EDICT OF GOVERNMENT

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EAST AFRICAN STANDARD

Ostrich feed — Specification

EAST AFRICAN COMMUNITY

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Foreword

Development of the East African Standards has been necessitated by the need for harmonizing requirements governing quality of products and services in East Africa. It is envisaged that through harmonized standardization, trade barriers which are encountered when goods and services are exchanged within the Community will be removed.

In order to achieve this objective, the Partner States in the Community through their National Bureaux of Standards, have established an East African Standards Committee.

The Committee is composed of representatives of the National Standards Bodies in Partner States, together with the representatives from the private sectors and consumer organizations. Draft East African Standards are circulated to stakeholders through the National Standards Bodies in the Partner States. The comments received are discussed and incorporated before finalization of standards, in accordance with the procedures of the Community.

East African Standards are subject to review, to keep pace with technological advances. Users of the East African Standards are therefore expected to ensure that they always have the latest versions of the standards they are implementing.

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Ostrich feed — Specification

1 Scope

This East African Standard specifies the requirements and test methods for ostrich feed.

2 Definitions

For the purposes of this East African Standard, the following definitions shall apply:

2.1 pre-starter: 0 - 2 weeks
2.1.1 starter: 2 weeks - 2 months
2.1.2 grower: 2 months - 5 months
2.1.3 finisher: 5 months - 12 months
2.1.4 maintenance: 12 months - 24 months
2.1.5 breeder: 24 months and above

2.2 sterilized: Implies that a product has been sterilized in accordance with the East African Community Health Regulations.

3 Compositional and quality requirements

3.1 Permitted ingredients

The material which the product is prepared from, shall be of suitable quality for ostrich consumption.

3.1.1 Essential ingredients

a) Vitamins
b) Minerals
c) Maize meal
d) Fish meal
e) Lucerne
f) Alfalfa/ Lucerne

3.1.2 Optional ingredients

Electrolytes pH regulators enzymes

3.2 Prohibitions

3.2.1 Charcoal
3.2.2 Flavouring and colouring material
3.2.3 Non-protein nitrogen ingredients
3.3 Feeds additives

Permitted feed additives may be used, these may include,

a) Sodium chloride  
b) Anti-oxidants  
c) Probiotics  
d) Anti-mycotoxins

Their use is limited by Good Manufacturing Practices

3.4 Water

Water used in the preparation of the product and in the washing of equipment shall comply with the requirements of relevant East African Standard.

4 Nutrient requirements

When tested in accordance with the test methods specified in Table 1, pre-starter, starter, grower, finisher, maintenance and breeder diets shall comply with the requirements given in the same table.

Table 1 — Nutrient requirements for ostrich feed

<table>
<thead>
<tr>
<th>Feed</th>
<th>Crude protein</th>
<th>Moisture</th>
<th>Fibre</th>
<th>Calcium</th>
<th>Phosphorus</th>
<th>Salt</th>
<th>M/E</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Min. g/kg</td>
<td>Max. g/kg</td>
<td>g/kg</td>
<td>Min. g/kg</td>
<td>Max. g/kg</td>
<td>Min. g/kg</td>
<td>Min. g/kg</td>
</tr>
<tr>
<td>Pre-starter</td>
<td>230</td>
<td>120</td>
<td>50 (max)</td>
<td>10</td>
<td>16</td>
<td>7</td>
<td>2</td>
</tr>
<tr>
<td>Starter</td>
<td>220</td>
<td>120</td>
<td>50 (max.)</td>
<td>10</td>
<td>16</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td>Grower</td>
<td>190</td>
<td>120</td>
<td>60 (min.)</td>
<td>9</td>
<td>15</td>
<td>5.5</td>
<td>2</td>
</tr>
<tr>
<td>Finisher</td>
<td>140</td>
<td>120</td>
<td>60 (min.)</td>
<td>9</td>
<td>15</td>
<td>5.5</td>
<td>2</td>
</tr>
<tr>
<td>Maintenance</td>
<td>100</td>
<td>120</td>
<td>60 (min.)</td>
<td>8</td>
<td>15</td>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td>Breeder</td>
<td>180</td>
<td>120</td>
<td>60 (min.)</td>
<td>8</td>
<td>15</td>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td>Test methods</td>
<td>EAS 74</td>
<td>EAS 74</td>
<td>EAS 74</td>
<td>EAS 74</td>
<td>EAS 74</td>
<td>EAS 74</td>
<td>ISO 9831</td>
</tr>
</tbody>
</table>

5 Upper limits of toxins and anti-nutritional factors

When tested in accordance with the test methods specified in Table 2, the upper limits of toxins and anti-nutritional factors in ostrich feeds shall be as specified in the same table.

Table 2 — Upper limit of toxins and anti-nutritional factors

<table>
<thead>
<tr>
<th>Toxins and anti-nutritional factors (max. limits)</th>
<th>Class diets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-starter</td>
<td>Starter</td>
</tr>
<tr>
<td>Mycotoxins mg/kg</td>
<td>5</td>
</tr>
<tr>
<td>Free Gossypol mg/kg</td>
<td>50</td>
</tr>
<tr>
<td>Trypsin inhibitor (Measured in urease activity) %</td>
<td>5</td>
</tr>
</tbody>
</table>

6 Sampling and preparation of test samples

Methods of sampling animal feeding stuffs and the preparation of test samples, shall be in accordance with EAS 74-2.

7 Containers

Ostrich feeds shall be packed in containers, which are, sound and clean and which shall be able to protect the feed from contamination.
8 Labelling

Every container of ostrich feed purporting to comply with this East African Standard, shall be labelled in accordance with EAS 38, *Labelling of prepackaged foods* and shall bear the following information, which shall be printed either on the container or on the label attached thereto.

a) name of the product;
b) name and physical address of the manufacturer;
c) expiry dates;
d) batch number;
e) date of manufacture and
f) a description of the type of ostrich feed and an indication of the class of ostrich to which it is to be fed.