



ADVANCED RURAL

Right feed! Right results!



BABY CALF CRUMBLE 21%

Animal Feed only.

PRODUCT DESCRIPTION

Advanced Baby Calf Crumble 21% is a crumble feed designed as a supplement for baby calves from 3 days of age to 3 months. This product can also be fed as a protein supplement to older calves, adult, commercial and stud cattle.

This feed is medicated with 50mg/kg Monensin Sodium for improved feed conversion efficiency and as an aid in the prevention of coccidiosis caused by *Eimeria zuernii* and *Emiria bovis*. Feeding Monensin to baby calves will allow the calves to develop their natural immunity to coccidiosis without scouring and loss in productivity that coccidiosis can cause. Feed containing Monensin must not be fed to horses, sheep, or dogs. There is no withholding period for cattle.

In a perfect world calves are reared on their mother's milk until weaning at 6 to 9 months of age. However dairy replacement heifers are often hand reared from 3 days of age as the cow's milk is required for sale. Beef calves may also need to be hand reared if they have lost their mother or if she is in poor condition and early weaning is required to save the cow. Calves can also be creep fed, where pellets are provided as a supplement to the cow's milk, in a feeding system that allows the calves access but excludes the cows. Creep feeding can help take pressure off the cow if she is in poor condition and ensure a well grown and healthy weaner is produced. Higher value stud calves can also be creep fed to maximise their early growth potential and have them in peak condition for show or sale. Recent research has shown that early calf performance in dairy calves has a lifelong effect on the animal productivity.

Advanced Baby Calf Crumbles 21% are proudly manufactured in Far North Queensland. They are designed to meet the energy, protein, vitamin, and mineral requirements for calves from 3 days of age. Being in a pellet form, the grain component has been finely ground and heat treated in the pelleting process to gelatinise the starch. This process makes the energy more digestible in the rumen and ensures calves can fully digest the starch and utilise the high energy.

TYPICAL ANALYSIS: (AS-FED)

Min. Crude Protein	21.00%
Min. Calcium (Ca)	1.00%
Min. Crude Fat	2.50%
Min. Phosphorus (P)	0.60%
Max. Crude Fibre	8.00%
Max Salt (NaCl)	1.50%

ADDED MINERALS AND VITAMINS

Min. Ferrous Iron (Fe++)	80.00 mg/kg
Min. Manganese (Mn)	35.00mg/kg
Min. Zinc (Zn)	100.00 mg/kg
Min. Copper (Cu)	8.30 mg/kg
Min. Iodine (I)	1.25 mg/kg
Min. Cobalt (Co)	0.40 mg/kg
Min. Selenium (Se)	0.25 mg/kg
Min. Vitamin A	13,000.00 iu/kg
Min. Vitamin E	50.00 mg/kg
Min. Vitamin D3	2000.00 iu/ kg
Min. Vitamin K3	2.00mg/kg
Min. Vitamin B1	1.60 mg/kg
Min. Vitamin B2	7.50 mg/kg
Min. Vitamin B6	3.00 mg/kg
Min. Vitamin B12	0.025 mg/kg
Min. Niacin	25.0 mg/kg
Min. Biotin	0.20 mg/kg
Min. Pantothenic Acid	12.50 mg/kg
Min. Folic Acid	1.60 mg/kg

DIRECTIONS FOR USE

It is essential that a newborn calf has access to colostrum milk in the first 6 hours of life. The colostrum milk produced by the cow contains antibodies that help protect the young calf from infections until they can develop their own immunity. Without adequate colostrum and apparently healthy calf can suddenly become sick and die from infection.

Baby calf Crumble 21% are suitable for calves from 3 days of age. These very young calves must also be fed on milk or milk replacer and initially the amount of Baby calf Crumble





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21% consumed will be small. The Baby calf Crumble 21% can also be mixed with milk to encourage the calves to start consuming the crumble.

Feeding milk and calf milk replacers (Powdered milk) to calves is expensive and can result in digestive upsets and scours. The baby calf has a digestive system design to digest milk. Calves must be fed milk or milk replacers until their Rumen has developed to be able to digest grains and roughage. Introducing crumbles and chaff to the baby calf as soon as possible, will assist in the process of rumen development. By the age of 6 to 8 weeks the calf should be eating over 750 grams of pellets per day and at this point they can be weaned off all milk. Calves should be fed free choice crumbles to maintain maximum growth rates.

Always provide access to grass in the paddock or hay and chaff in the yards. Introduce pellets gradually to avoid overconsumption in older calves. If practical calves of similar sizes should be penned together to avoid bullying. Provide adequate trough space so all calves can access crumbles. Hygiene in calf rearing facilities is very important. If one calf gets sick it should be isolated in a hospital pen to avoid the risk of infecting other calves.

Ensure fresh, clean drinking water is always available.

ADULT CATTLE

Baby Calf Crumbles can also be fed as a supplement to adult cattle. Feeding rates will depend on animal condition and

WARNING

Do not allow dogs, horses, or other equines access to this feed. Ingestion of Monensin by dogs and horses has been fatal.

This feed has been formulated specifically for animals described on the package, or the label attached to the package, and must not be used for other species of animals. Unsuitable for human consumption. The manufacturer accepts no responsibility if this feed is used in quantities, conditions or in any way other than in accordance with the manufacturer's recommendations. The manufacturer's recommendations for the use of this product may be obtained by contacting the Advanced Rural office.

THIS PRODUCT DOES NOT CONTAIN RESTRICTED ANIMAL MATERIAL.

This feed is available in 25 kg bags, 1tonne bulk bags and bulk deliveries.

Manufactured by:

Advanced rural

Albrecht Street, Atherton Qld 4883



desired performance. Seek advice from an Advanced Rural representative.

STORAGE

Feed is best stored under cover in a cool, dry place below room temperature (30°C.)

In the tropics keeping feed over the wet humid months is always a challenge. Keeping feed in sealed containers to keep insects and moisture out will maximise shelf life.

Pelleted feed such as the Advanced Baby Calf Crumbles 21% that have been heat treated in the pelleting process, will have a better shelf life than mash type feeds that have not been heat treated. Although pelleted feeds start off insect free, they will eventually come under attack after a period of storage.

Insect infestations like web moth, lemon mite and weevils are quite common in the tropics and although undesirable, they do not make feed unusable.

Mouldy feed will result if moisture levels increase above 14 % in hot, humid weather. Feed left in the bag or open containers will absorb moisture in tropical conditions.

Mould can produce toxins and calves can be very sensitive to mould toxins. Mouldy feed should never be fed to cattle.

FEED IS BEST USED BEFORE 6 MONTHS FROM DATE OF MANUFACTURE.

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