



SOLUTIONS FOR COWS THAT MAKES YOUR FARM PERFORM BETTER



Koudijs AKF is a professional animal feed production company and the most modern in Ethiopia. Koudijs AKF is a joint venture with De Heus Animal Nutrition.

Founded in the Netherlands, De Heus is active in animal nutrition for over 100 years and has factories all over the world. Koudijs AKF customers benefits from this partnership using the knowledge De Heus gains from all over the world and shares with our Ethiopian specialists.

THIS RESULTS IN A COMPLETE RANGE OF PRODUCTS FOR RUMINANTS:

CALF PELLETT

Your calf is your baby, it deserves the very best. To make your calf a highly productive cow, you need to provide it with the best possible nutrition. Koudijs AKF has a unique product; a pelletized feed. While this calf pellet is cheaper than milk, we advice to stop milk feeding at 3 months. This calf pellet contains high levels of energy, protein, vitamins and minerals for the best growth of your calf. Follow the feeding and management instructions in table 1 for optimal results.

HEIFER FEED

After using Calf Pellet, you change to Heifer Feed. Your heifers are still in their youth growth, and need feed to supplement the roughage. Heifer Feed ensures a good growth from calf to lactating cow.

DAIRY BASIC FEED

As the names states; a basic feed. Very suitable for local and cross breeds with low exotic blood level. If you are aiming for only economical production this feed is suitable for you.

TABLE 1. FEEDING AND MANAGEMENT INSTRUCTIONS

After Birth	Feed
1-3 days	<ul style="list-style-type: none"> 4-6 Liter colostrum per day 3-4 Liter directly after calving
Till 10 weeks	<ul style="list-style-type: none"> 4L milk per day Ad libitum calf pellet after 1 week Unlimited water, unlimited hay/straw. No fresh grass! Wean at 10 weeks, gradually decrease milk 2 weeks before Minimum 2 kg calf pellet consumption at weaning point
Till 6 months	<ul style="list-style-type: none"> Ad libitum water and good quality hay/straw 3 kg calf pellet per day. Increase if body condition is poor
6 months till calving	<ul style="list-style-type: none"> Heifer feed, 3 kg per day. Increase if body condition is poor

DAIRY EXCELLENT FEED

You are a commercial farmer with crossbreed cows with a high blood level, focusing on a high production and profit on your farm. Then Dairy Excellent feed is the right feed for you. It has higher levels of protein, energy, vitamins and minerals to balance with the roughage available on your farm. The higher levels of vitamins make your cows easier pregnant and more healthy!

DAIRY SUPER FEED

Dairy Super is the best of the best. If you are a commercial farmer focusing on the highest production, health and profit; Dairy Super is the best choice for you. This feed contains the highest level of nutrients, ensuring a high level of milk production, fertility and health. With Dairy Super feed and our advice on your farm, you will become a top farmer!

TABLE 2. OUR ASSORTMENT:

Product	Quality	Pelleted	Feeding rate
Calf Pellet	***	Yes	2-3 kg/d
Heifer Feed	**	No	3 kg/d
Dairy Basic	*	No	See Table 3
Dairy Excellent	**	No	See Table 3
Dairy Super	***	Yes	See Table 3

HOW AND WHEN TO USE AKF DAIRY FEEDS?

Feed cows during the start of the lactation according to table 3. After 21 days, switch to feeding based on milk production: 1 kg of dairy feed for 2 L of milk. Provide the feed on an individual basis to the cows to avoid fat or skinny cows.

For dry cows: gradually increase the amount of dairy concentrate 2 weeks before calving to 4 kg per day at calving.

TABLE 3. RECOMMENDED FEED AMOUNT:

Number of days in milk	Feed per day (in kg) <small>(provided in equal portions 3 times a day)</small>
0-6 days	4-5 kg
7-13 days	6-7 kg
14-20 days	8-9 kg
21-28 days	10 kg
> 28 days	1 kg feed per 2 liter milk produced

“Our cows gives now over 25 % more milk a day”

Mekonnen Ararso, Milk producer located in Degem

BASIC PRINCIPLES FOR SUCCESS

- **Roughage:** Make sure tasty roughage is always available: 24 hours per day, 7 days per week,
- **Water:** Water is the cheapest ingredient for your cow, but one of the most important. Make sure te cows have acces to unlimited water.
- **Feed DRY:** For optimum result, feed your cows the Koudijs AKF Dairy Feed dry! Do not mix the feed with water, to make a slurry. Get your cows used to dry feed, and see the improvement!

As a farmer you have your cows to make profit. In the following example is explained how the investment in Koudijs AKF Feed is overcompensated with an increase in milk income and much better fertility (every year a calf).

TABLE 4. EXAMPLE OF MOVING FROM INGREDIENTS (LIKE WHEAT BRAN) TO KOUDIJS AKF FEED

Home mixing milk production	12	L/d
Home mixing milk revenue	240	Birr/d
Home mixing feed costs	59.5	Birr/d
Home mixing profit/cow/day	180.5	Birr/d

Milk production with Koudijs AKF	14	L/d
Milk revenue with Koudijs AKF	280	Birr/d
Koudijs AKF feed costs	85.1	Birr/d
Profit with Koudijs AKF/cow/day	195.0	Birr/d

Extra profit/cow/day with Koudijs AKF	14.5	Birr
Extra profit/cow/year with Koudijs AKF	5274.3	Birr

This calculation is based on:

Milk price	20.0	Birr/L
Koudijs AKF feed price	12.2	Birr/kg
Feed price home mixing	8.5	Birr/kg
Kg feed per cow	7.0	Kg/head



Feeding **Performance**