

# Animal feed

Natural food intended for feeding farm animals, formulated to provide the nutrients necessary for their growth, health and productivity.

***From Coffee Husks produced during the dry processing method.***

## Materials & resources

To produce 100kg of feed:

- 30–40 kg of clean, dry coffee husk (from dry processing or parchment)
- Water
- 10–15 kg of molasses or fruit scraps (to reduce bitterness)
- Max 1 kg of urea (optional, as a nitrogen source)
- 40–50 kg of hay, straw, dried grass (for blending)
- Containers for mixing and fermenting (bins, plastic bags)

## Warnings

1. Coffee husk by itself is not a complete food. It should be processed and mixed with other ingredients to reduce antinutritional compounds (such as caffeine and tannins) and make it digestible.
2. Do not feed to monogastrics (chickens, pigs) without more advanced industrial processing.
3. It is important to monitor the response of the animals and consult a local veterinarian/zootechnician.

## Steps

1. Make sure the coffee husk is well dried and clean of contamination. Chop it coarsely if there are too large pieces.
2. Soak the coffee husk in warm water for 24–48 hours, changing the water every 12 hours to remove caffeine and tannins. Finally drain and let drain.
3. Blend processed coffee husk with:  
Molasses (2–5%) to improve taste and provide energy; hay or straw (50–60%) to balance fiber; urea (1% max) only for adult ruminants to improve protein content; fruit scraps (10–20%) such as bananas and fruit peels to enrich nutritive value.
4. Put the mixture in tightly closed plastic bags or barrels. Let it ferment for 5–7 days in a shady environment. This process is optional, but recommended to further reduce antinutritional compounds and improves digestibility.
5. After fermentation, you can re-dry the feed to keep it longer, or use it fresh within a few days.
6. Administer in small amounts as a supplement to the diet (no more than 15–20% of the total ration). This feed is suitable for cattle, sheep and goats.

