

TURF MANAGEMENT HINTS FOR SEPTEMBER

COMPILED BY THE GREEN SECTION FROM CONTRIBUTIONS FROM
CO-OPERATORS IN THE NATIONAL CO-ORDINATED TURF PROGRAM.

Material	Amount needed for areas			Remarks
	Acre	1000 sq. ft.	40 sq. ft.	
Chlordane				
50% wettable powder	20 lbs.	½ lb.	3 tbs.	Effective on all grubs. Gives 2-3 years protection
or 5% dust	200 lbs.	5 lbs.	3 oz.	
DDT				
50% wettable powder	50 lbs.	1½ lbs.	3 tbs.	Effective mostly on Japanese beetle grubs. Gives 5 years protection.
or 10% dust	250 lbs.	6 lbs.	4 oz.	
Lead Arsenate	435 lbs.	10 lbs.	7 oz.	Effective on all grubs. Gives 10 years protection.

Pennsylvania

"Insecticides can be applied at any time of the year except when the ground is frozen, but the best time to apply the insecticide is in the fall or in the spring before May 1.

"DDT or Chlordane should not be applied within a week either following or preceding hydrated lime . . . All these insecticides may be mixed with complete fertilizer or sand and distributed in a spreader . . . Wettable powders may be sprayed at 10 gallons to 1,000 square feet . . ."

J. O. PEPPER, *Extension Entomologist*

Florida

"The summer rains are here so watch for those suspicious closely cropped areas of turf caused by fall armyworm and sod webworm and apply appropriate control measures."

E. G. KELSHEIMER, *Entomologist*

Utah

"This is the time of year to watch temperatures and humidity and be prepared to treat greens for brownpatch. On greens where drainage is not good we treat with Tersan every 10 days during August and September."

A. R. EMERY, *Golf Course Superintendent*

Georgia

"Southern turf producers should start preparing for the spring pivotal period now.

"1. Apply fertilizers (high in nitrogen) one month before seeding ryegrass or at least one month before the first killing frost.

"2. Raise height-of-cut on Bermudagrass greens at the time of fertilizer applications.

"3. Do not seed ryegrass excessively heavy.

"4. Do not damage Bermuda turf when seeding ryegrass.

"An ounce of prevention is worth a pound of cure. Have on hand chemicals for disease prevention on ryegrass.

"Soil tests should be used by turf producers to conserve needed fertilizer elements."

B. P. ROBINSON, *Turf Specialist*

Maryland

Prevent crabgrass from going to seed with chemical treatments (KOCN, sodium arsenite, Phenylmercuric Acetate) or mechanical control with combs mounted on front of the mowing units. Results will be apparent next year.

Cooler weather will bring on dollarspot, necessitating a change from Tersan to one of the cadmium compounds, Calo-Clor should control both dollarspot and brownpatch. Excessive mat and low fertility may nullify control with the best of chemicals.

Now is a good time to:

Aerify all turf areas.

Fertilize.

Lime if pH is below 6.5.

Treat for broadleaf weeds.

Introduce plugs of zoysia, U-3 Bermuda, and improved bents.

Delmonte rake the greens.

Make plans to attend the National Turf Field Days, October 7, 8, and 9.

Grub-proof all turf areas.

Seed Merion bluegrass and F-74 creeping red fescue.

If you are sowing Merion bluegrass for the first time, please observe three very important fundamentals.

1. Prepare the best seed bed possible. In an established turf this means aerifying several times at a 2-inch depth to provide pockets close together to receive the seed, fertilizer and moisture. An application of sodium arsenite (at 2 pounds per acre) or potassium cyanate (at 12 pounds per acre) just after sowing the seed will help in establishment.

2. Use plenty of a well-balanced fertilizer. Consult your state experiment station for the best fertilizer for your particular soil. One pound of nitrogen to 1,000 square feet will give the new seedlings a start. Follow up with more nitrogen when the grass is mowed the first time.

3. Use less seed than you would of ordinary bluegrass. Under most conditions 10 to 20 pounds of seed to the acre is sufficient. We consider 40 to 44 pounds to the acre maximum under any conditions.

Avoid the use of redtop and ryegrass in cool-season lawn seed mixtures for fall planting. These temporary special-purpose grasses (so-called "nurse-grasses") only retard the development of the desired perennial species and cause the homeowner to be obliged to mow sooner and more often. The following spring the tall seed heads of fast-growing ryegrass and redtop cause homeowners to send in specimens asking, "What is this ugly weed in my lawn and how can I get rid of it?"

COMING EVENTS

- September 5-7: Turf Field Days.** The Pennsylvania State College and Turf Advisory Committee, State College, Pa. H. B. Musser.
- September 10-11: Turf Field Days.** Purdue University and Midwest Regional Turf Foundation, West Lafayette, Indiana. W. H. Daniel.
- September 13: Green Section Committee Meeting,** Saucon Valley Country Club, Bethlehem, Pa.
- October 7-9: National Turf Field Days,** Beltsville Turf Gardens, Plant Industry Station, Beltsville, Md. USGA Green Section, U.S. Department of Agriculture, and Mid-Atlantic Association of Golf Course superintendents, co-operating. Fred V. Grau.
- October 22-23: Oklahoma Turf Conference,** Oklahoma A. and M. College, Stillwater, Okla. H. F. Murphy.
- October 24-26: Turf Conference Central Plains Turf Foundation and Kansas State College,** Manhattan, Kansas. L. E. Lambert and Ray A. Keen.
- November 8-9: Turf Conference.** Northwest Turf Association, Washington State College, Pullman, Wash. Ivan W. Lee, 705 Fourth Ave., Seattle 4, Wash.
- November 14: Fall Turf Meeting.** Southern California Turf Conference, University of California, Los Angeles, Calif., V. T. Stoutemyer.
- November 19-20: Turf Conference.** Texas Turf Association. Texas A. & M. College, College Station, Texas. J. R. Watson, Jr., College Station, Texas.

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- January 8-9: Turf Conference.** Mid-Atlantic Association of Golf Course Superintendents. Lord Baltimore Hotel, Baltimore, Md. E. N. Cory, University of Maryland, College Park, Md.
- January 21-25: One-week Course in Turf Management.** Rutgers University, New Brunswick, N. J. Ralph E. Engel.
- February 18-21: Turf Conference.** The Pennsylvania State College and Turf Advisory Committee, State College, Pa. H. B. Musser.
- March 3-6: Turf Conference.** Midwest Regional Turf Foundation and Purdue University, West Lafayette, Ind. W. H. Daniel.

Clover in a seed mixture for fall sowing largely is a waste of time, money, and effort. If clover is desired, it should be seeded alone in early spring for best results.