

INTRODUCTION

This is a report of agronomic investigations conducted at the Dickinson Experiment Station in 1953.

The Dickinson Experiment Station, a branch station of the North Dakota Agricultural Experiment Station, is under the supervision of Mr. Raymond J. Douglas, Superintendent. It is located one and one half miles northwest of the City of Dickinson, Stark County, North Dakota, at the latitude of 46^o 53' and longitude of 102^o 49'. Elevation of the Dickinson Experiment Station is 2500' above sea level. The total area of the station, including summer grazing land in the Badlands 35 miles southwest of the Station, is approximately 1,700 acres. Major soil types are fine sandy loam and clay loam.

The completion of work for 1953 marks the 47th year of continuous investigations in agronomy at the Dickinson Experiment Station. Work in 1953 included: continuation of rotation and tillage trials begun in 1950; fertilizer trials on wheat; continuation of roughage trials begun in 1950; continuation of small grain varietal trials, which included 20 hard red spring wheats, 2 durum wheats, 18 oat varieties, 16 barley varieties and 15 varieties of flax; corn nursery work with 20 varieties and strains of corn and small scale nursery trials with new strains and selections of winter wheat, spring wheat, oats and barley.

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