

RESEARCH PROJECTS LISTED AT THE VARIOUS STATIONS IN 1955

Management Studies

Turf Quality Investigations—Bermudagrasses, Zoysia Grasses, Cool-Season Grass Mixtures, Bluegrasses, Fescues. U. S. Department of Agriculture, Beltsville Md.

Clipping Investigations—Zoysia Grasses, Bluegrasses. U. S. Department of Agriculture, Beltsville, Md.

The Influence of Turf Management Practices on Composition and Quality of Turf. California Agricultural Experiment Station, UCLA, Los Angeles, Calif.

Special Management Studies. Lawn and Athletic Field Renovation. Thatch and Mat Removal. Florida Agricultural Experiment Station, Gainesville, Fla.

Study of 20 or More Bentgrass Strains for Comparative Adaptability, Disease Resistance, and Value for Greens. Iowa Agricultural Experiment Station, Ames, Iowa.

Study of the Wearability of Zoysia and Bermuda Turf Under Practice Field Conditions. Maryland Agricultural Experiment Station, College Park, Md.

The Management of Merion and Kentucky Bluegrass, Creeping Red Fescue and Highland and Astoria Bents for Fairway Purposes. Michigan Agricultural Experiment Station, East Lansing, Mich.

A Study of the Effect of Mixtures, Height of Cut, and Fertility Levels on the Establishment of Merion Bluegrass. Michigan Agricultural Experiment Station, East Lansing, Mich.

A Study of the Role of Turf Cultivation and Vertical Cutting in the Maintenance of Fine Turfs on Greens, Lawns and Fairways. Michigan Agricultural Experiment Station, East Lansing, Mich.

Effect of Cultivation of $\frac{1}{4}$ and $\frac{3}{4}$ Inch Bentgrass Turf. New Jersey Agricultural Experiment Station, New Brunswick, N.J.

Methods of Controlling Thatch. New Jersey Agricultural Experiment Station, New Brunswick, N. J.

Clover Control and Veronica Control. New York Agricultural Experiment Station, Ithaca, N. Y.

Turf Culture and Pest Control. Ohio Agricultural Experiment Station, Wooster, Ohio.

Fundamental Problems Associated with Accumulations of Pesticidal Chemicals in Soil. Ohio Agricultural Experiment Station, Wooster, Ohio.

Pesticidal Residues in Soils Following Pest Control Practices. Ohio Agricultural Experiment Station, Wooster, Ohio.

Management Studies and Evaluation of Species and Strains of Turf Plants for Oklahoma Conditions. Oklahoma Agricultural Experiment Station, Stillwater, Okla.

Lime and Compost Study on Piper Velvet to Determine Effect on Mat of Undecomposed Root Accumulation. Initiated 1944. Rhode Island Agricultural Experiment Station, Kingston, R. I.

Study of the Effect of Maleic Hydrazide as a Growth Retardant on Lawn Turf. Rhode Island Agricultural Experiment Station, Kingston, R. I.

Nutrition

Commercial Fertilizers and Amendment Demonstrations on Bluegrass Turf in Various Parts of the State and at Fort Collins. Colorado Agricultural Experiment Station, Fort Collins, Colo.

Nutritional Investigations and Fertility Studies. Florida Agricultural Experiment Station, Gainesville, Fla.

Effect of Nitrogenous Fertilizers on the Growth of Turf Grasses. Georgia Coastal Plain Experiment Station, Tifton, Ga.

Calcium, Nitrogen, Phosphorus and Potassium Requirements of Southern Turf Grasses. Georgia Coastal Plain Experiment Station, Tifton, Ga.

Plant Metabolism and Carbohydrate Reserves. Indiana Agricultural Experiment Station, Purdue University, Lafayette, Indiana.

Nitrogen Fertilizer Sources. Indiana Agricultural Experiment Station, Purdue University, Lafayette, Indiana.

Phosphorus Requirements of Bentgrass. Indiana Agricultural Experiment Station, Purdue University, Lafayette, Indiana.

Fertilizer on Bent and Turf Grasses. Iowa Agricultural Experiment Station, Ames, Iowa.

Use of Nitrogenous Fertilizer. Kansas Agricultural Experiment Station, Manhattan, Kans.

✓ A Study of the Effects of Different Levels of Nitrogen, Phosphorus and Potassium on the Growth and Maintenance of Congressional, Arlington and Pennlu Creeping Bents for Putting Green Purposes. Michigan Agricultural Experiment Station, East Lansing, Mich.

A Study of the Effectiveness of Various Sources of Nitrogen and Other Materials on the Growth and Maintenance of Seaside, Highland and Astoria Bents Maintained at Fairway or Lawn Heights. Michigan Agricultural Experiment Station, East Lansing, Mich.

Fertilization of Meyer Zoysia and Merion Bluegrass. New Jersey Agricultural Experiment Station, New Brunswick, N. J.

Effect of Rate and Season of Fertilization of $\frac{1}{4}$ and $\frac{3}{4}$ Inch Bentgrass Turf. New Jersey Agricultural Experiment Station, New Brunswick, N. J.

A Study on the Response of U-3 Bermudagrass to Different Rates of Nitrogen Fertilization from Various Nitrogen Containing Fertilizers Applied at Regular Intervals Throughout the Growing Season. Oklahoma Agricultural Experiment Station, Stillwater, Okla.

The Effect of Various Materials for Correction of Chlorosis in Seaside Bentgrass. Oklahoma Agricultural Experiment Station, Stillwater, Okla.

Nitrogenous Fertilizers for Turf Grasses. Pennsylvania Agricultural Experiment Station, University Park, Pa.

Fertilizer Ratio Study on Velvet Bent. Initiated 1931. Rhode Island Agricultural Experiment Station, Kingston, R. I.

Nutritional Requirements of Bermuda Turf. Texas Agricultural Experiment Station, College Station, Texas.

✓ Effects of Fertilizers on Seed Production of Merion Bluegrass at the Pullman Station. Washington Agricultural Experiment Station, Pullman, Wash.

Water Management

The Amount and Intervals Between Applications of Water to Maintain a Satisfactory Bluegrass Turf. Colorado Agricultural Experiment Station, Fort Collins, Colo.

The Influence of Four Levels of Moisture on Root Development of Certain Species and Strains of Turf Grass. Texas Technological College, Lubbock, Texas.

Climatology and Water Usage. Florida Agricultural Experiment Station, Gainesville, Fla.

Soils

Putting Green Turf Artificial Soil. Indiana Agricultural Experiment Station, Purdue University, Lafayette, Indiana.

Moisture Relationships—Studies to Determine the Relative Importance of Moisture Condensation from the Soil Atmosphere in a Region of High Humidity with Fluctuating Day and Night Temperatures. Massachusetts Agricultural Experiment Station, Amherst, Mass.

Fundamental Problems Associated with Accumulations of Pesticidal Chemicals in the Soil. Ohio Agricultural Experiment Station, Wooster, Ohio.

Pesticidal Residues in Soils Following Pest Control Practices. Ohio Agricultural Experiment Station, Wooster, Ohio.

Effects of Physical Modification of Soil on Turf Quality. Pennsylvania Agricultural Experiment Station, University Park, Pa.

Study of the Effect of Various Soil Conditions on the Establishment of New Seedings and on Compaction, Drainage and Drought. Initiated 1952. Rhode Island Agricultural Experiment Station, Kingston, R. I.

The Effect of Sand Particle Size on Compaction in a Golf Green Mixture. Texas Agricultural Experiment Station, College Station, Texas.

Effect of Krillium on Compaction under Green Conditions at the Western Washington Experiment Station. Washington Agricultural Experiment Station, Pullman, Wash.