

Alpaca Nutrition Fact sheet.

Alpacas can only eat 1.8% of body weight in Dry Matter intake.

The concentrate portion of the diet must not exceed 25% of the dry matter intake.

Class of animal.	Required Energy density of diet in MJ/Kg DM	Required Protein density of diet in % DM
Adult male/Non-productive female.	8-10MJ/kg	8-10% protein
Non-lactating pregnant female first 2 trimesters	8-10Mj/kg	10-12% protein
Non-lactating pregnant female last trimester (last 2-3 months).	10 MJ/kg	12-14% protein
Lactating female	10.5 MJ/kg	13-15% protein
Cria <6 months	11 MJ/kg	14-16% protein
Cria 6-12 months	10MJ/kg	12-14% protein
Cria > 12 months	9-10MJ/kg	10-12% protein

Feed type	Energy (ME)	Protein
Grass	Minimum 7.5 MJ/kg Maximum 12.6MJ/kg Average 11.2MJ	Minimum 9.7% Maximum 19% Average 15.6%
Hay	Minimum 6.1 MJ/kg Maximum 11.5 MJ/kg Average 8.8 MJ/kg	Minimum 9% Maximum 14% Average 10.7%
Oats	12.1 MJ/kg	10.5%
Calf Pellets**	12-13 MJ/kg	16-24%
Alfalfa pellets	10 MJ/kg	15%
Fibregeest	10.5Mj/kg	10%
Readigrass	10MJ/kg	15%

** Calf pellets will vary in protein and energy content and specifications should be obtained from supplier.

Vitamin D3

Growing animals

- Oral supplements - 30 000 units every 2 weeks.
- In feed supplement - 2000 units per day in feed.
- Injection - 2000 units/kg every 2 months (Growing animals) i.e. 1 ml per 25 kg of Duphaftral ADE

Non-pregnant Adult animals

- Oral supplement - Camelibra 50g/day should be enough.
- Injection - 2000 units per kg in November.

Pregnant Females

Oral supplements as for growing animals.

- Injection - 2000 units/kg in December, and 1 month before due date.