

KENYA STANDARD

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Horse feed supplement- Specification

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TECHNICAL COMMITTEE REPRESENTATION

The following organizations were represented on the Technical Committee:

1. Ministry of Livestock Development — Department of Livestock Production
2. University of Nairobi — Department of Animal Production
3. Kenya Agricultural Research Institute (KARI)
4. Horses Association of Kenya
5. Jockey Club of Kenya
6. Unga Farm Care EA Ltd.
7. Kenya Meat Commission
8. Joeliz Bones Ltd
9. Consumer Information Network
10. Proctor and Allan EA Ltd.
11. Department of Veterinary Services
12. AKEFEMA-Association of Kenya Feed Manufacturers
13. Government chemist department.
14. Pioneer Feeds Ltd
15. Pembe Flour mills
16. Kenya Bureau of Standards — Secretariat

REVISION OF KENYA STANDARDS

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Horse feed supplement- Specification

Public Review Draft

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FOREWORD

This Kenya Standard was prepared by the Animal Feeds Technical Committee under the guidance of the Standards Projects Committee, and it is in accordance with the procedures of the Kenya Bureau of Standards.

. It is expected that manufacturers will select their raw materials with both quality of the product and economy of production in mind. The choice of raw materials mixtures will therefore vary according to the locality, season and availability of the ingredients.

Proper formulation of diets for horses depends on adequate knowledge of their nutrient requirements.

This standard is intended to ensure that the diets of horses contain adequate amounts of nutrients and that the intakes of certain nutrients are not so excessive that they inhibit performance or impair health.

During the preparation of this Kenya Standard, reference was made to the following publications:

The nutrient requirements of horse — Published by National Academy of Sciences, Washington DC, 6th Edition, 2007.

The assistance received from these sources is acknowledged with thanks.

KENYA STANDARD

HORSE FEED SUPPLEMENT- SPECIFICATION

1. SCOPE

This Kenya Standard covers specification for compounded feeds used for supplementing of horse rations.

2. DEFINITIONS

For the purpose of this Kenya Standard, the following definitions shall apply:

2.1 Horse — The horse (*Equus ferus caballus*) is a hooved (ungulate) mammal, a subspecies of the family *Equidae*.

2.2 O. I. E — World organization for animal health

3. REQUIREMENTS

3.1 Description — Compounded horse feed supplements may be in form of a meal (or mash), cubes or pellets.

3.2 The feed supplements shall be free from harmful constituents, metallic objects, adulterants, fungi, pathogenic bacteria or insect infestation and free from fermented, musty, rancid or any other objectionable odour.

3.3 The digestibility coefficient for compounded horse feed supplements shall be not less than 65 per cent.

3.4 Aflatoxin content maximum limit for compounded horse feeds supplement shall be 10 ppb.

3.5 No antibiotics shall be added to compounded horse feed supplement.

3.6 No hormones shall be added to horse feeds

3.7 Only feed additives accepted internationally and approved by O.I.E. for use in animal feeds shall be incorporated in compounded horse feeds.

3.8 The compounded horse feed supplement shall conform to the requirements prescribed in Table 1.

TABLE 1. REQUIREMENTS FOR HORSE FEED SUPPLEMENT

Sl no	Nutrients/Parameters	Requirements
i)	Crude Protein (Min)	6%
ii)	Crude Fat (Max)	12%
iii)	Crude Fibre (Max)	12%
iv)	Lysine (Min)	0.4%
v)	Calcium (Max)	1.5%
vi)	Phosphorus (Min)	1%
vii)	Copper (Min)	20ppm
viii)	Zinc (Min)	40ppm
ix)	Iron (Min)	80ppm
x)	Selenium (Min)	0.1%
xi)	Biotin (Min)	15ppm
xii)	Vit A (Min)	4000 I.U..

4. PACKAGING AND LABELLING

4.1 Packaging

4.1.1 Compounded horse feed supplement for sale shall be packed in containers which are of sufficient strength and sufficiently sealed so as to withstand reasonable handling without tearing, bursting or falling open during normal handling and transportation.

4.1.2 Each container for compounded horse feed supplements shall be clean and free from visible indications of contamination, infection and insect infestation.

4.2 **Labelling** — the packages shall be securely closed and marked with the following information:

- (i) Name of product;
- (ii) Category of animals for which it is intended;
- (iii) Net Weight of the product;
- (iv) Batch number;
- (v) Name and physical address of the manufacturer;

- (vi) Date of manufacture and expiry
- (vii) Nutrients declaration:-Crude protein, crude fibre and crude fat.
- (Viii). Instructions for use and storage
- (x) Declaration for unique attributes for custom made products shall be declared on packaging.

5. SAMPLING

For the purpose of determining compliance with this standard, samples of horse feeds supplements shall be collected from the market or elsewhere and shall be required to comply with all the requirements of this Kenya Standard.

Public Review Draft