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UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D.C.



OFFICIAL GRAIN STANDARDS OF THE UNITED STATES

for

SOYBEANS

Promulgated May 31, 1941
Effective September 1, 1941

UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Marketing Service

(Title 7, Chapter 1, Part 26, of the
Code of Federal Regulations)

GRAIN STANDARDS

Subpart - Official Grain Standards of the
United States for Soybeans 1/

By virtue of the authority vested in the Secretary of Agriculture by the United States Grain Standards Act, approved August 11, 1916, as amended, (U. S. Code, Title 7, ch. 3, sec. 74), I, Paul H. Appleby, Acting Secretary of Agriculture, do hereby fix, establish, promulgate, and give public notice of the following amendment to the official grain standards of the United States, which shall become effective on the first day of September, 1941. Such amendment shall constitute a complete revision of Subpart-Official Grain Standards of the United States for Soybeans, Sections 26.601 to 26.608, inclusive, of Part 26, Chapter I, Title 7, of the Code of Federal Regulations, as follows:

26.601 Terms defined. For the purposes of the official grain standards of the United States for soybeans:

Soybeans. Soybeans shall be any grain which, before the removal of dockage, consists of 50 percent or more of threshed soybeans and not more than 10 percent of other grains for which standards have been established under the provisions of the United States Grain Standards Act.

Classes. Soybeans shall be divided into five classes as follows: Class I, Yellow Soybeans; Class II, Green Soybeans; Class III, Brown Soybeans; Class IV, Black Soybeans; and Class V, Mixed Soybeans.

26.602 Yellow soybeans (class I) defined. This class shall include all varieties of yellow soybeans and may include not more than 10 percent of soybeans of other colors, but may include not more than 5 percent of brown, black, and/or bicolored soybeans, either singly or in any combination. A tinge of green on soybeans otherwise yellow shall not affect their classification as Yellow soybeans,

26.603 Green soybeans (class II) defined. This class shall include all varieties of green soybeans and may include not more than 10 percent of soybeans of other colors, but may include not more than 5 percent of brown, black, and/or bicolored soybeans, either singly or in any combination.

1/ The specifications of these standards shall not excuse failure to comply with the provisions of the Federal Food, Drug and Cosmetic Act.

26.604 Brown soybeans (class III) defined. This class shall include all varieties of brown soybeans and may include not more than 10 percent of soybeans of other colors.

26.605 Black soybeans (class IV) defined. This class shall include all varieties of black soybeans and may include not more than 10 percent of soybeans of other colors.

26.606 Mixed soybeans (class V) defined. This class shall include all mixtures of soybeans not provided for in the classes I to IV, inclusive. Bicolored soybeans shall be classified as Mixed soybeans.

Grades. Soybeans shall be graded and designated according to the respective grade requirements of the numerical grades and Sample grade of the appropriate class and according to the special grade when applicable.

26.607 Soybeans; grade requirements. Grade requirements for Yellow Soybeans, Green Soybeans, Brown Soybeans, Black Soybeans, and Mixed Soybeans.

Grade No.	Minimum	Maximum limits of -			
	test weight per bushel	Moisture	Splits	Damaged kernels (soybeans and other grains)	Foreign material other than dockage
	Pounds	Percent	Percent	Percent	Percent
1 <u>1/</u>	56	13	10	2	1
2 <u>1/</u>	54	14	15	3	2
3	52	16	20	5	3
4 <u>2/</u>	49	18	30	8	5

Sample grade : Sample grade shall include soybeans of any of the classes Yellow Soybeans, Green Soybeans, Brown Soybeans, Black Soybeans, or Mixed Soybeans, which do not come within the requirements of any of the grades from No. 1 to No. 4, inclusive; or which contain stones and/or cinders; or which are musty or sour or heating or hot; or which have any commercially objectionable foreign odor; or which are otherwise of distinctly low quality.

1/ The soybeans in Grade No. 1 of each of the classes Yellow Soybeans and Green Soybeans may contain not more than 2 percent, and the soybeans in Grade No. 2 of each of these classes may contain not more than 3 percent of Black, Brown, or bicolored soybeans, singly or combined.

2/ Soybeans that are badly weathered or badly stained shall not be graded higher than No. 4.

26.608 Dockage. Dockage includes weed seeds, weed stems, chaff, straw, grain other than soybeans, sand, dirt, and any other foreign material, which can be removed readily from the soybeans by the use of a 20-gage metal sieve having round-hole perforations $8/64$ inch in diameter; also undeveloped, shriveled, and pieces of soybeans removed in properly separating the foreign material.

The quantity of dockage shall be calculated in terms of percentage. The percentage of dockage so calculated, when equal to 1 percent or more, shall be stated in terms of whole percent, and when less than 1 percent shall not be stated. A fraction of a percent shall be disregarded. The word "Dockage;" together with the percentage thereof, shall be added to the grade designation.

26.609 Special grade; weevily soybeans. Definition. Weevily soybeans shall be soybeans that are infested with live weevils or other insects injurious to stored grain.

Grades. Weevily soybeans shall be graded and designated according to the grade requirements of the standards otherwise applicable and there shall be added to, and made a part of, the grade designation, the word "Weevily."

26.610 Grade factors; definitions (a) Basis of grade determinations. Each determination of moisture, dockage, temperature, odor, live weevils or other insects injurious to stored grain, shall be upon the basis of the grain as a whole. All other determinations shall be upon the basis of the grain when free from dockage.

(b) Percentages. Percentages, except in the case of moisture, shall be percentages ascertained by weight.

(c) Percentage of moisture. Percentage of moisture shall be that ascertained by the water oven and the method of use thereof described in Service and Regulatory Announcements No. 147 of the Agricultural Marketing Service of the United States Department of Agriculture, or ascertained by any device and method which give equivalent results.

(d) Test weight per bushel. Test weight per bushel shall be the weight per Winchester bushel, as determined by the testing apparatus and the method of use thereof described in Bulletin No. 1065, dated May 18, 1922, issued by the United States Department of Agriculture, or as determined by any device and method that give equivalent results.

(e) Splits. Splits shall be pieces of kernels of soybeans that are not damaged.

(f) Damaged kernels. Damaged kernels shall be kernels and pieces of kernels of soybeans and other grains which are heat-damaged, sprouted, frosted, badly ground-damaged, badly weather-damaged, or otherwise materially damaged.

(g) Other grains. Other grains shall include wheat, rye, oats, corn, grain sorghums, barley, hull-less barley, flaxseed, emmer, spelts, einkorn, Polish wheat, poulard wheat, and cultivated buckwheat.

(h) Foreign material. Foreign material shall be all matter other than soybeans which is not separated from the soybeans in the proper determination of dockage.

Done at Washington, D.C., this 31st
day of May 1941. Witness my hand and
the seal of the Department of Agriculture.

/s/

Paul H. Appleby
Acting Secretary of Agriculture

SEAL

