

## PURDUE'S ANNUAL SCHOOL

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cally. Farnham warned against a school's investing all its athletic funds in stands before the athletic field itself is drained, graded, seeded and fertilized.

Dr. H. B. Musser of Pennsylvania State College discussed his work with highway and airfield turf. He revealed that railroads are now interested in using grass to control slope erosion instead of cinders. Several railroads are now interested in sponsoring grass research since Diesels are replacing coal burning engines.

Dr. Musser showed by slides the results of experiments with fall, late fall, spring and summer plantings of crown vetch, *alta fescue*, perennial ryegrass and red fescue. Crown vetch appears to hold much promise for highway slope coverage.

### Crabgrass and Weeds

E. B. Oyer, Purdue plant physiologist, described the crabgrass control studies conducted during the summer of 1950. M. M. (Mac) Parsons, Indianapolis, told the same section of his success in the use of PMAS in the control of crabgrass on the tees at Highland CC. Finally, Dr. H. B. Grigsby of the Department of Botany and Plant Pathology, Michigan State College, summarized the place and use of chemical controls for crabgrass. He pointed out

that the best control of crabgrass is a good cover of vigorous turf.

### Chickweed, Clover and Better Grasses

Another sectional program was divided between the control of "Chickweed and Clover" and "Testing for Better Grasses." Pat Russell, Louisville, Ky., told his chickweed elimination program. By using Milarsenite in the fall, the weed pest was reduced by 80 percent the following spring. LeRoy Jones, Lansing, Michigan, described how his campaign of combining both Milarsenite and Milorganite cleaned up weedy turf on his course. These treatments also eliminate undesirable grasses. "You must keep up fertilization and plant seed of desirable grasses which can take over when crabgrass and clover are eliminated," Jones concluded.

Dr. O. J. Noer explained that the mouse ear chickweed is easier to kill than common chickweed. A prolific seeder, common chickweed is best killed with sodium arsenite applied in repeat applications in late fall. As for clover, Dr. Noer's advice was to try to grow a good crop of grass to compete with the clover on greens.

A suggested program plan on both chickweed and clover control was to treat one-third of the course each year. A combination of 2,4-D and 2,4,5-T was one treatment Dr. Noer suggested. Arsenic

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## IT'S A MARSHMALLOW WORLD — LIKE HELL FOR SUPT.



This scene at Druid Hills, Atlanta, was shot three weeks before the Druid Hills photograph on the front cover of this issue of *GOLFDOM* was made. A sleet storm broke thousands of branches off the trees and gave Supt. Everitt Shields heartaches and headaches. Cleaning up also took a bite into his budget. But the Good Lord and hard work got everything in shape for the annual Dogwood tournament. Shields, Mgr. Armand Chapeau and Pro Charley Miller will have the labors of the Georgia Men's State tournament in August and the Women's National Open, Sept. 13-16 added to their schedules this year.