STOP 14

R. Anda, J. Krans, and A. Kern

Turfgrass Weed Identification

This stop will include typical turfgrass weed samples to help you identify or confirm unfamiliar weeds that you may have. For inclusion in your library and future reference you may wish to obtain one of the following weed identification publications:

*1. Weeds of the North Central States: North Central Regional Bulletin No. 36 ($1.00)

*2. Lawn Weed Control: MSU Extension Bulletin E-653, Farm Science Series (free).

3. Lawn Weeds and Their Control: North Central Regional Extension Publication No. 26. Univ. of Nebraska Extension Service.

4. A number of turfgrass companies also have published weed identification booklets, such as O.M. Scott and AmChem.

*These bulletins are available from your County Extension Office or through the Michigan State University Bulletin Office, P. O. Box 231, East Lansing, Michigan 48824.

STOP 15

J. M. Vargas, Jr., C. W. Laughlin, and R. Detweiler

Fusarium Blight Control

This Fusarium blight control study was conducted at the M.S.U. Soil Field Lab on a mature Merion Kentucky bluegrass turf. The treatments were applied twice on June 20 and 28, 1973, with a hose-jar applicator. The treatments were replicated three times. All materials were drenched down into the root zone immediately after application. At the time of this writing symptoms were just beginning to develop. Hopefully significant differences will be showing by Field Day.

The best materials based on our past experiments at M.S.U. are Tersan 1991 and Spot Kleen. To control Fusarium blight with these two fungicides, two applications at the 8 oz/1000 sq ft rate must be applied and drenched down into the root zone immediately after application before they dry on the foliage. The applications should be made within two weeks of each other.

Another material that has given excellent control of Fusarium blight is the nematicide oxymal applied at the 200 lb/acre rate. One application appears sufficient and, like the fungicides, it should be drenched into the root zone. At the present time this material is not available for commercial use.