

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

2
11.3
3
UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Marketing Administration
Washington, D. C.

PROPOSED STANDARDS FOR OHIO CIGAR-LEAF TOBACCO
(U. S. Types 42, 43, and 44)
Revised March 5, 1942



Based on further investigations and a study of various criticisms and suggestions received from growers and members of the trade, certain changes have been made in the proposed grades for Ohio cigar-leaf tobacco.

Since the term "Wrappers" is used in Ohio by growers and others in referring to the better leaves from the middle and upper parts of the plant which are rarely, if ever, used for wrapper purposes, the term "Wrappers" has been avoided as much as practical in describing the groups of Ohio cigar-leaf tobacco. In the standards for other cigar-leaf types, the Department has defined a "Wrapper" as that portion of a tobacco leaf which forms the outer coating of a cigar, or tobacco of a type and quality commonly used for cigar wrappers. To avoid confusion in the use of the term "Wrappers," tobacco of the same general quality as that locally known in Ohio as wrappers has been described as "Strippers," meaning tobacco which may be stemmed into long strips suitable for long-fillers, binders, or other purposes.

In these grades, the two methods of preparing and packing Strippers (Wrappers) are recognized, namely: Strippers which have been reworked and sized as shown on page 2; and on page 3, Strippers designated by the letter "M," which cover growers' packings in Mixed sizes containing various quantities of inferior leaves which are unsuitable for making strips.

There appears to be no single term used in Ohio to designate the kind of tobacco ordinarily classified in our standard X group. In other cigar-leaf types, the X group covers the same general quality of tobacco as that which is locally known in Ohio as "Wrappers and Fillers Stripped Together" from which farm Trash has been removed. As a short and descriptive term, "Crop run" is used for this group of grades to designate packings which consist of all leaves of the plant with the exception of Trash and other very inferior leaves.

PERSONS RECEIVING THIS REVISED COPY OF THE PROPOSED GRADES ARE REQUESTED TO NOTE ON THE COPY ANY FURTHER SUGGESTIONS OR CHANGES WHICH THEY WOULD RECOMMEND AND RETURN THEM TO US.

March 1942

PROPOSED STANDARDS FOR OHIO CIGAR-LEAF TOBACCO - TYPES 42, 43, AND 44

GRADES FOR REWORKED AND SIZED STRIPPERS (C-GROUP)
(Reworked (Cleaned), sized, and repacked Ohio Wrappers)

Group Specifications for Sized Packings: All reworked and sized grades of the C group shall be clean, sound, and stemable into long strip suitable for long-fillers, binder pickers, or other purposes requiring the use of whole strip; shall be free of trash, crudè, and frosted or frozen leaves; shall be sized to two or four inches according to the U. S. Standard Tobacco Sizes; and shall be packed and certificated according to U. S. Sizes. The combined tolerance of farm fillers and other badly injured leaves shall not exceed 4%.

U. S. GRADE DESCRIPTION, SPECIFICATIONS, AND TOLERANCE
Grade

- C1 Choice Quality Strippers. Fairly smooth, fairly oily, ripe, firm, medium to heavy body, normal strength, fairly clear finish, harmonizing in quality. Tolerance, 12% injury.
- C2 Good Quality Strippers. Unrough, fairly ripe, fairly firm, medium to heavy body, normal strength and finish, unmingled in quality. Tolerance, 24% injury.
- C3 Fair Quality Strippers. Unmixed, free of rough, immature, tender, and soggy leaves. Tolerance, 36% injury.

U. S. STANDARD TOBACCO SIZES AUTHORIZED

<u>LENGTHS FOR TWO-INCH SIZING</u>		<u>LENGTHS FOR FOUR-INCH SIZING</u>	
U. S. SIZES	75% OF LEAVES IN LENGTH BETWEEN	U. S. SIZES	75% OF LEAVES IN LENGTH BETWEEN
15 - 14	to 16" or 35 to 40 cm	43 - under 16"	or under 40 cm
17 - 16	to 18" or 40 to 45 cm	44 - 16 to 20"	or 40 to 50 cm
19 - 18	to 20" or 45 to 50 cm		
21 - 20	to 22" or 50 to 55 cm	45 - 20 to 24"	or 50 to 60 cm
23 - 22	to 24" or 55 to 60 cm		
25 - 24	to 26" or 60 to 65 cm	46 - 24 to 28"	or 60 to 70 cm
27 - 26	to 28" or 65 to 70 cm		
29 - over	28" or over 70 cm	47 - over 28"	or over 70 cm

APPLICATION OF GRADES AND SIZES

Normally the trade demands two-inch sizing for long-filler or binder purposes, but in some instances four-inch sizing may be acceptable. For this reason, both two-inch and four-inch sizes are authorized so that a packer can use either or both as best fits his needs.

The grades and sizes on this page apply only to Strippers (Wrappers) which have been properly reworked by (1) sprigging or removing inferior throw-out leaves, (2) sizing (or over-sizing the hands), (3) reconditioning for storage, and (4) repacking by grade and size. The grades on this page do not, therefore, apply to tobacco as customarily prepared for sale and delivery by growers. For farmers' packings of Strippers (Wrappers), as shown on page 3, the letter "M" is used to distinguish them from reworked and sized Strippers and to indicate a Mixture of sizes and a certain percent of throw-out permitted to take care of minor irregularities commonly found in tobacco as sorted by growers.

GRADES FOR STRIPPERS IN MIXED SIZES (C-GROUP MIXED)

(Farmers' packings of Ohio Wrappers
with Farm Fillers and Trash out)

Group Specifications for Packings in Mixed Sizes: All grades of the C group in mixed sizes shall be clean, sound, and suitable to be reworked and sized for long fillers, binder pickers, or other purposes requiring the use of long strip; and, except as provided as a tolerance, tobacco of Types 42 and 44 shall be over 20" long and tobacco of Type 43 shall be over 18" long; and the leaves in each hand shall be reasonably uniform in length. The combined throw-out tolerance of trash, crude, and frosted or frozen leaves shall not exceed 4%.

U. S. GRADE DESCRIPTION, SPECIFICATIONS, AND TOLERANCE

Grade

- C1M Choice Quality Strippers in Mixed Sizes. Fairly smooth, fairly oily, ripe, firm, medium to heavy body, normal strength, fairly clear finish, unmingled in quality. Tolerance, 12% injury, 16% under-size leaves, and 4% throw-out of green, farm fillers, and other badly injured leaves.
- C2M Good Quality Strippers in Mixed Sizes. Unrough, fairly ripe, fairly firm, medium body, normal strength and finish, unmixed in quality. Tolerance, 24% injury, 32% under-size leaves, and 8% throw-out of green, farm fillers, and other badly injured leaves.
- C3M Fair Quality Strippers in Mixed Sizes. Free of rough, immature, tender, and soggy leaves. Tolerance, 36% injury, 48% under-size leaves, and 12% throw-out of green, farm fillers, and other badly injured leaves.

CROP-RUN GRADES (X-GROUP)

(Farmers' packings of Wrappers and Fillers
stripped together with Trash out)

Group Specifications: All grades of the X group shall be clean and sound. The combined tolerance of trash, crude, and frosted or frozen leaves must not exceed 4% on X1 or X2, 8% on X3, 12% on X4, and 20% on X5.

- X1 Choice Quality Crop-run. General quality of C1M, stripped together and containing crop-run of farm fillers not exceeding 16%.
- X2 Good Quality Crop-run. General quality of C2M, stripped together and containing crop-run of farm fillers not exceeding 24%.
- X3 Fair Quality Crop-run. General quality of C3M, stripped together and containing crop-run of farm fillers not exceeding 36%.

BADLY INJURED CROP-RUN

- X4 Low Quality Crop-run. Packing containing an abnormal amount of badly injured leaves, green, or farm fillers not exceeding a combined tolerance of 48%.
- X5 Poor Quality Crop-run. Packing containing an abnormal amount of badly injured leaves, green, or farm fillers not exceeding a combined tolerance of 60%.

PROPOSED STANDARDS FOR OHIO CIGAR-LEAF TOBACCO - TYPES 42, 43, AND 44

FARM FILLER GRADES (Y-GROUP)
(Ground leaves with Trash out)

Group Specifications: All grades of the Y group shall be sound and normally free of dirt and other foreign matter. The combined tolerance of trash, crude, dead, and frosted or frozen leaves must not exceed 8% on Y1, 12% on Y2, and 20% on Y3.

U. S. GRADE DESCRIPTION, SPECIFICATIONS, AND TOLERANCE

Grade

- Y1 Choice Quality Farm Fillers. Clean, fairly smooth, fairly ripe, medium body, fairly firm, unmixed quality. Must not include crop-run tobacco, but may include throw-out leaves from C1M packings.
- Y2 Good Quality Farm Fillers. Fairly clean. Must not include crop-run, but may include throw-out leaves from C2M packings.
- Y3 Poor Quality Farm Fillers. Fairly clean. Must not include crop-run, but may include throw-out leaves from C3M packings.

GENERAL SPECIFICATIONS FOR ALL GRADES ABOVE NONDESCRIPT

All grades of the B, C, X, and Y groups shall be clean, sound, and thoroughly cured tobacco in safe keeping order (case), and free of wet, crude, dead, trash, and frosted or frozen leaves, except as authorized as a tolerance or indicated by a special factor approved for the purpose. Each lot or packing, except nondescript, shall be of the same crop, type, form, and condition to which a single grade will apply. Tobacco should be tied in normal size hands and packed straight in cases (or bundles) of normal weight, size, and shape with the heads out and tails overlapping sufficiently to make a level, solid, and uniform pack. (When packed in bundles, the sides should be completely covered with paper or other suitable protective material and tightly bound with not less than three large twines spaced so that the tobacco will be held securely together.) Improperly tied or packed tobacco shall be graded lower than it would be if properly tied and packed, since such tobacco may not sweat or age properly and may damage or be injured in handling or storage.

NONDESCRIPT (N-GROUP)

N Nondescript, as defined, including Trash and tobacco under X5 and Y3.

SPECIAL FACTORS AUTHORIZED

B - Binder picker	W - Wet or high case
G - Green, frosted or frozen	U - Unsound

The special factor "B" may be used after C1M of Types 42 and 43 to indicate that a packing contains 40% or more binders. The special factor "G" shall be used with any grade of the C, X, or Y groups which contains 4% or more frosted or frozen tobacco or which exceeds the tolerance of green. The special factor "W" shall be used with any grade when in the inspector's opinion the tobacco is wet or in doubtful keeping order. The special factor "U" shall be used with any grade which is unsound, but not 20% damaged.

PROPOSED STANDARDS FOR FILLER AND BINDER TYPES
(Revised March 3, 1942)

DEFINITIONS

In order to establish standards which may be applied consistently, it is necessary to define or restrict the meaning of certain terms so that they will be clearly understood wherever the standards are used. In connection with the standards which are being prepared for filler and binder types, the following definitions are being submitted for your comments and suggestions:

Aircured. Tobacco cured under natural atmospheric conditions without the use of fire, except for the purpose of preventing pole-burn in damp weather.

Airdried (Unsweeted). The condition of unfermented tobacco as customarily prepared for storage under natural atmospheric conditions by rehangng or re-bulking in well-ventilated houses after it is cured and stripped.

Body. The thickness and density of leaf or weight per unit of surface.

Broke. Any leaf of the Binder group that has been partly injured for Binder purposes so that the leaf will make one or more but not the normal number of Binders.

Class. A major division of tobacco based on characteristics caused by varieties, soils, or climatic conditions, and the method of cultivation, harvesting, or curing.

Clean. Normally free of dirt and other foreign matter.

Condition. The state of tobacco in storage, or in relation to its preparation for storage, with reference to its manner of preparation or its degree of fermentation, such as Unsweeted (or Undried or Airdried), Sweating, Sweated, and Resweated.

Crude. Any very immature leaf of which one-fifth or more of its surface has a positive green color; or any tobacco containing 20% or more crude leaves.

Cured. Tobacco dried of its sap by either natural or artificial processes.

Damage. The effect of mold, must, rot, black-rot, or other fungous or bacterial diseases which attack tobacco in its cured state, including tobacco having the odor of mold, must, or rot.

Decayed. Damaged to the extent of 20% or more.

Foreign matter. Any substance or material extraneous to tobacco, including dirt, sand, stalks, suckers, straw, chaff, strings, et cetera.

Form. The stage of preparation of tobacco, such as Unstemmed and Stemmed.

Grade. A subdivision of a type according to group and quality, and according to color when it is of sufficient importance to be treated as a separate factor.

Green (G). Any leaf of which one-fifth or more of its surface is predominantly green in color; or any tobacco containing 20% or more green leaves; or any tobacco which is not crude, but which contains 20% of green and crude combined.

030342W

PROPOSED STANDARDS FOR FILLER AND BINDER TYPES

DEFINITIONS (Cont'd.)

Greenish (V). Any fairly ripe leaf of which one-fifth or more of its surface has a decided tinge of green; or any tobacco which contains 20% or more greenish leaves; or any tobacco which is not green, but which contains 20% or more of greenish and green combined.

Group. A division of a type covering several closely related grades based on the general quality of the tobacco, including body, the percentage of injury, and other characteristics.

Injury. Hurt or impairment from any cause except damage. Injured tobacco shall include dead, burnt, hail-cut, or ragged tobacco; or tobacco that has been torn or broken, frozen or frosted, sunburned or scalded, scorched or fire-killed, bulk-burnt or steam-burnt, pole-burnt or house-burnt, bleached or bruised; or tobacco containing discolored or deformed leaves; or tobacco hurt by insects; or tobacco having an odor foreign to the type; or tobacco affected by wild-fire, rust, frog-eye, mosaic, frenching, sand-drown, or other similar diseases.

Lot. A bundle, case, bale, bulk, package, or other definite unit.

Mixed (in color). A lot or packing of tobacco which is not green or crude and which contains 32% or more leaves of distinctly different color from the run of the lot, including variegated leaves unless such leaves are indicated by a special factor.

Mixed (in quality). A lot or packing of tobacco which contains 32% or more leaves of distinctly different group or quality from the run of the lot.

Nested. Any lot of tobacco which has been so loaded, packed, or arranged as to conceal foreign matter or tobacco of inferior grade, quality, or condition, including lots of tobacco which contain damaged, injured, tangled, or other inferior tobacco which cannot be readily detected upon inspection on account of the way the lot was packed or arranged.

Nondescript (N). Tobacco which does not meet the minimum specifications of any other group, grade, or subgrade, including Crop-run tobacco under X5, Farm fillers under Y3, and Farm Trash; or crude, decayed, or nested tobacco; or muddy or extremely dirty tobacco; or tobacco containing an unusual amount of foreign matter; or uncured tobacco; or very inferior lots of tobacco of a quality which is not ordinarily marketed; or tobacco having characteristics distinctly foreign to the type.

Order (Case). The state of tobacco with respect to its moisture content.

Package. A bundle, case, or other securely enclosed parcel.

Packing. A lot of tobacco consisting of a certain number of packages submitted for sampling or inspection as one definite unit and represented to contain the same grade and kind of tobacco and having a common identification number or mark on each package.

PROPOSED STANDARDS FOR FILLER AND BINDER TYPES

DEFINITIONS (Cont'd.)

Quality. A division of group, forming the second factor of a grade, based upon the relative degree of one or more of the elements of quality in tobacco, construed in relation to the type as a whole unless otherwise specifically restricted as in the element "Color shade" which is restricted to a given color.

Resweated. The condition of tobacco which has passed through a second fermentation under abnormally high temperatures, or refermented with a relatively high percentage of moisture, including tobacco which has been dipped or reconditioned after its first fermentation and put through a forced or artificial sweat.

Side. Any distinct characteristic of tobacco; or a certain phase of quality, color, or length as compared with some other phase of quality, color, or length.

Size. The length of tobacco leaves.

Sizing. The act of sorting tobacco with respect to length.

Soggy. Non-elastic, spongy, and porous tobacco, low in oil, and having a very absorptive nature.

Sound. Free of damage.

Special Factor. A symbol or term authorized to be used with specified grades to designate a certain side or characteristic of importance, varying from or not covered by the specifications of the grades.

Stem. The midrib of a tobacco leaf.

Stemmed. A form of tobacco from which the stems or midribs have been removed, including both strips and strip-scrap.

Stems. A tobacco by-product composed of the midribs of tobacco leaves.

Strips. The sides of tobacco leaves from which the stems have been removed.

Strippers (C). Tobacco of normal size for the type which is sufficiently firm, strong and free of injury to be made into whole strips suitable for long fillers or binder pickers or for other purposes requiring the use of whole strips.

Subgrade. Any grade modified by a special factor or subgroup symbol.

Subgroup. A group formed by the substitution of a different group symbol to denote a modification of the specifications or to indicate a certain side or characteristic of the tobacco.

Sweated. The condition of tobacco which has passed through one or more fermentations natural to tobacco packed with a normal percentage of moisture.

Sweating. The condition of tobacco in the process of fermentation.

DEFINITIONS (Cont'd.)

Throw-out. Badly injured, short length, or relatively inferior quality leaves which have been or are to be removed from a lot or packing of higher grade in order to improve its general quality and uniformity.

Type. A division of a class of tobacco having certain common characteristics and closely related grades. Tobacco which has the same characteristics and corresponding qualities, colors, and lengths, shall be treated as one type, regardless of any factors of historical or geographical nature which cannot be determined by an examination of the tobacco.

Type 42. That type of cigar-leaf tobacco commonly known as Gebhardt, Ohio Seed-leaf, or Ohio Broadleaf; and produced principally in the Miami Valley section of Ohio and extending into Indiana.

Type 43. That type of cigar-leaf tobacco commonly known as Zimmer, Spanish, or Zimmer Spanish, including Havana-seed strains; and produced principally in the Miami Valley section of Ohio and extending into Indiana.

Type 44. That type of cigar-leaf tobacco commonly known as Dutch, Shoestring Dutch, or Little or Big Dutch; and produced principally in the Miami Valley section of Ohio.

Under-size. Tobacco which is shorter than the minimum size established for a particular group or grade of a type.

Undried (Unsweeted). The condition of unfermented tobacco which has not been airdried.

Uniformity. One of the elements of quality in tobacco having reference to the consistency of a lot with respect to other elements of quality or color. The following are the specifications for the several degrees of uniformity showing for each degree the percentage of a lot that may be of a distinctly different group, quality, or color from the run of the lot; (a) Uniform, less than 8%; (b) Harmonizing, less than 12%; (c) Unmingled, less than 20%; (d) Mingled or Unmixed, less than 32%; and (e) Mixed, over 32%. When uniformity with respect to quality is specified it also includes uniformity with respect to group, but when uniformity with respect to color only is specified it does not include uniformity with respect to group or quality.

Unsound (U). Damaged under 20%.

Unsweeted. See Airdried and Undried.

Unstemmed. A form of tobacco from which the stems or midribs have not been removed, including both whole-leaf and leaf-scrap.

Variegated (K). Having a diversity of contrasting colors or tints within a leaf; including leaves which are gray, mottled, bleached, or stained; or leaves which do not blend with the normal colors of the type.

Wet or High-case (W). Any sound tobacco containing excessive moisture to the extent that it is in an unsafe or doubtful keeping state for the condition or purpose the tobacco is to be used, handled, or stored. Wet shall apply to any tobacco which is not damaged, but which is likely to damage on account of excessive moisture if treated in the customary manner or unless unusual precaution is taken.

PROPOSED STANDARDS FOR OHIO CIGAR-LEAF TOBACCO - TYPES 42, 43, AND 44

RULES

The application of these proposed standards shall be in accordance with the following rules:

Rule 1. Each grade shall be treated as a subdivision of a particular type and when the grade is stated in an inspection certificate, the type shall also be stated.

Rule 2. The determination of grade shall be based upon a thorough examination of a lot of tobacco or an official sample of the lot.

Rule 3. In determining the grade of a lot of tobacco, the lot as a whole shall be considered, and minor irregularities which do not affect over one per cent of the tobacco shall be overlooked.

Rule 4. Unsound tobacco shall be treated as a subgrade by placing the special factor letter "U" after or above the grade mark. For example: if a lot of tobacco is unsound but otherwise meets the specifications of C2M, it shall be graded C2M-U.

Rule 5. Any lot of tobacco shall be regarded as meeting the specifications of a certain grade when the tobacco is not lower in any degree of quality than that stated in the specifications of such grade. The degree of uniformity specified for a particular grade governs the percentage of a lot which must meet the specifications with respect to other degrees of quality.

Rule 6. Any lot of tobacco which clearly and fully meets the specifications of two or more grades shall be placed in the highest one of such grades; but any lot of tobacco which is on the marginal line between two or more grades so that the grade cannot be determined by applying other rules, shall be placed in the lowest grade in question: Provided That, when a lot of unsized farmer-packed tobacco clearly and fully meets the specifications of a grade, with the exception of length, and when the length is not more than 2" shorter than that specified for such grade, the tobacco shall be classified into the next lowest grade.

Rule 7. The grade assigned to any lot of tobacco shall be a true representation of the tobacco at the time of inspection and certification thereof.

Rule 8. If, at any time, it is found that a lot of tobacco does not comply with the description and specifications of the grade previously assigned, it shall not thereafter be represented as being of such grade.

Rule 9. Any special factor symbol, approved for the purpose by the Agricultural Marketing ^{Administration} Service, may be used after or above a grade mark to show a peculiar side or characteristic of the tobacco.

Rule 10. Length shall be stated in connection with each grade of Reworked and Sized Strippers of the C group, and may be stated in connection with other grades. For this purpose, U. S. Tobacco Sizes shall be used.

