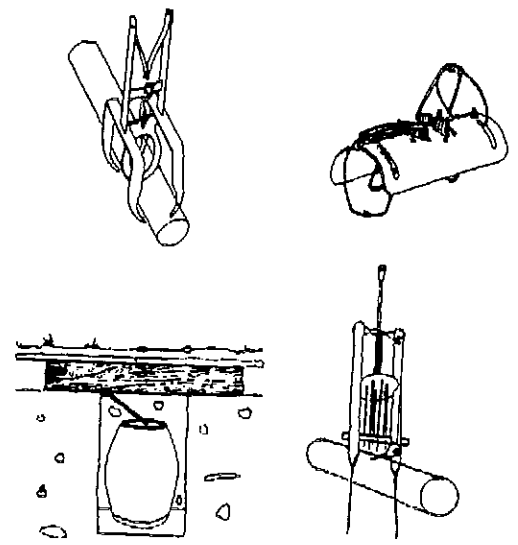


Figure2. "A variety of mole traps: scissor trap (top left); Duffus half-barrel (top right); a pit-fall with trapdoor (bottom left); harpoon trap (bottom right). From: The Natural History of Moles. M. L. Gorman and R. D. Stone.

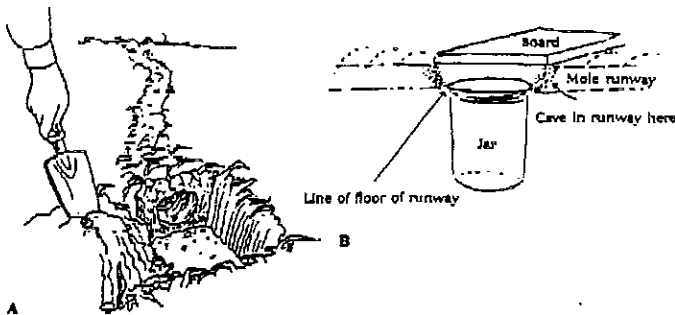


Figure 1. Tunneling characteristics of moles and adaptation to trapping. A. Excavation to locate tunnel, essential for trapping. B. Method of live-capturing mole with jar as pitfall trap and board to exclude light. From: Turfgrass Insects of the United States. H. Tashiro.

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## **"THE THINKING SUPERINTENDENT"**

This month's *Thinking Superintendent* comes from "Yours Truly".

How often have you gotten "Localized Dry Spots" on greens and tees, so you run the sprinklers an extra 15-20 minutes for several waterings, which takes forever to get the water caught up in these troubled areas. You have even hand aerified or used a spiking device to open up the soil. Some use granular wetting agents, tank mix wetting agents or even wetting agents injected into the irrigation systems. This still does not get the job done as quickly or effectively as you would like. After doing all the above, I have finally found something to get this job done. It's a hand held wetting agent applicator. Several manufacturers have these on the market, NAIAD makes one as well as Aqua Gro, which simply threads or quick-couples on to the end of hose, hooked into your snap valve at the green or tee or even fairway. The wetting agent pill is used in the container and usually lasts for several greens or tees. Soaking the dry area plus the surrounding area for a couple of days in a row allows me to go back to my normal watering schedule no matter how dry it is. I know my situation isn't the norm because of my sand greens, but if this works for me with August like conditions in May, I know it will work for you. Give me a call for additional details.

Tony



#### **PERMANENT RESERVATION LIST**

**Please be sure to  
make your cancel-  
lation if you are  
unable to attend,  
or you will be billed.**

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## **President's Message**

I would like to extend a thank you to the membership for supporting the recommended assessment. Not only does it show support for the directors, but it also demonstrates the forward thinking of our members in backing a worthy cause and goals.

Speaking of our membership, we have seen tremendous growth in the Central Penn in recent years, we have grown to approximately 190 members. However, we know that there are still a number of individuals in our area that are not members. Ever since I can remember we have always tried to find ways to encourage these people to join. It seems to me that the most successful method is by direct contact, our members initiating a personal invitation to a non-member to come and see what benefits a membership in the Central Penn GCSA offers. Benefits such as information on current pesticide regulations, monthly educational speakers, and of course friendship, just to mention a few.

I like to call on all of you to actively recruit someone in your area who is not a member of our organization. As directors, we are making it a point to go to clubs in our area and extend a personal invitation to come to a Central Penn Meeting. Maybe you know someone that you could do the same. Let me not forget our commercial members who have the advantage of visiting all the courses, both member and non-member. We know that you can have a very positive effect in recruiting new members. We could use your support. I should make mention that as a side benefit when our A and B membership grows it allows us to bring in more A and G members.

Perhaps in the upcoming weeks you will find time to contact someone in your area and share the rewards of joining the Central Penn GCSA. I hope you will do so.

Have a nice day and support your organization.