

15 percent of infection. Establishments engaged in canning poultry meat often refuse to buy fowls from districts having even a moderate degree of infection because of the losses resulting from affected parts, which must be destroyed.

ELMER LASH, *Bureau of Animal Industry.*

VEGETABLE-DESCRIPTION The Yearbook of Agriculture Work Progresses; First Reports Now Available for 1932 contained a brief outline and progress report upon the Department's vegetable variety standardization and description project. Nearly half of the State agricultural experiment stations, widely distributed over the country, have cooperated with the Department in studying a total of 78 of the most important varieties of tomatoes, cabbage, peas, carrots, beets, spinach, and onions. Many hundreds of strains and stocks have been grown and carefully studied in about 25 different locations in informal collaboration with representatives of the seed and vegetable industries. The first completed reports on this large, long-time project are now available at small cost. These publications are thoroughly illustrated, many of the illustrations being in natural color. The publications now available are as follows:

Miscellaneous Publication 160, Descriptions of Types of Principal American Varieties of Tomatoes. Price 35 cents.

Miscellaneous Publication 169, Descriptions of Types of Principal American Varieties of Cabbage. Price 40 cents.

Miscellaneous Publication 170, Descriptions of Types of Principal American Varieties of Peas. Price 45 cents.

Descriptions and illustrations of the most desirable type of each variety are presented, together with other descriptions and illustrations of unavoidable deviations from the standard type that may be obtained in different parts of the United States. It is thus recognized that a certain variety may not—indeed usually does not—exhibit the same appearance under all the conditions under which it can be successfully grown. This is an especially important feature of the work, since it represents the first attempt to prepare for vegetable varieties descriptions that can be used with confidence on a Nation-wide basis.

Orders and remittance for these publications should be sent to the Superintendent of Documents, Government Printing Office, Washington, D.C.

VICTOR R. BOSWELL, *Bureau of Plant Industry.*

VITAMIN Standards of Vitamins have assumed such an International Conference important role in nutrition that in Being Adopted in U.S. recent years particular attention has been devoted to their quantitative determination. Physical and chemical methods are now being developed which may prove satisfactory for the determination of some of the vitamins in particular products, but for the present we must rely on biological assays, that is, determination of the vitamin content of a product by the use of experimental animals.