

**FERTILIZERS AND ANIMAL FOODSTUFFS
(APPROVED ANIMAL FOODSTUFFS) RULES, 1972**

[L.N. 211/1972.]

1. These Rules may be cited as the Fertilizers and Animal Foodstuffs (Approved Animal Foodstuffs) Rules, 1972.

2. The animal foodstuffs specified in the first column of Part I of the Schedule hereto and having the implied definitions shown in the second column of Part I of the said Schedule and having the characteristics specified in Part II of the said Schedule, are hereby prescribed to be approved animal foodstuffs:

Provided that an animal foodstuff shall be deemed to have complied with the requirements of the analysis guaranteed by the vendor if it is not deficient in any of its ingredients within the limits of variation specified in Part II of the Schedule hereto.

SCHEDULE

[r. 2.]

PART I

<i>Animal Foodstuff</i>	<i>Implied Definition</i>
Alfalfa (lucerne) Meal 1	Alfalfa (lucerne), as grown, dried and ground, to which no other matter has been added.
Barley	Commercially pure barley, as grown.
Barley meal	The meal obtained by grinding barley, as grown, which shall be the whole grain together with only such other substance as may reasonably be expected to have become associated with the grain in the field and which contains not less than 96 per cent pure barley.
Barley meal, Grade II	The meal, other than barley meal as defined, contained by grinding barley, as grown, which shall be the whole grain together with only such other substances as may reasonably be expected to have become associated with the grain in the field and which contains not less than 90 per cent pure barley.
Bean meal	The meal obtained by grinding commercially pure beans of the species (1) <i>Vicia faba</i> (synonym <i>faba vulgaris</i>) or any of its varieties, commonly known as "horse bean", "field bean", or "broad bean", or (2) <i>Phaseolus vulgaris</i> the "true haricot bean" or any of its varieties, white or coloured, or (3) <i>dolichos lablab</i> , the dolichos, lablab or njahi bean or (4) <i>Stizolobium</i> or <i>Mucuna</i> species the velvet beans.
Cassava	The commercially pure dried peeled root of the cassava plant.
Cassava meal	The meal obtained by grinding the commercially pure dried peeled root of cassava.
Clover meal	Whole clover, as grown, dried and ground to which no other matter has been added.
Compound cakes or meals	Cake or meals consisting of a mixture of two or more of the articles mentioned in column 1.

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[Subsidiary]

SCHEDULE, PART I—*continued*

<i>Animal Foodstuff</i>	<i>Implied Definition</i>
Cotton cakes or meals not decorticated	The residue resulting from the removal of oil from commercially pure cotton seed, not decorticated.
Cotton cakes or meals from decorticated or partly decorticated cotton seed	The residue resulting from the removal of oil from commercially pure cotton seed from which the cortex, in whole or in part, has been removed.
Dried brewery grains	The article produced by drying the residue of malted and unmalted cereals used in brewing, to which no other matter has been added.
Dried distillery grains	The article produced by drying the residue from distillery mashtuns, to which no other matter has been added.
Dried green fodder crops	Any product which is obtained by artificially drying any green crop or crops suitable for use as dried fodder for cattle, pigs or poultry and is otherwise as grown (that is to say including any growths harvested therewith but with no other substance added thereto), and
(i) High quality	Contains not less than 13 per cent protein calculated on the assumption that it contains 10 per cent moisture.
(ii) Medium quality	Contains less than 13 per cent protein but not less than 10 per cent protein calculated on the assumption that it contains 10 per cent moisture.
(iii) Maintenance quality	Contains less than 10 per cent protein calculated on the assumption that it contains 10 per cent moisture.
Dried Yeast	An article produced by drying yeast or yeast residues, to which no other matter has been added.
Extracted linseed meal	The residue resulting from the removal of oil from commercially pure linseed by means of a solvent.
Feeding bone flour	The produce obtained by grinding commercially pure steamed bone.
Feeding dried blood	Blood which has been dried, to which no other matter has been added.
Feeding meat and bone meal, carcass meal ..	The product, containing not less than 40 per cent of protein and not more than 4 per cent of salt obtained by drying and grinding animal carcasses or portions thereof (excluding hoof and horn) and bone, to which no other matter has been added, but which may have been preliminarily treated for the removal of fat.
Feeding meat meal	The product, containing not less than 55 per cent of protein and not more than 4 per cent of salt, obtained by drying and grinding animal carcasses or portions thereof (excluding hoof and horn) which may have been preliminarily treated for the removal of fat.
Fish meal, fish residue meal	A product obtained by drying and grinding or otherwise treating fish or waste of fish, to which no other matter has been added.
Flaked maize	The product obtained by cooking and flaking commercially pure maize or Indian corn, either as grown or from which the germ, in whole or in part, has been removed.

SCHEDULE, PART I—*continued*

<i>Animal Foodstuff</i>	<i>Implied Definition</i>
Ground or crushed oats	The meal obtained by grinding or crushing commercially pure oats, as grown.
Linseed cakes or the meals of such cakes	The residue resulting from the removal of oil from commercially pure linseed or the meal obtained by grinding or crushing commercially pure linseed.
Liver meal	The meal obtained by drying and grinding animal livers which may have been preliminarily treated for the removal of fat or oil.
Locust bean meal	The meal obtained by grinding or crushing commercially pure locust beans.
Maize	Commercially pure maize, as grown.
Maize germ cake or meal	A meal or cake resulting from the grinding of maize germs or of maize germs from which the oil has been removed in whole or part.
Maize-gluten feed	A by-product resulting from the removal of starch and germ from maize, to which no matter has been added.
Maize meal	The meal obtained by grinding commercially pure maize as grown.
Malt columns	The rootlets and shoots arising from the screening of malt, to which no other matter has been added.
Mineral feeding supplements	Any minerals stocklick or substance which could be used as stocklick which is alleged to possess nutritive properties but shall not apply to supplements not containing phosphoric acid.
Nut cakes or meal including coconut, copra, palm kernel and ground nut cakes and meals.	The residue resulting from the removal of oil from commercially pure nut kernels.
Oats	Commercially pure oats as grown.
Oat feed	The by-product of oatmeal milling consisting of hulls, floury materials, mealy matter, screen dust, all finely ground and containing no more than 27 per cent of fibre.
Pea meal	The meal obtained by grinding commercially pure peas, as grown, of varieties of <i>Pisum sativum</i> or <i>Pisum arvense</i> , or the varieties of <i>Vigna catiang</i> "cow" peas, or the varieties of <i>Cajanus</i> , "pigeon" peas.
Pyrethrum marc.	The steamed, dried residue from the extraction of dried, ground pyrethrum <i>Chrysanthemum cinerariifolium</i> flowers with a light petroleum solvent.
Rape cake or meal	The residue resulting from the removal of oil from commercially pure rape seed.
Rice bran, rice meal	The by-product produced in milling shelled rice to which no other matter has been added.
Sorghum: dari: durra	Commercially pure sorghum (dari: durra) as grown.
Sorghum meal (dari or durra meal)	The meal obtained by grinding commercially pure sorghum (dari: durra) as grown.
Soya cake or meal	The residue resulting from the removal of oil from commercially pure soya beans.

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[Subsidiary]

SCHEDULE, PART I—continued

<i>Animal Foodstuff</i>	<i>Implied Definition</i>
Sugar-beet treacle; sugar-beet molasses	A concentrated syrup product obtained in the manufacture of sugar from sugar-beet to which no other matter has been added.
Sugar-cane treacle; sugar-cane molasses	A concentrated syrup product obtained in the manufacture of sugar from sugar-cane to which no matter has been added.
Sunflower seed cakes or meal not decorticated.	The residue resulting from the removal of oil from commercially pure sunflower seed, not decorticated.
Sunflower seed cakes or meal from decorticated or partly decorticated sunflower seed	The residue resulting from the removal of oil from commercially pure sunflower seed from which the cortex in whole or in part, has been removed.
Wheat	Commercially pure wheat, as grown.
Wheat germ	A meal or cake resulting from grinding of wheat germs.
Wheat meal	The meal obtained by grinding commercially pure wheat, as grown.
Wheat offals, millers' offals	A product of wheat separated in the process of milling and containing no more than 4 per cent of vegetable substances other than wheat, extracted from wheat in the process of cleaning by the maker of the offals in the production of flour.
White fish meal	A product (containing not more than 6 per cent of oil and not more than 4 per cent of salt) obtained by the drying and grinding or otherwise treating white fish or waste of white fish to which no other matter has been added.
Dried beet pulp	The article produced by drying the sugar beet residue produced in manufacture of sugar from sugar-beet, with or without the addition of molasses.

(The term "commercially pure" mentioned in these Rules, implies that no other matter may be added).

PART II

Particulars of composition to be contained in statutory statement

LIMITATIONS OF VARIATION

(Percentages are percentages of the whole bulk)

(a) *None:*

- Barley
- Barley meal
- Barley meal (Grade II)
- Bean meal
- Cassava
- Cassava meal
- Ground or crushed oats
- Locust bean meal
- Maize
- Maize meal
- Oats

SCHEDULE, PART II—*continued*

LIMITATIONS OF VARIATION

(Percentages are percentages of the whole bulk)

Pea meal	
Pyrethrum marc.	
Wheat	
Wheat meal	
(b) Amount of fibre:	
Dried plain beet pulp	Fibre, 1 per cent or $\frac{1}{8}$ th of the amount stated whichever is the greater.
Oatmeal by-products	Fibre, 1 per cent or $\frac{1}{8}$ th of the amount stated whichever is the greater provided that the name "oatfeed" shall not be applied to any article containing more than 27 per cent of fibre.
Wheat offals or millers' offals	Fibre, 1 per cent or $\frac{1}{8}$ th of the amount stated whichever is the greater; if the actual amount is less than that stated one-half the amount stated.
(c) Amount of oil:	
Linseed meal	Oil, 0.75 per cent or $\frac{1}{10}$ th of the amount stated, whichever is the greater.
(d) Amount of protein:	
Dried green fodder crops high quality	Protein, $\frac{1}{10}$ th of the amount stated provided that the name "dried grass" shall not be applied to any article containing less than 13 per cent protein or the names "dried grass (maintenance)" or "dried green fodder crop" to any articles containing less than 10 per cent protein.
Medium quality maintenance quality	
Dried yeast feeding dried blood	Protein, $\frac{1}{10}$ th of the amount stated or 4 per cent whichever is the less.
(e) Amount of fibre and protein respectively:	
Clovermeal	Protein, $\frac{1}{10}$ th of the amount stated fibre, $\frac{1}{8}$ th of the amount stated.
Lucerne (alfalfa) meal	Protein, $\frac{1}{5}$ th of the amount stated.
Malt culms	Fibre, 1 per cent or $\frac{1}{8}$ th of the amount stated, whichever is greater.
(f) Amounts of oil and protein respectively:	
Coconut or copra cake or meal	Oil, 0.75 per cent or $\frac{1}{10}$ th of the amount stated, whichever is the greater.
Cotton cakes or meal not decorticated	Protein, $\frac{1}{10}$ th of the amount stated.
Sunflower cakes or meal not decorticated	Oil, 0.75 per cent or $\frac{1}{8}$ th of the amount stated, whichever is the greater.
Oil cakes or meal not otherwise specifically mentioned in this Schedule which are the product of any one undecorticated substance of seed from which oil has been removed.....	Protein, $\frac{1}{10}$ th of the amount stated.

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[Subsidiary]

SCHEDULE, PART II—*continued*

LIMITATIONS OF VARIATION

(Percentages are percentages of the whole bulk)

- Liver meal, palm kernel cake or meal
linseed cakes and the meal of such
cakes; extracted linseed meal; maize
flaked; maize germ cake or meal;
maize gluten feed; rape cake or meal;
soya cake or meal.
- Wheat germ.
- Dried brewery and distillery grains
- Oil, 0.75 per cent or $\frac{1}{10}$ th of the amount stated,
whichever is the greater protein, $\frac{1}{8}$ th of the
amount stated.
- Oil, 0.75 per cent or $\frac{1}{5}$ th of the amount stated
whichever is the greater. Protein, $\frac{1}{8}$ th of the
amount stated.
- (g) *Amounts of protein and phosphoric acid
respectively:*
- Feeding bone flour Phosphoric acid, $\frac{1}{20}$ th of the amount stated.
Protein, $\frac{1}{10}$ th of the amount stated.
- Feeding bone meal, ground bone or any
other bone product for feeding
purposes. Phosphoric acid, $\frac{1}{10}$ th of the amount stated.
Protein, $\frac{1}{10}$ th of the amount stated.
- (h) *Amount of calcium oxide; phosphoric acid
and salt:*
- Mineral feeding supplements Calcium oxide, $\frac{1}{20}$ th of the amount stated.
Phosphoric acid, $\frac{1}{20}$ th of the amount stated.
Salt, $\frac{1}{20}$ th of the amount stated.
- (i) *Amount of oil, protein and phosphoric acid
respectively:*
- Feeding meat, bone meal or any other
product of meat and bone for feeding
purposes. Oil, 0.75 per cent or $\frac{1}{10}$ th of the amount stated
whichever is the greater. Protein, $\frac{1}{10}$ th of the
amount stated.
- Feeding meat meal or any other product
of meat for feeding purposes. Phosphoric acid, $\frac{1}{10}$ th of the amount stated.
Provided that the names "feeding meat meal"
and "feeding meat and bone meal" shall not be
applied to articles containing less than 55 per
cent and less than 40 per cent of protein
respectively.
- (j) *Amounts of oil, protein and fibre respectively:*
- Compound cakes or meal consisting of
an admixture of two or more of the
articles mentioned in these Rules. Oil, 0.75 per cent or $\frac{1}{10}$ th of the amount stated,
whichever is the greater. Protein, $\frac{1}{10}$ th of the
amount stated. Fibre, 1 per cent or $\frac{1}{10}$ th of the
amount stated, whichever is the greater; if the
actual amount is less than that stated, one-half
of the amount stated.
- Cotton cakes or meal from decorticated
or partly decorticated cotton seed.
- Maize by-products not otherwise
specifically mentioned in these Rules.
Oil cakes or meal not otherwise
specifically mentioned in this Notice
which are the products of any one
decorticated or partly decorticated
substance or seed from which oil has
been removed. Rice bran or rice meal
or the by-product produced in milling
shelled rice. Oil, 0.75 per cent or $\frac{1}{10}$ th of the amount stated,
whichever is the greater. Protein, $\frac{1}{10}$ th of the
amount stated. Fibre, 1 per cent or $\frac{1}{10}$ th of the
amount stated, whichever is the greater.
- Sunflower cakes or meal decorticated or
partly decorticated.

SCHEDULE—continued

(k) Amount of oil, protein phosphoric acid and salt respectively:

Fish meal, white fish meal or other product obtained by grinding or otherwise treating fish or fish waste. Oil, 0.75 per cent or $\frac{1}{10}$ th of the amount stated, whichever is the greater. Protein, $\frac{1}{10}$ th of the amount stated. Phosphoric acid $\frac{1}{6}$ th of the amount stated. Salt, 0.75 per cent: Provided that the names "white fish meal" shall not be applied to any article containing more than 6 per cent oil or 4 per cent salt.

(l) Sugar

Molasses

Molasses feeds containing not less than 10 per cent sugar. Sugar $\frac{1}{10}$ th of the amount stated.

The amount, in each case, shall be stated as a definite percentage of the weight of the articles.

Phosphoric acid shall be stated in terms of phosphoric anhydride (P_2O_5).

The amount of protein stated shall be the amount of nitrogen, other than ammonia or nitric nitrogen multiplied by 6.25 or, in the case of pure wheat products, by 5.70.