## TABLE OF CONTENTS

## GENERAL TURFGRASS SESSION: MICHIGAN STATE UNIVERSITY RESEARCH REPORTS

<ul> <li>FESCUE IMPROVEMENT AND EVALUATION OF TURFGRASSES 1</li> <li>Kenyon T. Payne, Professor, Dept. of Crop and Soil Sciences, MSU.</li> <li>Joseph M. Vargas, Jr., Assistant Professor, Dept. of Botany and Plant Pathology, MSU.</li> </ul>
RESIDUAL CONTROL OF DOLLAR SPOT WITH SYSTEMIC FUNGICIDES2 AND CONTROL OF TYPHULA BLIGHT (GRAY SNOWMOLD) Joseph M. Vargas, Jr., Assistant Professor, Dept. of Botany
and Plant Pathology, MSU. James B. Beard, Professor, Dept. of Crop and Soil Sciences, MSU.
Ron Detweiler, Research Technician, Dept. of Botany and Plant Pathology, MSU.
ELECTROPHORETIC IDENTIFICATION OF CREEPING BENTGRASS 10 AND KENTUCKY BLUEGRASS CULTIVARS James F. Wilkinson, Turfgrass Extension Associate and Dr. James B. Beard, Professor, Department of Crop and Soil Sciences, MSU.
<ul><li>UPDATE OF NEMATODES ASSOCIATED WITH TURFGRASSES IN13 MICHIGAN</li><li>C. W. Laughlin, Assistant Professor, Dept. of Entomology, MSU.</li><li>J. M. Vargas, Jr., Assistant Professor, Dept. of Botany and Plant Pathology, MSU.</li></ul>
WHAT'S NEW IN TURF WEED CONTROL
NITROGEN RESPONSES AND ARSENIC STUDIES ON TURF
NITROGEN AND POTASSIUM EFFECTS ON TURFGRASS WEAR 25 TOLERANCE Robert C. Shearman, Turfgrass Extension Associate, and Dr. James B. Beard, Professor, Dept. of Crop and Soil Sciences, MSU.
PHYSIOLOGY RESEARCH: CHEMICAL GROWTH REGULATORS,

TABLE OF CONTENTS (Continued)Page 2
William J. Eaton, Turfgrass Technician Ronald L. Yoder, Laboratory Technician Dept. of Crop and Soil Sciences, MSU.
NEW DEVELOPMENTS IN OSHA
INDIVIDUAL SESSIONS
Session A - Golf Courses
SAND TRAP CONSTRUCTION AND MAINTENANCE
LOCALIZED DRY SPOTS: CAUSES AND CORRECTIONS
USING INFRARED PHOTOGRAPHY ON THE GOLF COURSE
HOSTING THE PGA
Session B - Professional Lawn Care
ATHLETIC FIELD CARE
A LAWN MAINTENANCE CALENDAR FOR MICHIGAN
PRUNING SHADE TREES
PHYSIOLOGY RESEARCRE CHEMICAL GROWTH REGULTORS,

## TABLE OF CONTENTS (Continued)Page 3

Session C - Parks, Grounds and Athletic Turf

- A PRACTICAL LOOK AT PARK FERTILIZATION AND MOWING. . . . . . 56 Douglas Hand, Park Supervisor, City of Midland
- WEED CONTROL AND SPRAYER CALIBRATION FOR GENERAL. . . . . . 59 TURF AREAS
  - R. C. Shearman, Turfgrass Extension Associate, Dept. of Crop and Soil Sciences, MSU.

- NEW NATURAL TURF SYSTEM AIDS PLAYERS THE PAT SYSTEM. . . 67 (PRESCRIPTION ATHLETIC TURF)
  - W. H. Daniel, Turf Specialist, Dept. of Agronomy, Purdue University.

Session D - Cemeteries

## TURFGRASS ENVIRONMENTAL STRESS

- TURFGRASS ENVIRONMENT WHAT IS ENVIRONMENTAL STRESS?...76 James B. Beard, Professor, Dept. of Crop and Soil Sciences, MSU

WINTE	R I	NJURY: CA	USES AND	PREVEN	NTION		• •	• • •	 • • • • •	81
J.	E.	Kaufmann,	Graduate	Teaching	Assistant,	Dept.	of	Crop		
	and	d Soil Sciend	ces, MSU.	Calification and						

TABLE OF CONTENTS (Continued)Page 4

DROUGHT STRESS ON TURF
DISEASE DEVELOPMENT AND ENVIRONMENTAL STRESS
TURFGRASS NUTRITION AND ENVIRONMENTAL STRESS
SOD PRODUCTION
TRENDS IN TURFGRASS SEED PRODUCTION INDUSTRY
VEGETATIVE PROPAGATION OF KENTUCKY BLUEGRASSES 103 Ben Warren, President, Warren's Turf Nursery, Palos Park, Illinois
SOD PRODUCTION AND TRANSPLANTING FOR SHADED AREAS
<ul> <li>FUSARIUM BLIGHT</li></ul>
<ul><li>FUTURE NEEDS OF THE SOD PRODUCTION INDUSTRY</li></ul>
SOD CULTURAL SYSTEMS STUDIES
THE CAL-TURF METHOD OF CLIPPING UTILIZATION