

Voluntary Report – Voluntary - Public Distribution

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Report Name: Group Standards on Alfalfa Meal Quality Classification and Timothy Hay Quality Grade Proposed

Country: China - People's Republic of

Post: Beijing ATO

Report Category: Grain and Feed

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Report Highlights:

On November 16, 2021, China Animal Agricultural Association (CAAA) proposed group standards for Alfalfa Meal Quality Classification and Timothy Hay Quality Grade. The standards were published for public feedback and will take effect after revision based on feedback received.

Background

On November 16, 2021, China Animal Agricultural Association (CAAA) published the drafts of two group standards for public comment. The first group standard is Alfalfa Meal Quality Classification, and the second group standard is Timothy Hay Quality Grade. CAAA led the drafting of two group standards with the participation of a number of relevant enterprises and scientific research units. The standards are drafted in accordance with the provisions of GB/T 1.1-2020 "Standardization Guidelines Part 1: Structure and drafting rules of standardized documents." According to the "Interim Measures for the Management of Group Standards of China Animal Agricultural Association" and the relevant provisions of the "Rules for the Development of Group Standards of China Animal Agricultural Association" (for trial implementation), the drafts of two group standards were required to be published for public comments. A summary of the two standards based on an unofficial translation is provided as below.

Begin Summary

1. Alfalfa Meal Quality Classification

This standard specifies the product requirements, quality indicators, and grading of alfalfa meal, test methods, inspection rules, and quality grade determination rules.

This standard applies to alfalfa meal mechanically crushed and processed with natural or artificial drying using alfalfa as raw material.

This standard is drafted in accordance with the provisions of GB/T 1.1-2020 "Standardization Guidelines Part 1: Structure and drafting rules of standardized documents."

- Alfalfa hay meal should be dark green, green or light green meal, consistent color, grass flavor, no odor, no fermentation, mildew, or caking present.
- Moisture, coarse ash content shall not exceed 12%.
- Alfalfa grass meal shall not contain toxic and harmful substances and shall not be mixed with any other substances other than this grass powder. If antioxidant, anti-mildew agent and other additives are added, the name, composition and dosage of the added substances shall be indicated.
- Health standards should comply with the provisions of GB 13078.
- Crushing particle size should be based on the animal species and animal growth and development stages to determine its crushing size, see Appendix A. Crushing size determination should be carried out in accordance with the provisions of GB / T 5917.
- The quality grades of alfalfa meal are categorized into 5 grades
- Sensory assessment should be combined with alfalfa harvest period, visually inspect the color and shape of alfalfa meal within the distance of the clearest visual object under natural light. Smell the odor under normal conditions close to the tip of the nose. Twist with fingers and evaluate the texture by touch.
- Specimen preparation should be carried out according to the regulations of GB/T 20195
- Moisture determination should be carried out in accordance with the provisions of GB/T 6435.

- Determination of crude protein should be carried out in accordance with the provisions of GB / T 6432.
- Neutral detergent fiber determination should be carried out in accordance with the provisions of GB / T 20806.
- Acid detergent fiber determination should be carried out in accordance with the provisions of NY/T 1459
- Determination of coarse ash should be carried out in accordance with the provisions of GB / T 6438.
- Sampling should be implemented in accordance with the provisions of NY/T 2129.
- Crushing particle size is only a reference indicator for users of grass flower. Grading will be made according to the quality classification indicators upon meeting the sensory, moisture, coarse ash, inclusions, and health requirements, otherwise the product will be classified as unqualified products.
- Classification of grade according to quality of crude protein, neutral detergent fiber, acid detergent fiber is divided into five grades; moisture and crude ash content also factors for the five grades of specified indicators.
- The measured values of other quality indicators are calculated on the basis of 88% dry matter.
- When the measured values of all indicators meet a certain grade, the grade is set; when any one indicator is lower than the standard of the grade, the grade is set according to the lowest value of the single indicator.
- Any one of the indicators is lower than the three-level standard, the batch should be judged to be out-of-grade products.
- When testing whether various indicators are qualified or not, standard deviation should be implemented in accordance with GB / T 18823.

2. Timothy Hay Quality Grade

This document specifies the quality testing and grading determination rules for timothy hay.

This document applies to the quality evaluation of timothy hay.

This document is drafted in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work, Part 1: Structure and Drafting Rules for Standardization Documents."

- Timothy hay should have an aromatic smell of hay, no odor
- The harvesting period of the batch is basically the same, and the stems and leaves are basically intact. No mold, no lumps, no foreign matter. A small number of edible weeds is allowed, and there should be no toxic and harmful weeds.
- The quality grades of timothy are categorized into 3 grades
- Sampling with sampler shall be performed according to the provisions of NY/T 2129. Manual sampling should be carried out in accordance with the provisions of GB/T 14699.1.
- Crude protein assessment should be carried out in accordance with the provisions of GB/T 6432.

- Neutral washing fiber assessment should be carried out in accordance with the provisions of GB/T 20806.
- Acid washing fiber assessment should be carried out in accordance with the provisions of NY/T 1459.
- Moisture assessment should be carried out in accordance with the provisions of GB/T 6435.
- Rules for quality grading determination are specified.

Attachments:

No Attachments.