



PRODUCT DESCRIPTION

RIVERINA'S MILKMAKER CALF REARER is available in unique EXPANDATE (WEETBIX) OR CRUMBLE FORM.

- Calf rearing is an investment in your future dairy herd. How well you rear your replacement heifers will govern their future performance and therefore your profitability.

COMPOSITION

- Base grain as depicted seasonally, and therefore the proportions may vary.
- Barley, wheat, maize, bran and pollard, vegetable protein meals, full fat soyabean, molasses, vegetable oil, limestone, acidifier, sodium bentonite, dicalcium phosphate, salt, Rumensin™, Riverina Vitamin and Mineral Ruminant pack.

DIRECTIONS FOR USE

- At Riverina we believe the successful feeding of calves can be achieved by using a six-phase rearing program with each phase having its own unique set of performance objectives. Riverina has developed a range of supplementary feeds designed specifically to be fed throughout this six-phase rearing program. A summary of each phase and recommendations for feeding are given in the following table.

Table 1

Rearing Phase	Period
The colostrum phase	Birth 4 days
The pre-weaning phase	Day 5 to 1 week before weaning
The weaning phase	1 week before weaning to 3 weeks after weaning
The post-weaning phase	3 weeks after weaning to 15 months (joining)
The post-joining phase	15 months to 1 month before calving
The pre-calving phase	1 month before calving to calving

Recommended Product	Period & Feeding Rate
Riverina Calf Rearer	3 days-12 weeks Up to 1.2 kg/head/day
Riverina Calf XLR8	12 to 32 weeks Min 1-2kg/head/day
Riverina Heifer Grower	32 to 100 weeks Up to 7kg/head/day
Riverina Springer (DCAD)	4 weeks prior to calving 3 kg/head/day

EARLY WEAN CALF PROGRAM

- Calf Rearing Phases 1 to 3 are encompassed within an early wean calf program. This is shown in Table 2.
- During the first 4 days, the calf should receive an adequate intake of colostrum in preference to whole milk.
- Many studies have shown that the calf's failure to drink and absorb adequate quantities of colostrum antibodies are closely associated with neonatal septicaemia, diarrhoea and death in young calves.

- Riverina's Calf Rearer Crumble/Expandate is introduced gradually from birth, increasing the amount of feed given to about 300g/head per day throughout the pre-weaning (milk) phase.
- During Phase 3 the amount of creep feed is increased more rapidly as milk is phased out.
- Continue to feed Riverina's Calf Rearer Crumbles/Expandate after the calf is weaned to ensure there is no check in the growth rate.

Table 2 – Early Wean Calf Program

Day	Number Of Days	Riverina Calf Rearer	Whole Milk Litres/day
Phase 1 Colostrum Phase			
0-4	4	0.1	3.0
Phase 2-Pre-Weaning Phase			
5-8	4	0.2	3.0
9-35	26	0.3	4.5
Phase 3-Weaning Phase			
36	1	0.4	4.0
37	1	0.5	4.0
38	1	0.7	3.0
39	1	0.9	3.0
40	1	1.0	2.0
41	1	1.0	1.0
42	1	1.2	Weaned
43-84	41	1.2	-

TECHNICAL RELEVANCE

- Contains digestible ingredients for young calves
- Protein meals providing natural sources of essential amino acids.
- Contains essential vitamins and minerals, digestive aids, attractants and flavours.
- Expanded form aids in enhanced digestibility due to the Scientific manner in that the feed is prepared.

VETERINARY CHEMICALS

This feed contains the following veterinary chemical-

- Rumensin™ as monensin sodium at the rate of 30 milligrams per kilogram.

MEDICINAL CLAIM

- Monensin sodium is added to this feed to improve the efficiency of rumen digestion and aid in the prevention of coccidiosis.





NUTRITIONAL ANALYSIS

PROTEIN	%	:	20.00
CALCIUM	%	:	1.5-2.00
PHOSPHORUS	%	MIN:	0.50
C FIBRE	%	:	3.00
ENERGY ME	MJ/kg	:	11.50
SALT	%	:	0.5
VIT A	iu/kg	:	11,700
VIT D3	iu/kg	:	2,300
VIT E	mg/kg	:	29.00
VIT K	mg/kg	:	2.90
VIT B1	mg/kg	:	2.90
VIT B2	mg/kg	:	9.40
NIACIN	mg/kg	:	58.00
VIT B5	mg/kg	:	14.5
VIT B6	mg/kg	:	9.40
VIT B12	mg/kg	:	0.020
FOLIC	mg/kg	:	2.95
BIOTIN	mg/kg	:	0.17
COBALT	mg/kg	:	0.6
COPPER	mg/kg	:	14.00
FERROUS	mg/kg	:	70.00
IODINE	mg/kg	:	1.50
MANGANESE	mg/kg	:	47.00
SELENIUM	mg/kg	:	0.120
ZINC	mg/kg	:	47.00

STORAGE

Cool, dry conditions, away from vermin.

EXPIRY AFTER MANUFACTURE

3 months from the date of manufacture.

PACK SIZE

20kg woven polypropylene bags.

Or

Bulk loads: Contact your local Riverina Sales Representative for details.

Rumensin™ is a product of Elanco.

SPECIAL FEATURES

COMPLETE FEED

- Supplies essential nutrients for growth. No need for any other supplementary feed to be used.
- Our early calf feed is also available in precooked and gelatinized form by unique "EXPANDER TECHNOLOGY" and is known as the Riverina Calf Rearer Expandate.

IN CRUMBLE FORM

- Eliminates separation that can occur with mash/meal type feeds. Improved digestibility. Consistent nutrient intake.

QUALITY PRODUCT

- Manufactured to strict quality control standards.

PRECISE FORMULATION AND MIXING

- Formulated in accordance with current research into calf nutrition and mixed from a variety of quality raw materials.

MEDICATED

- Medicated to aid in the prevention of coccidiosis.

WITHHOLDING PERIOD

Meat. Nil.

WARNING

Do not feed to dogs, horses or other equines, may be fatal.



This feed is scientifically designed for the intended species of animal and should not be fed to any other animal. It may contain medication and ingredients that may prove harmful if fed to other species.
Ver: 3.0

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