

The Board of Grain Commissioners' regulations for the drying of wheat are based on exhaustive investigations made about 25 years ago by the National Research Council of Canada in cooperation with the Board's Laboratory. The results of these studies were published in the National Research Council's Report No. 24 (1929) entitled, "The Drying of Wheat." Subsequent practical experience has served to confirm the recommendations made in the report.

Total grain drying capacity in Canada, at the Lakehead, Vancouver, and certain interior points, is estimated at about 960,000 bushels per day. In most years only a small proportion of the total capacity is required to handle tough and damp grain. But in wet falls, and 1950 was certainly in this class, all driers may be in operation round the clock.

The results obtained with Canadian grain should be applicable to North Dakota conditions, and so the air used in drying should be kept below 180° Fahrenheit, except for malting barley, where it should be 110° Fahrenheit. Lower limit of the dry grain moisture should be 13.5 percent.

Durum wheat drying should be done in the same manner as hard red spring wheat, and no damage to quality then would be expected. The color should not be expected to be equal to that of normal dry grain because the color would be impaired by the exposure of the grain to damp weather in the field, and drying would not restore or improve it.

SOME POPULATION FIGURES

Source: 1948 BRITANNICA BOOK OF THE YEAR—BASED UPON LATEST OFFICIAL ESTIMATES FROM EACH COUNTRY.

	People	Persons per square mile
World	2,247,361,000	42.8*
North America	204,783,000	21.8
South America	102,760,000	15.0
Africa	169,777,000	14.6
Australia and Oceania	11,693,000	3.5
Europe (exclusive of USSR)	380,322,000	199.3
Asia (exclusive of USSR)	1,185,126,000	107.2
USSR (in both Europe and Asia)	192,900,000	22.8
1947 area, 1945 pop. est.		

*The area of Antarctica, wholly unpopulated, was omitted in this calculation. Alongside these world figures note the following U. S. figures:

United States	144,708,000	47.9
United States Possessions	2,334,000	
North Dakota		
1940 census—rural	510,012	
1940 census—urban	131,923	
1940 census—total	641,935	
July 1, 1944 estimate—total	528,071	7.5**

**Based upon a land area of 70,054 sq. miles.