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USDA GRADE STANDARDS

for Food and Farm Products

PLANT SYSTEM SECTION
OF SERIAL RECORDS

JUN 8 '78

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PREFACE

U.S. grade standards are used extensively in marketing farm products. They are the basis of the Federal and Federal-State grading services, and manufacturers and packers often use them in quality control work.

Use of the standards is voluntary in most cases but some States and communities require the use of certain standards in their areas. Federal marketing agreements and orders often require the use of U.S. standards, and some Federal statutes specify mandatory use of Federal grade standards under certain conditions. A list of these statutes and a brief explanation of their provisions is contained in the appendix on page 15.

This pamphlet lists all the U.S. Department of Agriculture grade standards in effect as of December 21, 1977.

These standards are developed and issued by the Food Safety and Quality Service (FSQS), the Agricultural Marketing Service (AMS), and the Federal Grain Inspection Service (FGIS). Although a few are practical (physical) forms, most are descriptive standards available as individual publications. To obtain copies, write to the division and agency listed, U.S. Department of Agriculture, Washington, D.C. 20250.

The Code of Federal Regulations (CFR) contains all the USDA grade standards. It is revised annually and amendments to the standards are published--when issued--in the FEDERAL REGISTER. The Code of Federal Regulations is available at local libraries or may be purchased from the Government Printing Office (GPO), Washington, D.C. 20402. Volumes containing grade standards are listed below. Contact GPO for prices.

7 CFR, parts 0-45	Cotton, Linters, Grain, Wool, Tobacco
7 CFR, parts 46-71	Live Animals
7 CFR, parts 53-209	Cottonseed, Beans, Peas, Lentils, Rice, Hay, Straw, Rosin, and Turpentine
7 CFR, parts 2800-2851	General, Fresh Fruits and Vegetables
7 CFR, part 2852	Processed Fruits and Vegetables
7 CFR, parts 2853-end	Dairy Products, Meat, Poultry and Poultry Products

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AGRICULTURE HANDBOOK NO. 533
Supersedes AH-341, "USDA Standards
for Food and Farm Products"

May 1978

COTTON AND COTTONSEED

WRITE TO: COTTON DIVISION, AMS

Cotton

Official cotton standards of the United States for the grade of American Upland cotton. July 1, 1975. (CN regulations No. 180) 28.401 1/
Official cotton standards of the United States for the grade of American Pima cotton. July 1, 1970. (CN regulations No. 180) 28.501
Official cotton standards of the United States for length of staple. August 1, 1961. (CN regulations No. 180) 28.301
Official cotton standards of the United States for fiber fineness and maturity. June 1, 1966. (CN regulations No. 180) 28.601

Cottonseed

Standards for grades of cottonseed sold or offered for sale for crushing purposes within the United States. Oct. 9, 1972. (CN regulations No. 179) 61.101

Linters

Official cotton linters standards of the United States for grade. July 1, 1956. (CN regulations No. 180) 28.201
Official cotton linters standards of the United States for staple. July 1, 1957. (CN regulations No. 180) 28.215

GENERAL

WRITE TO: STATISTICS AND TECHNICAL SUPPORT STAFF, FSQS

Standards for condition of food containers. Nov. 1, 1976. 2842.101
Standards for sampling plans. May 5, 1964. 2843.101

1/ Numbers following each reference to a standard refer to the location of the standard in the Code of Federal Regulations, Title 7. Thus the reference "28.401" should be read as 7CFR28.401. This shows that the standard begins at paragraph 401, part 28, Title 7 of the Code. See preface for details on obtaining copies of the CFR.

The date shown after each standard refers to the last date the standard was issued, revised, or amended.

DAIRY PRODUCTS

WRITE TO: POULTRY AND DAIRY QUALITY DIVISION, FSQS

Butter. April 1, 1960. 2858.2621
Cheddar cheese. May 1, 1956. 2858.2501
Colby cheese. January 15, 1973. 2858.2475
Dry Buttermilk. January 31, 1971. 2858.2651
Dry Whole Milk. January 31, 1971. 2858.2701
Dry Whey. January 31, 1971. 2858.2601
Edible Dry Casein (Acid). September 1, 1968. 2858.2800
Instant Nonfat Dry Milk. October 1, 1970. 2858.2750
Monterey (Monterey Jack) cheese. January 15, 1973. 2858.2465
Nonfat Dry Milk (Roller Process). April 1, 1973. 2858.2550
Nonfat Dry Milk (Spray Process). April 1, 1973. 2858.2525
Scorched Particle Standards for Dry Milk. March 3, 1951. 2858.2676
(Visual aid of four disks--7.5 mg to 32.5 mg) price \$3.75. 2/
Sediment Standards for Milk and Milk Products. Dec. 3, 1949. 2858.2726
Visual aid of ten 1-1/8 inch sizes--0 mg to 2.5 mg. And May 4, 1964,
visual aids of six standards for a 1-1/8 inch diameter filtering area--
commonly used for "off-the-bottom" can testing--0 mg to 6.0 mg
(2858.2728), of six standards for a 0.40 inch diameter filtering area--
commonly used for bulk milk sample testing--0 mg to 6.0 mg equiv.
(2858.2730), of three commonly used standards of 1-1/8 inch diameter--.50
mg to 2.5 mg (2858.2729), and three commonly used standards of 0.40 inch
diameter--0.50 mg to 2.50 mg equiv. (2858.2731) 3/
Sept. 1, 1977, visual aid for three standards for 0.10 inch, 0.14 inch,
and 0.20 inch diameter filtering areas for use with universal milk sam-
ples. (2858.2732) price \$3.75 2/
Swiss cheese. August 11, 1966. 2858.2570
Bulk American Cheese for Manufacturing. December 22, 1971. 2858.2455

FRUIT AND VEGETABLES, FRESH

WRITE TO: FRUIT AND VEGETABLE QUALITY DIVISION, FSQS

Uniform grade nomenclature policy for U.S. Standards for grades of fresh
fruits, vegetables, nuts and other special products. July 1, 1976.
2951.100
Basic trading grades
Anise, sweet. March 15, 1973. 2851.2900
Apples. September 1, 1964; amended Oct. 1, 1966 & July 25, 1972. 2858.300;
amended March 25, 1976. 2851.309
Apricots. May 25, 1928. 2851.2925
Artichokes. May 15, 1969. 2851.3785
Asparagus. April 1, 1966. 2851.3720
Avocados. September 3, 1957. 2851.3050
Beans, lima. January 5, 1938. 2851.3805
Beans, snap. August 1, 1936. 2851.3830
Beets. August 1, 1955. 2851.375
Beet Greens. June 1, 1959. 2851.2860
Blueberries. June 1, 1966. 2851.3475
Broccoli, Bunched Italian Sprouting. July 12, 1943. 2851.3555
Brussels Sprouts. January 18, 1954. 2851.2250

- 2/ Visual aids available from Dairy Section Standardization Branch, Poultry
and Dairy Quality Division, FSQS, USDA at prices subject to change.
3/ Visual aids available from USDA Office of Governmental and Public
Affairs at prices subject to change.

FRUITS AND VEGETABLES, FRESH--CONTINUED

Cabbage. September 1, 1945. 2851.450
Cantaloups. April 15, 1961; amended June 30, 1968. 2851.475
Carrots, Bunched. September 18, 1954. 2851.2455
Carrots, Topped. December 20, 1965. 2851.2360
Carrots with Short Trimmed Tops. September 18, 1954. 2851.2485
Cauliflower. March 15, 1968. 2851.540
Celery. April 7, 1959. 2851.560
Cherries, Sweet. May 7, 1971. 2851.2646
Collard or Broccoli Greens. April 16, 1953. 2851.520
Corn, Green. May 18, 1954. 2851.835
Cranberries. August 26, 1971. 2851.2775
Cucumbers. March 1, 1958. 2851.2220
Cucumbers, Greenhouse. October 1, 1934. 2851.3855
Dandelion Greens. February 4, 1955. 2851.2585
Dewberries and Blackberries. February 13, 1928. 2851.4270
Eggplant. October 29, 1953. 2851.2190
Endive, Escarole or Chicory. October 1, 1964. 2851.3535
Garlic. September 4, 1944. 2851.3880
Grapes, American (Eastern Type) Bunch. April 15, 1965. 2851.3610
Grapes, Juice (European Type). July 20, 1939. 2851.4290
Grapes, Table (European or Vinifera Type). May 20, 1971. 2851.880
Grapefruit (California and Arizona). January 9, 1950. 2851.925
Grapefruit (Florida). October 15, 1967; amended Feb. 13, 1968. 2851.750;
 amended Jan. 31, 1973. 2851.784; amended Nov. 22, 1975. 2851.761
Grapefruit (Texas). October 1, 1969. 2851.620
Honey Dew and Honey Ball Melons. April 1, 1967. 2851.3740
Horseradish Roots. July 27, 1936. 2851.3900
Kale. April 25, 1934. 2851.3930
Lemons. September 1, 1964. 2851.2795
Lettuce. December 1, 1975. 2851.2510
Lettuce, Greenhouse Leaf. September 1, 1964. 2851.3455
Limes, Persian (Tahiti). June 20, 1958. 2851.1000
Mushrooms. July 15, 1966. 2851.3385
Mustard Greens and Turnip Greens. March 8, 1953. 2851.1030
Nectarines. April 23, 1966. 2851.3145
Okra. December 18, 1928. 2851.3945
Onions, Bermuda-Granex-Grano. January 1, 1960; amended March 18, 1962.
 2851.3195
Onions, Common Green. June 20, 1947. 2851.1055
Onions, Creole. April 10, 1943. 2851.3955
Onions (Other than Bermuda-Granex-Grano and Creole Types). December 15,
 1966; amended October 1, 1971. 2851.2830
Onion Sets. February 1, 1940. 2851.3980
Oranges, California and Arizona. September 23, 1957. 2851.1085
Oranges, Texas. October 1, 1969. 2851.681
Oranges and Tangelos, Florida. October 15, 1967; amended Feb. 13, 1968.
 2851.1140; amended Jan. 31, 1973. 2851.1180; amended Nov. 22, 1975.
 2851.1152
Parsley. July 30, 1930. 2851.4000
Parsnips. December 10, 1945. 2851.4010
Peaches. June 15, 1952. 2851.1210
Pears, Summer and Fall. August 20, 1955. 2851.1260
Pears, Winter. September 10, 1955. 2851.1300
Peas, Fresh. June 1, 1942. 2851.1375
Peas, Southern. July 13, 1956. 2851.2670
Peppers, Sweet. May 1, 1960; amended Dec. 15, 1963. 2851.3270

FRUITS AND VEGETABLES, FRESH--CONTINUED

Pineapples. February 23, 1953. 2851.1485
Plums and Prunes, fresh. April 23, 1966; amended May 9, 1969. 2851.1520
Potatoes. September 1, 1971; amended Feb. 5, 1972. 2851.1540
Potatoes, seed. April 29, 1972. 2857.3000
Radishes. October 1, 1968. 2851.2395
Raspberries. May 29, 1931. 2851.4320
Rhubarb (field grown). February 1, 1966. 2851.3665
Romaine. August 10, 1960. 2851.3295
Shallots, bunched. December 16, 1946. 2851.1630
Spinach Leaves. December 27, 1946. 2851.1730
Spinach Plants. November 19, 1956. 2851.2880
Squash, Fall and Winter Type. November 15, 1944. 2851.4030
Squash, Summer. March 26, 1945. 2851.4050
Strawberries. July 1, 1965. 2851.3115
Sweetpotatoes. July 1, 1963. 2851.1600
Tangerines. September 18, 1948. 2851.1770
Tangerines, Florida. October 15, 1967; amended Feb. 13, 1968. 2851.1810; amended Jan. 31, 1973. 2851.1835; amended Nov. 22, 1975. 2851.1818
Tomatoes. Dec. 1, 1973. 2851.1855; correction Sept. 5, 1973; amended Feb. 1, 1975. 2851.1860; amended April 15, 1976. 2851.1859
Tomatoes, Greenhouse. April 19, 1966. 2851.3345
Turnips or Rutabagas. August 1, 1955. 2851.2610
Watermelons. January 15, 1978. 2851.1970

Processing Grades

Apples. June 1, 1961. 2851.340
Asparagus, Green for processing. April 5, 1972. 2851.4075
Beans, Lima, Shelled. June 6, 1953. 2851.355
Beans, Snap. July 26, 1959. 2851.3240
Beets. December 5, 1945. 2851.4095
Berries. June 2, 1947. 2851.860
Blueberries. August 5, 1950. 2851.2025
Broccoli. October 4, 1959. 2851.425
Cabbage. January 17, 1944. 2851.4120
Carrots. January 17, 1944. 2851.4140
Cauliflower. September 4, 1959. 2851.3220
Cherries, Red sour for manufacture. April 20, 1941. 2851.4340
Cherries, Sweet for canning or freezing. June 1, 1946. 2851.4360
Cherries, Sweet for export for sulphur brining. May 28, 1940. 2851.4380
Corn, Sweet. May 15, 1962. 2851.3365
Cranberries. August 24, 1957. 2851.3030
Cucumbers, for pickling. December 10, 1936. 2851.4170
Currants. May 18, 1952. 2851.1950
Grapes, American (Eastern Type) bunch for processing and freezing. July 5, 1943. 2851.4400
Grapes, for processing and freezing. September 1, 1977. 2851.2150
Mushrooms. April 1, 1964. 2851.3435
Okra. December 15, 1965. 2851.3635
Onions. January 17, 1944. 2851.4190
Peaches, Freestone for canning, freezing, or pulping. June 1, 1966. 2851.3695
Pears for processing. July 1, 1970. 2851.1345

FRUIT AND VEGETABLE, FRESH--CONTINUED

Peas, fresh shelled for canning or freezing. January 15, 1946. 2851.4210
Peas, Southern. June 1, 1965. 2851.3585
Peppers, sweet. March 22, 1948. 2851.1465
Potatoes, July 10, 1963. 2851.3410
Potatoes, for chipping. January 1, 1978. 2851.4575
Raspberries. May 18, 1952. 2851.1710
Spinach. July 10, 1956. 2851.2696
Strawberries, growers' stock for manufacture. June 1, 1935. 2851.4415
Strawberries, washed and sorted for freezing. June 1, 1935. 2851.4435
Sweetpotatoes for canning or freezing. July 24, 1959. 2851.1660
Sweetpotatoes for dicing or pulping. July 23, 1951. 2851.1685
Tomatoes. March 1, 1973. 2851.3310
Tomatoes, green. April 15, 1950. 2851.1930
Tomatoes, Italian type for canning. May 7, 1957. 2851.2976

Special Consumer Grades

Beet Greens. November 1, 1958. 2851.3170
Broccoli, Italian sprouting. October 28, 1950. 2851.400
Brussels Sprouts. August 19, 1950. 2851.2050
Carrots. July 17, 1954. 2851.495
Celery. March 27, 1949. 2851.595
Corn, husked on the cob. May 11, 1950. 2851.810
Kale. August 26, 1950. 2851.975
Parsnips. March 23, 1954. 2851.2310
Potatoes. December 8, 1947. 2851.1575
Spinach Leaves. November 11, 1953. 2851.1750
Tomatoes. October 10, 1948. 2851.1900
Turnips. August 20, 1954. 2851.2425

Nuts and Special Products

Almonds, in the shell. July 15, 1964. 2851.2075
Almonds, shelled. August 15, 1960. 2851.2105
Asparagus Plumosus. June 6, 1930. 2851.4455
Brazil Nuts In The Shell. August 25, 1966. 2851.3500
Christmas Trees. April 1, 1973. 2851.3085
Filberts, in the shell. September 1, 1970. 2851.1995
Mixed Nuts, in the shell. September 18, 1970. 2851.3520
Peanuts, cleaned Virginia type in the shell. September 18, 1948. 2851.1235
Peanuts, shelled runner type. July 31, 1956. 2851.2710
Peanuts, shelled spanish type. July 15, 1965. 2851.2730
Peanuts, shelled Virginia type. August 31, 1959. 2851.2750
Pecans, in the shell. October 15, 1976. 2851.1400
Pecans, shelled. July 15, 1969. 2851.1430
Peonies in the bud. April 1, 1938. 2851.4475
Tomato Plants. January 3, 1944. 2851.4505
Walnuts, shelled. January 25, 1959; amended Sept. 1, 1968. 2851.2275
Walnuts, in the shell. Sept. 12, 1964; amended Sept. 1, 1968. 2851.2945;
amended November 15, 1976. 2851.2954

FRUITS AND VEGETABLES, PROCESSED

WRITE TO: FRUIT AND VEGETABLE QUALITY DIVISION, FSQS

Apples, canned. October 17, 1953. 2852.2161
Apples, dried. October 24, 1955. 2852.2481
Apples, dehydrated (low moisture). July 31, 1977. 2852.2341
Apples, frozen. May 17, 1954. 2852.361
Apple Butter, canned. August 5, 1957. 2852.2801
Apple Juice, canned. July 1, 1971. 2852.301
Apple Juice, concentrated, frozen. May 15, 1975. 2852.6321
Applesauce, canned. June 25, 1974. 2852.331
Apricots, canned. May 12, 1976. 2852.2641
Apricots, dehydrated (low moisture). June 30, 1974. 2852.3871
Apricots, dried. May 24, 1967. 2852.5761
Apricots, frozen. June 20, 1963. 2852.5521
Apricots, solid-pack, canned. May 12, 1976. 2852.6241
Asparagus, canned. June 20, 1973. 2852.2541
Asparagus, frozen. June 30, 1974. 2852.381
Beans, baked, canned. September 1, 1976. 2852.6461
Beans, dried, canned. September 1, 1976. 2852.411
Beans, green and wax, canned. February 13, 1972. 2852.441
Beans, green and wax, frozen. May 8, 1975. 2852.2321
Beans, lima canned. March 20, 1960. 2852.471
Beans, lima frozen. April 16, 1957. 2852.501
Beans, speckled butter (lima) frozen. July 21, 1962. 2852.5241
Beets, canned. February 4, 1955. 2852.521
Berries, frozen. May 24, 1967. 2852.5881
Blackberries and other similar berries, canned. May 12, 1976. 2852.551
Blueberries, canned. May 12, 1976. 2852.581
Blueberries, frozen. May 7, 1955. 2852.611
Broccoli, frozen. July 1, 1975. 2852.631
Brussels Sprouts, frozen. May 11, 1951. 2852.651
Carrots, canned. July 2, 1959. 2852.671
Carrots, frozen. February 28, 1974. 2852.701
Cauliflower, frozen. November 12, 1951. 2852.721
Cherries, Red Tart Pitted, canned. May 12, 1976. 2852.771
Cherries, Red Tart Pitted, frozen. June 28, 1974. 2852.801
Cherries, sweet canned. May 12, 1976. 2852.821
Cherries, sweet frozen. March 1, 1958. 2852.3161
Chili Sauce, canned. October 20, 1953. 2852.2191
Corn, Cream Style, canned. July 1, 1957. 2852.851
Corn-On-The-Cob, frozen. July 27, 1970. 2852.931
Corn, Whole Kernel, canned. July 30, 1952. 2852.881
Corn, Whole Kernel, frozen. August 1, 1952. 2852.911
Cranberry Sauce, canned. March 19, 1951. 2852.951
Cranberries, frozen. September 22, 1971. 2852.6281
Dates. August 26, 1955. 2852.1001
Figs, Kadota, canned. May 12, 1976. 2852.2821
Figs, dried. February 27, 1967. 2852.1021
Fruit Cocktail, canned. May 12, 1976. 2852.1051
Fruit Jelly. January 2, 1948. 2852.1081
Fruit Preserves (or Jams). October 29, 1974. 2852.1111
Fruits For Salad, canned. June 20, 1973. 2852.3831
Grape Juice, canned. May 14, 1951. 2852.1341
Grape Juice, concentrate, sweetened, frozen. November 1, 1957. 2852.2451
Grapefruit, canned. October 25, 1973. 2852.1141

FRUITS AND VEGETABLES, PROCESSED--CONTINUED

Grapefruit, frozen. February 20, 1948. 2852.1171
Grapefruit and Orange For Salad, canned. April 8, 1975. 2852.1251
Grapefruit Juice. December 7, 1968. 2852.6121
Grapefruit Juice, concentrated, frozen. October 1, 1970. 2852.1221
Grapefruit Juice, dehydrated. July 1, 1969. 2852.3021
Grapefruit Juice and Orange Juice, canned. November 1, 1972. 2852.1281
Grapefruit Juice and Orange Juice, concentrated, blended, frozen
 September 21, 1968. 2852.1311
Grapefruit Juice for Manufacturing, concentrated. March 20, 1957. 2852.3481
Grapes, canned. May 12, 1976. 2852.4021
Hominy, canned. March 10, 1958. 2852.3281
Leafy Greens, canned. September 1, 1973.
Leafy Greens, (other than Spinach) frozen. June 13, 1952. 2852.1371
Lemon Juice, canned. December 8, 1962. 2852.5481
Lemon Juice, concentrated for manufacturing. August 1, 1959. 2852.3951
Lemonade, concentrate, frozen. September 21, 1968. 2852.1421
Limeade, concentrate, frozen. September 21, 1968. 2852.2521
Melon Balls. June 25, 1962. 2852.5361
Mushrooms, canned. April 7, 1962. 2852.1281
Okra, canned. July 8, 1957. 2852.3331
Okra, frozen. August 20, 1969. 2852.1511
Okra and Tomatoes, Tomatoes and Okra, canned. December 24, 1957. 2852.3427
Olives, green. September 8, 1967. 2852.5441
Olives, ripe, canned. September 1, 1977. 2852.3751
Onion Rings, breaded, frozen. October 17, 1959. 2852.4061
Onions, canned. November 2, 1957. 2852.3041
Orange Juice, canned. February 17, 1976. 2952.1551
Orange Juice, dehydrated. February 17, 1976. 2852.2981
Orange Juice, concentrated, canned. February 17, 1976. 2852.2251
Orange Juice, concentrated, frozen. February 17, 1976. 2852.1581
Orange Juice, concentrated for manufacturing. Feb. 17, 1976. 2852.2221
Orange Juice, pasteurized. February 17, 1976. 2852.5641
Orange Juice, from concentrate. February 17, 1976. 2852.5681
Orange Marmalade. December 31, 1974. 2852.1451
Peaches, dehydrated (low moisture). June 30, 1974. 2852.3911
Peaches, dried. May 24, 1967. 2852.5801
Peaches, frozen. July 3, 1961. 2852.3551
Peaches, Clingstone, canned. May 12, 1976. 2852.2561
Peaches, Freestone, canned. May 12, 1976. 2852.2601
Pears, canned. May 12, 1976. 2852.1611
Pears, dried. May 24, 1967. 2852.5841
Peas, canned. May 13, 1955. 2852.2281
Peas, frozen. May 28, 1959. 2852.3511
Peas and Carrots, canned. July 20, 1970. 2852.6201
Peas and Carrots, frozen. March 20, 1955. 2852.2501
Peas, Field and Blackeye, canned. July 1, 1957. 2852.1641
Peas, Field and Blackeye, frozen. May 24, 1976. 2852.1661
Peppers, sweet, frozen. March 13, 1959. 2852.3001
Pickles. September 1, 1966. 2852.1681
Pimientos, canned. October 23, 1967. 2852.2681
Pineapple, canned. March 16, 1957. 2852.1711
Pineapple, frozen. January 25, 1949. 2852.1741
Pineapple Juice, canned. March 16, 1957. 2852.1761
Plums, canned. January 10, 1977. 2852.1781
Plums, frozen. March 6, 1956. 2852.2911

FRUITS AND VEGETABLES, PROCESSED--CONTINUED

Pork & Beans, canned. September 1, 1976. 2852.6441
Potatoes, French Fried, frozen. February 8, 1967. 2852.2391
Potatoes, Hash Brown. November 15, 1976. 2852.6401
Potatoes, White, canned. December 1, 1977. 2852.1811
Prunes, dehydrated (low moisture). June 13, 1960. 2852.3231
Prunes, dried, canned. May 12, 1976. 2852.5601
Prunes, dried. October 11, 1965. 2852.3181
Pumpkin (Squash), canned. July 1, 1957. 2852.2741
Raisins, processed. September 1, 1976. 2852.1841
Raspberries, canned. May 12, 1976. 2856.3311
Raspberries, frozen. July 1, 1957. 2852.1871
Rhubarb, frozen. August 15, 1945
Sauerkraut, canned. May 13, 1963. 2852.2951
Spinach, canned. May 8, 1971. 2851.1901
Spinach, frozen. September 7, 1964. 2852.1921
Squash (cooked) frozen. October 5, 1953. 2852.1941
Squash (summer type) canned. May 25, 1959. 2852.3581
Squash (summer type) frozen. April 3, 1953. 2852.1961
Strawberries, frozen. February 1, 1958. 2852.1981
Succotash, canned. May 24, 1967. 2852.6001
Succotash, frozen. March 6, 1959. 2852.2011
Sweetpotatoes, canned. August 16, 1976. 2852.2041
Sweetpotatoes, frozen. September 4, 1962. 2852.5001
Tangerine Juice, canned. July 1, 1969. 2852.2071
Tangerine Juice, concentrated for manufacturing, canned. October 31, 1955.
2852.2931
Tomatoes, canned. July 24, 1964. 2852.5161
Tomato Catsup. August 31, 1953. 2852.2101
Tomato Juice, canned. June 24, 1958. 2852.3621
Tomato Juice, concentrated. February 25, 1970. 2852.5201
Tomato Paste, canned. September 19, 1977. 2852.5041
Tomato Puree (tomato pulp) canned. February 25, 1970. 2852.5081
Tomato Sauce, canned. October 21, 1960. 2852.2371
Turnip Greens with Turnips, frozen. August 19, 1958. 2852.3731
Vegetables, Mixed, frozen. May 24, 1954. 2852.2131

Honey and Sugar Products

Honey, comb. May 24, 1967. 2852.2861
Honey, extracted. April 16, 1951. 2852.1391
Maple Sirup for Reprocessing. May 24, 1967. 2852.5921
Maple Sirup, table. May 24, 1967. 2852.5961
Molasses, Sugarcane. November 16, 1959. 2852.3651
Refiners' Sirup. June 15, 1967. 2852.3101
Sugarcane Sirup. April 16, 1957. 2852.3101

Miscellaneous Processed Products

Cherries, Sulfured. June 12, 1951. 2852.741
Olive Oil. March 22, 1948. 2852.1531
Peanut Butter. February 5, 1972. 2852.3061
Potatoes, White, peeled. June 8, 1954. 2852.2421
Sauerkraut, bulk. May 24, 1967. 2852.3451

GRAIN AND RELATED COMMODITIES
(INCLUDING SOYBEANS)

WRITE TO: FEDERAL GRAIN INSPECTION SERVICE

Grain

Barley. Jan. 8, 1974. 26.201
Corn. Jan. 8, 1974. 26.351
Flaxseed. Jan. 8, 1974. 26.501
Mixed Grain. Jan. 8, 1974. 26.251
Oats. June 1, 1975. 26.251
Rye. Jan. 8, 1974. 26.401
Sorghum. June 1, 1974. 26.551
Soybeans. Jan. 8, 1974. 26.601
Wheat. May 1, 1977. 26.301

Beans, Peas, Lentils, and Rice

Beans. August 1, 1969. 68.101
Lentils. December 1, 1971. 68.601
Peas, Whole Dry. July 1, 1974. 68.401
Peas, Split. December 1, 1971. 68.501
Rice, Rough. August, 1977. 68.201
Brown Rice for Processing. August, 1977. 68.251
Rice, Milled. August, 1977. 68.301

Hay and Straw

Alfalfa and Alfalfa Mixed Hay. June 1, 1949. 57.3
Cowpea and Cowpea Mixed Hay. June 1, 1949. 57.10
Grass Hay. June 1, 1949. 57.12
Grain, Wild Oats, Vetch, and Grain Mixed Hay. June 1, 1949. 57.7
Johnson and Johnson Mixed Hay. June 1, 1949. 57.6
Lespedeza and Lespedeza Mixed Hay. June 1, 1949. 57.8
Mixed Hay. June 1, 1949. 57.13
Peanut and Peanut Mixed Hay. June 1, 1949. 57.11
Prairie Hay. June 1, 1949. 57.5
Soybean and Soybean Mixed Hay. June 1, 1949. 57.9
Timothy and Clover Hay. June 1, 1949. 57.4
Straw. July 1, 1949. 57.50 (Wheat Straw, Oat Straw, Barley Straw, Rye Straw, and Rice Straw)

(Handbook of Official Hay and Straw Standards, Revised 1949.)

LIVESTOCK AND WOOL

WRITE TO: LIVESTOCK DIVISION, AMS

Live Animals

Slaughter Cattle. (steer, bullock, bull, cow, and heifer) April 14, 1975. 53.201 (Quality and Yield)
Slaughter Vealers and Calves. January 1, 1972. 53.120
Feeder Cattle. September 25, 1964. 53.208
Slaughter Lambs and Sheep. (Quality and Yield) March 1, 1969. 53.130
Slaughter Barrows and Gilts. July 1, 1968. 53.152
Slaughter Sows. September 1, 1956. 53.154
Feeder Pigs. April 1, 1969. 53.158

Wool

Grease Wool. January 1, 1966. 31.0
Wool Top. January 11, 1969. 31.100
Grease Mohair. August 1, 1971. 32.1
Mohair Top. January 1, 1973. 32.100

MEAT

WRITE TO: MEAT QUALITY DIVISION, FSQS

Carcass Beef. (steer, heifer, and cow; bullock; and bull) April 14, 1975. 2853.102 (Quality and Yield)
Veal and Calf Carcasses. January 1, 1972. 2853.112
Lamb, Yearling Mutton, and Mutton Carcasses. 2853.122
(Quality) March 1, 1960.
(Yield) March 1, 1969.
Barrow and Gilt Carcasses. April 1, 1968. 2853.132
Sow Carcasses. September 1, 1956. 2853.137

POULTRY AND POULTRY PRODUCTS (INCLUDING RABBITS)

WRITE TO: POULTRY AND DAIRY QUALITY DIVISION, FSQS

Eggs, shell. June 30, 1975. 2856.200 (Regulations governing the grading of shell eggs and United States Standards, Grades, and Weight Classes for Shell Eggs.)
Poultry and Rabbits. July 15, 1976. 2870.200 and 2870.300 (Regulations Governing the Voluntary Grading of Poultry Products and Rabbit Products and United States Classes, Standards, and Grades with respect thereto.)

TOBACCO, NAVAL STORES

WRITE TO: TOBACCO DIVISION, AMS

Flue-Cured Tobacco. (U.S. Types 11, 12, 13, and 14) April 25, 1977.
29.21091

Fire-Cured Tobacco. (U.S. Type 21) August 10, 1972. 29.2251

Fire-Cured Tobacco. (U.S. Types 22 and 23) August 11, 1972. 29.2501

Burley Tobacco. (U.S. Type 31) July 27, 1970. 29.3001

Maryland Tobacco. (U.S. Type 32) April 7, 1969. 29.3251

Dark Air-Cured Tobacco. (U.S. Types 35, 36, and 37) August 22, 1965.
29.3501

Pennsylvania Seedleaf Tobacco. (U.S. Type 41) January 8, 1965. 29.4251

Ohio Cigar-Leaf Tobacco. (U.S. Types 42, 43, and 44) December 8, 1963.
29.4501

Puerto Rican Cigar-Filler Tobacco. (U.S. Type 46) January 6, 1964.
29.5251

Connecticut Valley Cigar-Binder Tobacco. (U.S. Types 51 and 52) September
27, 1962. 29.5501

Wisconsin Cigar-Binder Tobacco. (U.S. Types 54 and 55) November 20, 1969.
29.6001

Connecticut Valley Shade-Grown Tobacco. (U.S. Type 61) April 25, 1971.
29.6251

Georgia and Florida Shade-Grown Tobacco. (U.S. Type 62) April 25, 1971.
29.6501

Rosin, Gum Wood, and Tall Oil. September 15, 1968. 160.302

Turpentine. February 8, 1952. 160.7 (Gum Spirits of Turpentine, Steam
Distilled Wood Turpentine, and Sulphate Wood Turpentine) (SRA-PMA 170)

INSTITUTIONAL MEAT PURCHASE SPECIFICATIONS

The Institutional Meat Purchase Specifications (IMPS) are not official USDA standards. They were developed in conjunction with procurement agencies and suppliers and are approved for use in meat procurement programs in which the meats are examined, accepted, and certified by Federal meat graders.

IMPS are not distributed through USDA but may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Those available are:

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APPENDIX

ACTS OF CONGRESS MAKING STANDARDS MANDATORY UNDER CERTAIN CONDITIONS

Naval Stores Act of 1923--Makes mandatory the use of Federal Standard Grades for all rosin sold in interstate commerce and requires all turpentine sold in interstate commerce to be one of the kinds recognized under the act and defined in the Federal Standards. Also requires turpentine to meet the specifications of the American Society for Testing and Materials as to Quality.

Tobacco Inspection Act--Provides for free and mandatory inspection of tobacco (based on official grades) on any market designated by the Secretary of Agriculture after a referendum in which two-thirds of the growers supplying that market vote approval.

Tobacco Stocks and Standards Act--Provides for promulgation of standards and makes mandatory use of federal type classifications and groups of grades when reporting stocks of leaf tobacco.

U.S. Cotton Standards Act--Prohibits use of nonofficial standards, with the exception of sales by sample. Sec. 52 states "it shall be unlawful (A) in or in connection with any transaction or shipment in commerce made after August 1, 1923, or (B) in any publication of a price or quotation determined in or in connection with any transaction or shipment in commerce after August 1, 1923, or (C) in any classification for the purposes of or in connection with a transaction or shipment in commerce after August 1, 1923, for any person to indicate for any cotton a grade or other class which is of or within the official cotton standards of the United States then in effect under this chapter by a name, description, or designation, or any system of names, description, or designation not used in said standards: provided, that nothing in this section shall prevent a transaction otherwise lawful by actual sample or on the basis of a private type which is used in good faith and not in evasion of or substitution for said standards." (March 4, 1923, CH. 288, Sec. 2, 42 Stat. 1517)

U.S. Internal Revenue Code of 1954--Cotton Futures Provisions--Requires that the classification of all cotton tendered on futures contracts be done by government employees on the basis of official cotton standards.

U.S. Export Apple and Pear Act of 1933--Requires apples and pears exported to meet specifications of U.S. Standards for these fruits. Prohibits exporting apples below U.S. No. 1 Grade (U.S. No. 1 early for certain varieties) and pears below U.S. No. 2 Grade.

U.S. Export Grape and Plum Act of 1960--Requires vinifera table grapes for export to meet minimum quality standards.

U.S. Grain Standards Act--Makes mandatory the use of Federal Standards for barley, corn, flaxseed, grain sorghum, mixed grains, oats, rye, soybeans, and wheat, when sold by grade in foreign commerce.

U.S. Warehouse Act--Official grades must be used on stored commodities such as tobacco, grain, and cotton if the grade is stated on the warehouse receipt.