

Ag 93

STATE OF WISCONSIN)
STATE DEPARTMENT OF AGRICULTURE) SS

TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETING:

I, D. N. McDowell, Director of the State Department of Agriculture, and custodian of the official records of said department, do hereby certify that the annexed rules relating to dairy cattle grades (Wis. Adm. Code ch. Ag 93) were duly adopted by this department on July 2, 1965.

I further certify that said copy has been compared by me with the original on file in this department and that the same is a true copy thereof, and of the whole of such original.

IN TESTIMONY WHEREOF, I have
hereunto set my hand and
affixed the official seal
of the department at Madison,
Wisconsin, this 2nd
day of July, A. D. 1965.

D. N. McDowell
Director

Docket No. 704.

ORDER OF THE STATE DEPARTMENT OF AGRICULTURE
ADOPTING RULES

Pursuant to authority vested in the State Department of Agriculture by section 93.09, Wis. Stats., the State Department of Agriculture hereby adopts rules as follows:

Chapter Ag 93 of the Wisconsin administrative code is adopted to read:

Chapter Ag 93

DAIRY CATTLE GRADES

Ag 93.01 Definitions. (1) "Department" means the State Department of Agriculture.

(2) "U.S.D.A." means the United States Department of Agriculture.

(3) "D.H.I.A." means any dairy herd improvement association engaged in the maintenance and supervision of milk production records and which is approved by the department as satisfactory for this purpose.

(4) "D.H.I.R." means milk production records maintained exclusively for registered purebred dairy cattle by a dairy herd improvement association under the supervision of a purebred dairy cattle registry association.

Ag 93.02 Eligibility for grading. (1) Only bovine females of a dairy breed over 4 months of age which show no evidence of beef type crossbreeding shall be eligible for grading under this chapter.

(2) A female born in a multiple birth with a bull shall not be eligible for grading unless she has had a calf or has been examined by a veterinarian and pronounced pregnant.

(3) Any animal which has been altered, disguised or otherwise misrepresented to conceal defects to make it appear to be of greater value than it is shall not be eligible for grading.

(4) D.H.I.R. and D.H.I.A. milk and butterfat production records, if such are available, shall accompany animals which are to be graded. Owner sampler records properly identified may be used. The seller of animals graded shall certify to the accuracy of all production, breeding and identification records, and any other information required to be furnished by him.

(5) To be eligible for grading, the animal shall be identified with an official state eartag or by registration papers of the appropriate purebred dairy cattle registry association.

Ag 93.03 Graders. (1) All animals represented as graded as provided for herein shall be graded by a person specifically employed by the department for this purpose.

(2) Graders shall issue a certificate of grade for each animal graded. Such certificate shall be in the form provided by the department and shall contain the date of grading, grade as of that date, and the identification of the sire and dam when required by

the grade specifications. This certificate shall be designed in such a way that it does not resemble any existing purebred dairy cattle registration certificate.

(3) Graders shall evaluate animals for physical characteristics on the basis of the "Dairy Cow Unified Score Card", 1957 Revised Edition, published by the Purebred Dairy Cattle Association. Copies of this card are on file at the offices of the department, the Secretary of State and the Revisor of Statutes, and may be obtained from the department at its offices at Hill Farms State Office Building, 4802 Sheboygan Avenue, Madison, Wisconsin.

Ag 93.04 Grade specifications. (1) Wisconsin Registered Supreme. (a) To be eligible for this grade, animals shall be registered with their breed registry association.

(b) To be eligible for this grade, cows shall meet the following minimums:

1. Animals over 40 months of age shall have an official classification in order to be eligible.

2. Breed classifications:

- a. Ayrshire -- Good plus or above.
- b. Brown Swiss -- Good plus or above.
- c. Guernsey -- Desirable or above.
- d. Holstein -- Good plus or above.
- e. Jersey -- Good plus or above.
- f. Milking Shorthorn -- Good plus or above.

3. Production requirements: Animals that have completed one lactation of 365 days or less must have produced 500 pounds of butterfat in a lactation of 365 days or less, regardless of age. Pro-

duction records must be D.H.I.R. or standard D.H.I.A.

4. A heifer that has not completed a lactation of 365 days or less may qualify for this grade if her dam meets the requirements for production and type classification, and the heifer meets the physical characteristics and weight requirements for the Wisconsin Superior grade.

(c) The registration certificate and transfer shall be provided by the seller for registered animals.

(d) Registered animals not meeting requirements for this grade shall be placed into other grades for which they qualify.

(2) Wisconsin Superior D.H.I.A. To be eligible for this grade, all heifers and cows shall meet the following standards and specifications:

(a) Physical characteristics: Shall present a very pleasing appearance for type with balance of parts showing strength and breed character. Shall be above average in size, condition and development. Shall be above average in body capacity, dairy character, general appearance, and shall have a good set of feet and legs. The udder of a heifer shall be desirable for age, with no obvious defect of teats or udder. Udder of any animal in milk shall be well-balanced, strongly attached and of good quality. Teats shall be of desirable size and be properly placed on the udder.

(b) Weight: Shall conform to the weight requirements for breed and age as provided in section Ag 93.05.

(c) Color: Shall meet breed requirements for registration.

(d) Sire: Shall have a registered sire with registered name

and registration number provided.

(e) Dam: Shall be of the same breed as the sire and the official state eartag number shall be provided.

(f) Production requirements:

1. A heifer that has not completed a lactation of 365 days or less may qualify for this grade if she originates from a herd with 400 pounds or more butterfat, yearly average, in standard or owner sampler D.H.I.A., and her dam shall meet one of the following requirements: Actual record of 500 pounds or more butterfat in 365 days or less at any age, or actual record in 305 days or less:

- a. 2-year old or 1st calf -- 80% of herd average or above.
- b. 3-year old or 2nd calf -- 90% of herd average or above.
- c. 4-year old or 3rd calf or over -- herd average or above.

2. A cow of this grade shall meet the production requirements for the dam of a heifer prescribed in subparagraph 1 of this paragraph.

(3) Wisconsin Superior. To be eligible for this grade, heifers shall meet all of the standards and specifications set forth for the Wisconsin Superior D.H.I.A. grade, except that:

- (a) There are no production requirements.
- (b) Cows (animals which have completed a lactation of 365 days or less) are not eligible for this grade.

(4) Wisconsin Preferred D.H.I.A. To be eligible for this grade, animals shall be very good prospects for type and production and shall conform to the following standards and specifications:

- (a) Physical characteristics: May be slightly less desirable than Wisconsin Superior, but shall be above average in size, condition,

body capacity, dairy character and general appearance, and shall have good feet and legs. Udder of a heifer shall be desirable for age, with no obvious defect of teats or udder. Udder of an animal in milk shall be well-balanced, strongly attached and of good quality. Teats shall be of desirable size and be properly placed on the udder.

(b) Weight: Shall conform to the weight requirements for breed and age as provided in section Ag 93.05.

(c) Color: No discernible evidence of crossbreeding.

(d) Sire: Shall be registered sire of a dairy breed.

(e) Dam: Shall be of same breed as the sire.

(f) Production requirements: Shall meet the same requirements for production as the Wisconsin Superior D.H.I.A. grade.

(5) Wisconsin Preferred. To be eligible for this grade, animals shall meet all of the standards and specifications for Wisconsin Preferred D.H.I.A., except that there are no production requirements for this grade.

(6) Wisconsin Standard. To be eligible for this grade, animals shall be good prospects for type and production and shall conform to the following standards and specifications:

(a) Physical characteristics: Shall be average in size, condition, body capacity, dairy character and general appearance, with no serious defect of feet or legs. A heifer shall have no obvious defects of udder or teats. The udder of an animal in milk shall be reasonably well-balanced and attached, with teats of acceptable size.

(b) Weight: Shall conform to the weight requirements for breed and age as provided in section Ag 93.05.

- (c) Color: No discernible evidence of crossbreeding.
- (d) Sire: Shall be of a dairy breed.
- (e) Dam: Shall be of same breed as the sire.
- (f) Production requirements: No production records shall be required.

(7) Wisconsin Utility. To be eligible for this grade, animals shall be fair prospects for commercial dairy replacements and shall conform to the following standards and specifications:

(a) Physical characteristics: Below average in size and development and markedly lacking in one or more of the following: body capacity, dairy character, general appearance, feet and legs. A heifer shall have no serious defect of udder or teats. The udder of an animal in milk may be markedly lacking in quality, balance, attachment, teat size or placement.

(b) Weight: Shall conform to the weight requirements for breed and age as provided in section Ag 93.05.

(c) Color: Shall show no discernible evidence of a beef cross.

(d) Sire: Shall be of a dairy breed.

(e) Dam: Shall be of a dairy breed.

(f) Production requirements: No production records shall be required.

(8) Undergrade. Any animal which has been graded that does not meet the requirements for any of the grades prescribed in this chapter shall be designated Undergrade.

Ag 93.05 Weights. (1) All animals shall be weighed; however, if a scale cannot be provided, taped weights may be used. Tapes

used shall be U.S.D.A. approved for measurements and weights.

(2) Minimum weight requirements for the grades prescribed in this chapter shall conform to the following tables of weights expressed in pounds:

(a) Heifers (two months before to two months after calving).

Table I

	<u>Before Calving</u>			<u>After Calving</u>	
	<u>2 Months</u>	<u>1 Month</u>	<u>Week or less</u>	<u>Week or less</u>	<u>2 Months</u>
<u>1. Holstein and Brown Swiss.</u>					
Superior	1100	1125	1175	1075	1100
Preferred	1050	1075	1125	1025	1050
Standard	1000	1025	1075	975	1000
Utility	900	925	975	875	900
<u>2. Guernsey and Ayrshire.</u>					
Superior	875	900	925	850	875
Preferred	850	875	900	825	850
Standard	800	825	850	775	800
Utility	725	750	775	700	725
<u>3. Jersey.</u>					
Superior	750	775	800	725	750
Preferred	725	750	775	700	725
Standard	675	700	725	650	675
Utility	600	625	650	575	600

(b) Open heifers and heifers less than 7 months pregnant.

Superior heifers shall conform to the weight for age in this table.

Preferred heifers may weigh 10% less, Standard 15% less, Utility 20% less.

Table II

<u>Age</u> (months)	<u>Weight (lbs.)</u>			<u>Estimating Weight From Heart Girth Measurement</u>	
	<u>Holstein & Brown Swiss</u>	<u>Guernsey & Ayrshire</u>	<u>Jersey</u>	<u>Weight (lbs.)</u>	<u>Heart Girth (inches)</u>
4	270	205	160	200	40
6	380	300	250	300	46
8	500	400	350	400	51
10	600	495	440	500	55
12	700	575	520	600	59
14	775	645	580	700	62
16	850	710	630	800	65
18	915	765	680	900	68
20	975	820	725	1000	71
22	1040	870	770	1100	73
24	1100	920	820	1200	75

(c) Cows (in normal milking condition).

Table III

	<u>Superior</u>	<u>Preferred</u>	<u>Standard</u>	<u>Utility</u>
<u>1. Holstein & Brown Swiss.</u>				
3-year old or 2nd calf	1200	1150	1075	975
4-year old or 3rd calf	1300	1250	1150	1050
Mature	1350	1300	1200	1100
<u>2. Guernsey & Ayrshire.</u>				
3-year old or 2nd calf	925	900	850	775
4-year old or 3rd calf	975	950	900	825
Mature	1000	975	925	850
<u>3. Jersey.</u>				
3-year old or 2nd calf	800	775	725	650
4-year old or 3rd calf	850	825	775	700
Mature	875	850	800	725

Ag 93.06 Prohibitions. (1) No person shall sell or offer for sale or represent any dairy cattle as graded cattle unless such cattle have been graded by a department grader in accordance with this chapter.

(2) No person shall misrepresent the grade of any dairy cattle, nor shall he represent any dairy cattle as being of a grade provided for herein unless such cattle have been graded by a department grader in accordance with this chapter.

(3) No person shall use any terminology with respect to the quality of any dairy cattle which is deceptively similar to the grade terminology provided for herein.

Ag 93.07 Fees. (1) The department shall establish and collect fees sufficient to cover the actual cost of the grading service provided for herein.

(2) Unless the actual cost is greater, a minimum fee of \$10 shall be charged. Fees shall be at the rate of 50 cents per head up to 100 head and 25 cents per head thereafter for all cattle graded during a single working day, plus actual expenses and mileage at the rate provided by statute for travel by state employes.

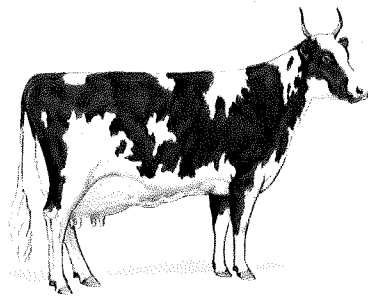
Ag 93.08 Advisory board. The director of the department shall annually appoint an advisory board to advise him on the administration of this chapter.

The rules contained herein shall take effect on September 1, 1965.

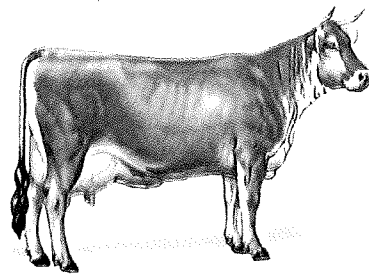
Dated: July 2, 1965.

STATE DEPARTMENT OF AGRICULTURE

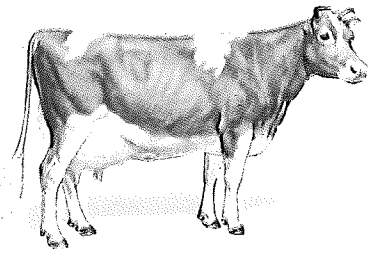
By /s/ D. N. McDowell
Director



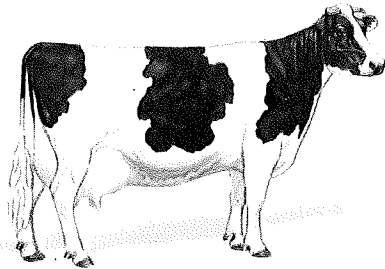
IDEAL AYRSHIRE COW



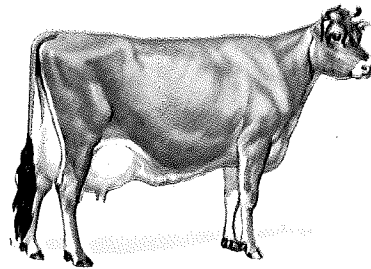
IDEAL BROWN-SWISS COW



IDEAL GUERNSEY COW



IDEAL HOLSTEIN-FRIESIAN COW



IDEAL JERSEY COW

BREED CHARACTERISTICS

AYRSHIRE

Strong and robust, showing constitution and vigor, symmetry, style and balance throughout, and characterized by strongly attached, evenly balanced, well-shaped udder.

COLOR—Light to deep cherry red, mahogany, brown, or a combination of any of these colors with white, or white alone, distinctive red and white markings preferred, black or brindle objectionable.

SIZE—A mature cow in milk should weigh at least 1200 lbs.

HORNS—Inclining upward, refined, medium length and tapered toward tips. No discrimination for absence of horns.

GUERNSEY

Size and strength, with quality and character desired.

COLOR—A shade of fawn with white markings clearly defined. Skin should show golden yellow pigmentation. When other points are equal, a clear (buff) muzzle will be favored over a smoky or black muzzle. A bright golden yellow pigmentation on the nose, around the eyes, in the ears, in the escutcheon, around the udder and at the point of tail is favored.

SIZE—A mature cow in milk should weigh at least 1100 lbs. "In milk" means normal condition after having been in milk from 3 to 6 months.

HORNS—No discrimination for absence of horns.

JERSEY

Sharpness with strength indicating productive efficiency.

COLOR—A shade of fawn, with or without white markings.

SIZE—A mature cow in milk should weigh about 1000 lbs.

HORNS—Incurving, refined, medium length and tapering toward tips. No discrimination for absence of horns.

BROWN SWISS

Strong and vigorous, but not coarse. Size and ruggedness with quality desired. Extreme refinement undesirable.

COLOR—Solid brown varying from very light to dark. White or off-color spots objectionable. Females with any white or off-color markings above the underside of the belly or with white core in switch do not meet color standards of the Brown Swiss breed, and shall be so designated when registered. Pink noses and light streaks up the side of the face objectionable.

SIZE—The minimum weight for mature cows should be about 1400 lbs.

HORNS—Incurving and inclining slightly up. Of medium length, lacking coarseness, tapering toward tips. Polled animals not barred from registry. No discrimination for absence of horns.

HOLSTEIN

Rugged, feminine qualities in an alert cow possessing Holstein size and vigor.

COLOR—Black and white markings clearly defined. Color markings that bar registry are solid black, solid white, black in switch, black belly, black encircling leg touching hoof head, black from hoof to knee or hock, black and white intermixed to give color other than distinct black and white.

SIZE—A mature cow in milk should weigh at least 1500 lbs.

HORNS—No discrimination for absence of horns.

EVALUATION OF DEFECTS

In a show ring, disqualification means that the animal is not eligible to win a prize. Any disqualified animal is not eligible to be shown in the group classes. In slight to serious discrimination, the degree of seriousness shall be determined by the judge.

EYES

1. Total blindness: *Disqualification.*
2. Blindness in one eye: *Slight discrimination.*
3. Cross-eyes: *Slight discrimination.*

WRY FACE

Slight to serious discrimination.

CROPPED EARS

Slight discrimination.

PARROT JAW

Slight to serious discrimination.

SHOULDERS

Winged: *Slight to serious discrimination.*

TAIL SETTING

Wry tail or other abnormal tail settings: *Slight to serious discrimination.*

LEGS AND FEET

1. Lameness — apparently permanent and interfering with normal function: *Disqualification.*
- apparently temporary and not affecting normal function: *Slight discrimination.*

2. Bucked knees: *Slight to serious discrimination.*

3. Evidence of arthritis, crampy hind leg: *Serious discrimination.*

4. Boggy hocks: *Slight to serious discrimination.*

ABSENCE OF HORNS

No discrimination.

LACK OF SIZE

Slight to serious discrimination.

UDDER

1. Blind quarter: *Disqualification.*
2. Abnormal milk (bloody, clotted, watery): *Possible disqualification.*
3. Udder definitely broken away in attachment: *Serious discrimination.*
4. A weak udder attachment: *Slight to serious discrimination.*
5. One or more light quarters, hard spots in udder, obstruction in teat (spider): *Slight to serious discrimination.*
6. Side leak: *Slight discrimination.*

DRY COWS

Among cows of apparently equal merit: *Give strong preference to cows in milk.*

FREEMARTIN HEIFERS

Disqualification unless proved pregnant.

OVERCONDITIONED

Slight to serious discrimination.

TEMPORARY OR MINOR INJURIES

Blemishes or injuries of a temporary character not affecting animal's usefulness: *Slight discrimination.*

EVIDENCE OF SHARP PRACTICE

1. Animals showing signs of having been operated upon or tampered with for the purpose of concealing faults in conformation, or with intent to deceive relative to the animal's soundness: *Disqualification.*
2. Uncalved heifers showing evidence of having been milked: *Serious discrimination.*

July 13, 1965

Mr. D. N. McDowell
State Department of Agriculture
Hill Farms State Office Bldg.
Madison, Wisconsin

Dear Sir; Re: Proposed Rule Ag 93.03 (3), Grading
of Purebred Dairy Cattle

You request our consent under sec. 227.025, Stats., for you to incorporate by reference in your proposed rule Ag 93.03 (3) the Dairy Cow Unified Score Card, 1957 Revised Edition, published by The Purebred Dairy Cattle Association.

The proposed rule provides that the above publication be used as the basis for grading the physical characteristics of dairy cows for determining their value.

It appears that your proposed rule is of limited public interest; that the publication to be incorporated by reference is readily available in published form; that the reference in the proposed rule is specific; that incorporating the publication by reference would save considerable expense because of the diagram and color printing required; and that The Purebred Dairy Cattle Association is a technical organization of recognized national standing.

Accordingly, I hereby consent to the incorporation by reference in the proposed rule Ag 93.03 (3).

Very truly yours,


BRONSON C. LA FOLLETTE
Attorney General


JAMES J. BURKE
Revisor of Statutes

EWV:lm