

hen during the wintering period of November 8 to January 2 and 37.7 pounds during the breeding season, January 3 to May 31. Toms consumed 62.4 and 122.5 pounds of feed for the two periods respectively.

Feed Consumption of Broad Breasted Bronze Turkey Breeders

		Pounds of Feed Per Bird		Total
		Wintering Period	Breeding Season	
Hens	Mash	Lbs. 6.4	Lbs. 51.1	Lbs. 57.5
	Grain	30.7	36.6	67.3
	Total	37.1	87.7*	124.8
Toms	Mash	18.8	45.9	64.7
	Grain	43.6	76.6	120.2
	Total	62.4	122.5	184.9
Flock 44 hens + 4 toms	Mash		52.8	
	Grain		37.8	
	Total		90.6	

*Calculated from data for flock assuming the toms in the flock ate the same total amount of feed as the separated toms.

KNOW YOUR BARLEY—A REVIEW

If you want to know your barley, you will find Technical Bulletin No. 907, U. S. Department of Agriculture (May, 1946), entitled "Classification of Barley Varieties Grown in the United States and Canada in 1945," a handbook of valuable information. The authors are Ewert Aberg, a Swedish agronomist, and G. A. Wiebe, Principal Agronomist, Division of Cereal Crops and Diseases, B.P.I. S., & A.E., USDA. The North Dakota Agricultural Experiment Station was one of the experiment stations which cooperated by maintaining barley classification nurseries. The authors have included a key for the Identification of Varieties from the threshed grain, a difficult task. This key is based upon two groups of characters: (1) kernel characters, and (2) spike characters which may or may not be observable in the threshed grain—this second group includes characters of the awn, glume, hood, rachis, etc. This second group of characters will, of course, be more easily noted in a sample of poorly threshed grain.

A large section of the bulletin is given to a complete botanical description of each variety and a brief summary of its history and distribution. The index deserves special commendation, for it furnishes recognized names of varieties, synonyms used in naming varieties, the C.I. number, the Station number, the type as to winter, spring and a classification as to commercial use, breeding material, or special interest.

The bulletin is illustrated with 92 splendid original illustrations, mostly from unusually good photographs.

Technical Bulletin No. 907 should be an indispensable handbook for the teacher of farm crops, for the seedsman who wants to keep himself informed, for seed laboratories, and for plant breeders. (Reviewed by H. L. Walster.)