



**26363
MEDICATED**

Complete feed for dairy-grower, heifers, bulls and dairy bulls, 1-3 months to 12 months of age.

For control of coccidiosis caused by Eimeria bovis and Eimeria zuernii in replacement calves.

ACTIVE DRUG INGREDIENT
Lasalocid.....60 g/ton

GUARANTEED ANALYSIS

Crude Protein (min)	16.0%
Crude Fat (min).....	4.5%
Crude Fiber (max).....	4.1%
Acid Detergent Fiber (max)	5.2%
Calcium(Ca) (min).....	0.8%
Calcium(Ca) (max).....	0.9%
Phosphorus(P) (min)	0.6%
Salt(NaCl) (min).....	0.6%
Salt(NaCl) (max)	0.7%
Selenium(Se) (min)	0.3 ppm
Vitamin A (min)	12,540 IU/lb
Vitamin D (min).....	2,550 IU/lb
Vitamin E (min).....	56 IU/lb



**CALF X 16% CALF GROWER BOV
NEOTEC5G - CELMANAX - BOVATEC**

FEATURE	BENEFIT
High Quality Protein	Plant protein sources are selected based on sufficient essential amino acids to meet the needs for maintenance and growth of young calves.
Flavored Enhanced	Unique flavor application method is used to optimize feed consumption encouraging starter intake and performance.
NeoTec5g	<ul style="list-style-type: none"> Improved ADG of 18% Improved frame growth Improved feed efficiency Less days with diarrhea Less Clostridial sickness Better titers to typical vaccines
Celmanax	Acts against different gastrointestinal challenges; calves partition energy to growth as opposed to fighting immunity challenges.
Availa Plus	Provides essential chelated trace minerals, that has been shown to sustain welfare and overall health, resulting in greater profitability.
Bovatec	<ul style="list-style-type: none"> Effectively controls coccidiosis Increases rate of weight gain and feed efficiency
Sel-Plex	Easily absorbed form of selenium. Plays an essential role in metabolism, supporting the body's normal defense mechanism against infection, and allowing for normal growth.
ClariFly	<ul style="list-style-type: none"> Interrupts the fly's life cycle rather than through direct toxicity Prevents development of house flies, stable flies, face flies and horn flies in the manure of treated calves Compatibility with Integrated Pest Management (IPM) practices Added through the months of April through October



NeoTec5^g
...for ^{more} calf performance and profit



NeoTec5g is the combination of NeoTec4 and the three nutritional factors "A, M, and D". The resulting product, called NeoTec5g, provides highly functional nutrients and improves performance of calves in the milk feeding, starter and grower phases of life. NeoTec5g has been a key ingredient in our calf milk replacers and is now a part of the Calf Xcellence starter and grower.



CALF STARTERS: GRAIN SOURCE

Which method of processing is best for calves?
Which promotes intake and rumen development?
In the October 2004 issue of the Journal of Dairy Science, Lesmeister and Heinrichs reported on a study where four different methods of corn processing were compared in calf starters.

The calf starters used in the study were all texturized and contained a pellet (46.1%), oats (15.5%), molasses (5.1%) and 33.3% of the experimental processed corn. The corn was either whole corn (density 44.95#/ft³), dried rolled corn (47.45#/ft³), roasted-rolled (26.84#/ft³) or steam-flaked (23.72#/ft³). The roasted corn was processed at 267.8 F for 90 seconds, hot water conditioned for 15 min, then coarse rolled and cooled.

The results, as can be seen in Table 1, calves fed whole and dry rolled corn grew faster during the last two weeks of the study (wk 5-6). This increased growth was due to greater starter intake. Calves fed roasted or steam-flaked corn generally ate less starter during the last two weeks and therefore grew slower. Feed efficiency of calves fed whole or dry rolled corn were also greater compared to other calves.

Item	TREATMENT			
	Whole	Dry Rolled	Roasted Rolled	Steamed Flake
BW gain lb	45.57	42.99	43.54	39.48
Weaning	22.20	21.85	22.55	21.76
5-6 weeks	23.37	21.14	20.99	17.73
ADG lb/day				
1-4 weeks	0.780	0.789	0.780	0.760
5-6 weeks	1.588	1.637	1.419	1.222
CMR intake				
1-4 weeks	1.143	1.148	1.181	1.163
Intake lb/day				
1-4 weeks	0.361	0.379	0.289	0.278
5-6 weeks	2.760	2.982	2.529	2.465
FE				
1-4 weeks	2.050	2.330	2.200	2.080
5-6 weeks	1.890	1.880	2.070	2.330



**NOW AVAILABLE
IN OUR CALF STARTERS AND GROWERS**

Factor	--	A	M,D	A,M,D	P value	
					M,D	A
Milk Replacer and Starter						
ADG, lb/d	1.11	1.21	1.2	1.31	0.05	0.03
Feed efficiency, gain/feed	0.435	0.449	0.460	0.468	0.08	0.09
Hip width change, in	1.7	1.8	1.8	2.0	0.05	0.06
Grower						
ADG, lb/d	2.11	2.18	2.22	2.33	0.01	0.05
Feed efficiency, gain/feed	0.320	0.326	0.348	0.330	0.05	0.46
Hip width change, in	1.9	2.0	2.1	2.1	0.03	0.73

- **Improvement of 18% on ADG**
- Increased glucose transporter activity and improved uptake of glucose
- Improves digestion of nutrients by the young calf
- Improved metabolism of ingested nutrients
- Responsible for increased growth and feed efficiency