# Table of Contents

**SUGAR BEET ROOT MAGGOT** ................................................. 115  
One Year's Trials Show That Chemical Control Is Feasible in Handling This Hazard to Important Red River Valley Cash Crop.  
By W. L. Gojmerac and J. A. Callenbach

**PARAKERATOSIS** ......................................................... 121  
This Serious Swine Disease Is Frequently Being Reported in North Dakota; Can Be Exceedingly Costly Hazard for the Hog Producer.  
By I. A. Schipper and W. E. Dinusson

**GRASSED WATERWAYS** .................................................. 124  
At Dickinson Experiment Station Waterways Stop Gullying and Produce Valuable Hay Crop.  
By T. J. Conlon, R. J. Douglas and W. C. Whitman

**SOIL—FULCRUM OF AGRICULTURE** .................................... 125  
By H. L. Walster

** FUNGICIDAL RUST CONTROL** ............................................. 127  
Continued Trials, in Greenhouse, Experimental Plots and on Farms, Show That Chemicals May Have Considerable Value in Controlling Stem Rust in Cereal Grains.  
By W. E. Brentzel

**ROUGHAGE TRIALS** ...................................................... 133  
Corn Is Dependable, Yields the Most Palatable Roughage, and Does a Job in Controlling Weeds.  
By T. J. Conlon and R. J. Douglas

**PLANT IDENTIFICATION** ................................................ 136  
In Nearly Half Century at This Station, Veteran Botanist Has Identified Some 15,000 Specimens Sent or Brought to Him by Inquirers.  
By O. A. Stevens

**LIVESTOCK NUMBERS RISE** .............................................. 141  
Cattle, Swine, Sheep, Turkey Numbers Showing Increase on North Dakota Farms, Report Federal Agricultural Statisticians.  
By C. J. Heltemes, L. W. Orvold and B. B. Barr

**BRANCH STATIONS** ....................................................... 143  
Summary of 1955 Activities at Six Branch Stations.

**NORTH DAKOTA PRICES** ................................................ 146  
Farm Prices First Two Months of 1956 Some Stronger; Wheat Prices on Down Trend for More Than Year.  
By Perry V. Hemphill

---

**COVER PICTURE**—The Western Meadowlark, North Dakota's "official" state bird, is pictured on our cover. Allan Brooks painted the picture, reproduced courtesy of the National Audubon Society. We obtained the plates for this picture from Ben Meier, Secretary of State, who has published an interesting folder depicting North Dakota's various official emblems.