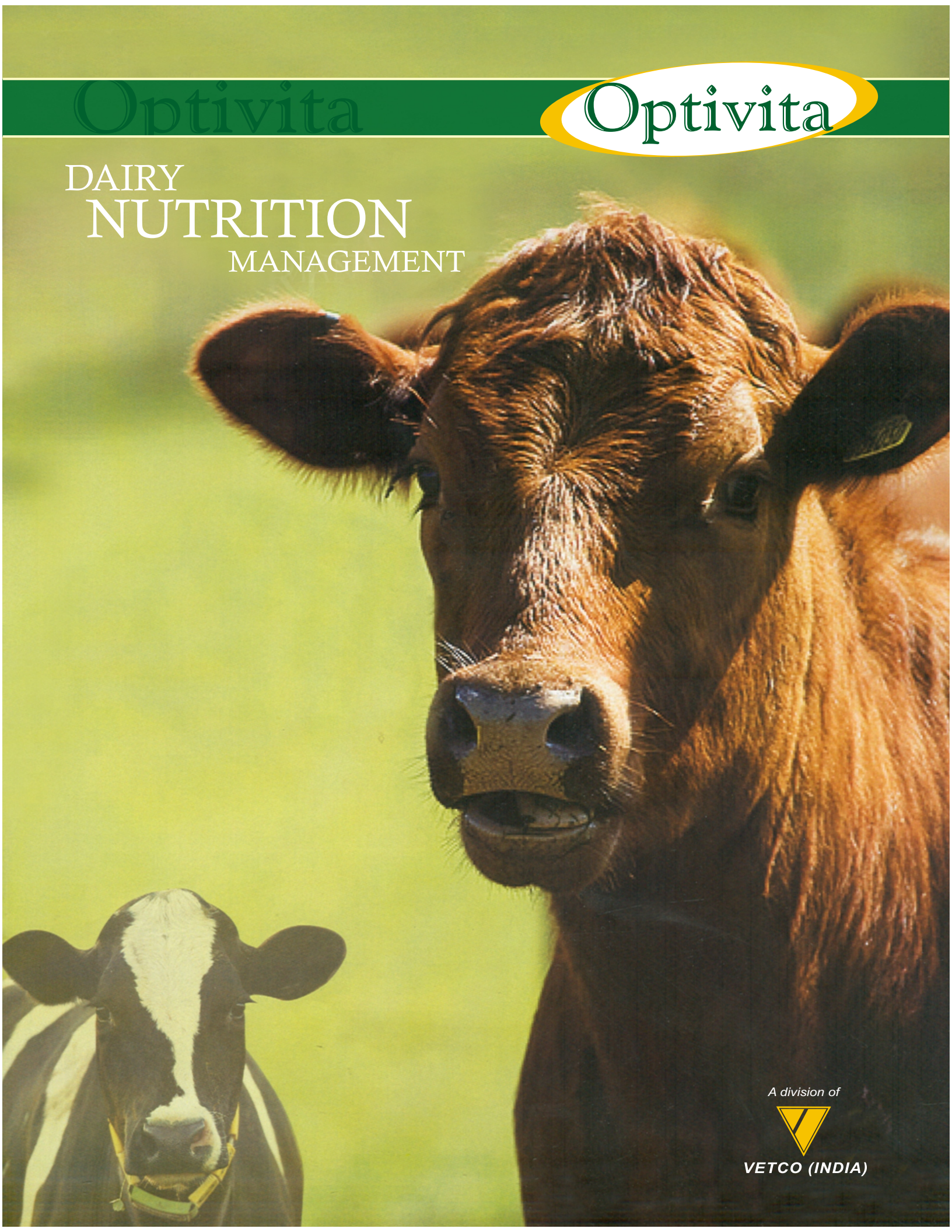
Optivita

Optivita

DAIRY NUTRITION MANAGEMENT



A division of

VETCO (INDIA)

Lifetime Performance

Ova-Care

Getting cattle back to calving is a major objective for all dairy farmers. One of the major problem farmers face today is that the modern dairy cows display less signs of heat. Delayed conception is a drain on profits.

Composition

Omega-3 fatty acids along with vital elemental trace minerals like Copper, Cobalt, Zinc, Managanese, Iron & Iodine along with Essential Vitamins A, D_3 & E for efficient reproduction in dairy cattle.

Ovacare has shown to have a positive effect on reproductive performance by improving follicle quality in the ovary leading to :

- Increased oestrogen around ovulation, resulting in stronger expression of oestrus behaviour
- Increased progesterone levels after fertilization, resulting in better embryo survival

Indications

- Anoestrus
- Sub estrus
- Repeat Breeding
- Infertility associated with nutritional deficiencies

Advantages

- Revitalizes reproductive organs
- Assures quality of oocytes
- Influences follicular growth
- Increases progesterone secreting ability of corpus luteum
- Repairs and strengthens uterine lining for easy implantation

Dosage

25-50 gm daily

Packing

500 gm

Lacto

Optimum Milk Yield

The modern dairy cow is expected to provide high yields of milk & remain healthy. Maximizing milk output & feed efficiency are top priorities for milk producers.

Composition

Each 1Kg contains :

Saccharomyces Cerevisiae 200 x 10^9 C.F.U., Asparagus 32 gms, Leptadaenia 6 gms Seaflora 80 gms, Vitamin A 400000 I.U., Vitamin D_3 80000 I.U., Vitamin B_2 1000mcg Biotin 1250 mcg, Calcium 120gms, Phosphorous 60gms

- Replenishes nutrients that are drained through milk production
- Boosts milk production & helps to maintain it at higher levels
- Recondition udder & improves milk holding capacity
- Stimulates the physiological process of lactation & ensure smooth letting down

Indications

- Hypoglactia
- Aglactia
- Irregular or suppressed lactation
- Milk letting down disturbances

Advantages

- Stimulates Glandular function & helps letting down naturally
- Improves enzymes & hormones secretion necessary for milk production
- Provides relief in summers
- Maximize number of days in lactation

Dosage

50-100 gm daily

Packing

1 kg.

Mastoban

Optimum Udder Nutrition

Clinical & Sub-clinical mastitis causes a major drain in profitability. Mastitis is particularly acute in early lactation when the cattle are producing more milk and are under the greatest physiological stress with their immune system naturally suppressed.

Composition

Each 50 gm contains

Live Yeast culture 100000 Billion C.F.U., Lacto bacillus 200 Million C.F.U., Tri Sodium Citrate 25 gm Copper 1.2gm, Coball 50 mg, Zinc 500 mg, Manganese 4 gm, Selenium 4 mg, Vitamin A 50000 I.U. Vitamin $D_3$10000I.U., Vitamin E 1000I.U., Vitamin K 10 mg, Vitamin B_1 200 mg, Vitamin B_2 200 mg Pantothenic Acid 50 mg, Biotin 20 mg, Niacin 2 gm, D.L. Methionine 5 gm, Lysine 2 gm, Aloe Vera 200 mg, Asparagus 200 mg, Leptadaenia 200 mg, Azadirachta Indica 400 mg, Ocimum Sanctum 200 mg

Normalizes the pH from alkaline to neutral i.e. 7 to 6.5

Prevents the damage of mammary epithelium & subsequent leakage of blood bicarbonates

Synthesis keratin which lines the inside the teat canal & improves its structural integrity

Reduces the duration of mastitis in infected cows

Indications

- Sub-clinical mastitis
- Adjunct to antibiotic therapy in clinical mastitis
- Post-antibiotic treatment to initiate milk production

Advantages

- Corrects pH of the milk
- Reduces the incidence of mammary infections
- Improves the facilitation of white blood cells, the front line in fighting infections
- Reduces somatic cell count
- Improves immune response

Dosage

Dissolve 50 gm powder in 250ml water or mix with jaggery for single administration for 3-4 consecutive days

Packing

50 gm.

Rumax

Optimum Rumen Functioning

Modern dairy intensive production system involves a high level of concentrate to fulfill the energy needed by the lactating animals in order to maximize milk production. Such a feeding regimen & diet predispose animal rumen to dysfunction.

Composition

Each 125 gm contains :

Calcium Propionate 60 gm, Methionine 5 gm, Cobalt Gluconate 40 mg, Vitamin B_6 40 mg, Picrorhiza Dry Extract 250 mg, Dextrose Anhydrous 53.5 gm.

- Proven & cost effective way to maximize the rumen performance
- Restore rumen motility in force & frequency
- Normalize micro-flora & prevents hypo-glycaemic conditions
- Lowers lactic acid build up thus overcomes acidosis & indigestion

Indications

- Non-specific Anorexia
- Chronic Indigestion
- Prolonged inappetance
- Hypo-gylcaemic conditions

Advantages

- Stimulates micro-flora activity and improves appetite
- Corrects ruminal atony
- Takes care of the dietry-change effects
- Reduces incidences of metabolic disorders

Dosage

Adult Cattle : 125 gms at 12 hr. interval
Young Cattle : 1/2 pouch once or twice daily

Packing

125 gm.

YEA-ZYME

Yeast with Enzyme Complex

Direct-fed microbial's (DFM), have received considerable attention due to their ability to manipulate rumen fermentation. Millions of bacteria and protozoa inhabit the rumen. In rumen, bacteria degrades the cellulose and convert them into fatty acids. Bacterial fall prey to the protozoa which besides digesting starch perform the task of converting plant protein into animal protein.

Composition

A proprietary blend of rumen specific yeast culture with enzymes

Enzyme Activity every 200 gms - Cellulase 50000 units, Xylanase 75000 units Glucanase 25000 units, Mannanase 25000 units, Pectinase 15000 units α & β Galactosidase 25000 units, Lignase 25000 units, Phytase 55000 units

- Complex fermented products containing the metabolites from yeast fermentation
- Stimulates rumen friendly bacterial population
- Increases fiber digestibility
- Improves volatile fatty acids

Enzymes

- Selection of cost effective ingredients depending upon seasonal availability.
- Increases nutritive value of cereals & legumes.
- Better utilization of feed.
- Reduced production cost.

Yeast

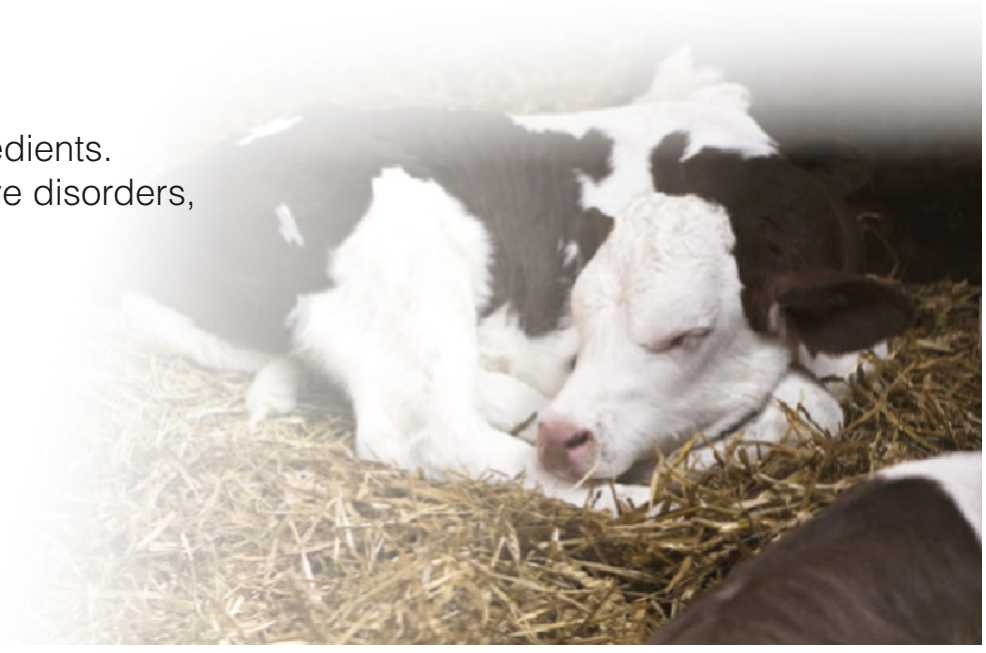
- Better fiber digestion
- Improved utilization of feed ingredients.
- Healthy rumen, reduced digestive disorders,
- Larger productive life.

Dosage

10-20 gm daily or
100-200 gms per 100 kg of feed

Packing

200 gms, 1 kg. and 25 kg.



REPROCARE

Optimum Lactation Performance

Many studies have revealed that pre-calving transition period, marked reductions in the blood concentration of all fat soluble antioxidant vitamins. Failure to maintain adequate levels of these essential nutrients can significantly impair the immune function of the animal at the start of lactation.

Composition

Reprocare is composed of organic form of Copper, Cobalt, Zinc, Calcium, Vitamin A, D_3, E & Biotin along with long chain fatty acids.

- Supplies significant levels of essential vitamins & minerals
- Improves tonicity of udder alveoli
- Improves colostrum quality resulting in better calf health
- Increases duration of peak lactation

Indications

- Complications associated with pregnancy
- Suppressed lactation after parturition
- Incidences of metabolic disorders post parturition

Advantages

- Meets higher energy requirement which in turn reflects in easy parturition
- Initiation of lactation
- Restore strength, vigor & vitality during convalescence

Dosage

Pre-parturition 50-100 gm daily for 10-15 days
Post-parturition 100 gm daily for 15-20 days

Packing

100 gm. & 1 kg.

Optimum Performance & Profits

Chelated Bovimax

For dairy cattle that successfully combines high milk production with longevity & optimum performance. Bovimax delivers specific nutrients to precise targets such as the rumen, the liver, the immune system, reproductive organs & hoof horn.

Composition

Each 1 kg contains

Saccharomyces Cerevisiae 15000x10^9 C.F.U., Calcium 280 gm, Phosphorous 120 gm Copper 1000 mg, Cobalt 200 mg, Iron 6000 mg, Iodine 1000 mg, Zinc 2000 mg Manganese 1200 mg, Selenium 10 mg, Vitamin A 700000 I.U., Vitamin D_3 140000 I.U. Vitamin E 250 mg, Nicotinamide 1000 mg, Bye Pass Fat 100 gm, Bye Pass Protein 200 gm

- Better herd health
- Fewer disease associated losses
- Better profitability
- Improves locomotion score

Indications

- Post antibiotic therapy
- Stunted growth
- Lactation stress

Advantages

- Normal physiological function
- Reduces metabolic disorders
- Maintains milk production
- Enhances bone mineralization

Dosage

50 gm daily or
As feed additive 0.5-2.0%

Packing

1 kg., 5 kg, 25 kg

CALSIP DRY

True Calcium Supplement

Early lactation is regarded as one of the most challenging elements of the production cycle. A larger water volume replaces the volume & weight loss when the calf, the fluids & membranes are gone at calving that dehydrates the cattle. Supplying both additional energy and calcium during the post parturient period will benefit cattle. Dietary glucogenic precursor improves the metabolic status.

Composition

Each 100 gm contains

Tri Basic Calcium Phosphate 10 gm, Calcium Propionate 12.5 gm, Vitamin A 80000 I.U. Vitamin D_3 16000 I.U., Vitamin B_{12} 100 mcg, Vitamin E 100 I.U., Yeast 100 Billion C.F.U.

- Provides a rapid source of absorbable calcium
- Propionate fraction is converted to blood glucose
- Boost milk production
- Faster growth of young stock

Indications

- Heat Stress
- Low Milk Production
- Debility & weakness
- Calcium deficiency

Advantages

- Increases Blood glucose level, making impact on milk production
- Provides relief from heat stress
- Prevents Hypo-calcaemia
- Assures full calcium & phosphorous utilization
- Improves neuromuscular activity

Dosage

50-100 gm daily

Packing

500 gm & 5 kg.

HPF

High Performance Factor

High production dairy cattle have specific nutritional demands dependent on closeness to freshening. Cows that receive the correct balance of nutrients are better able to handle the stress of early lactation. HPF delivers the right nutrients in the right balance at the right time for the right results.

Composition

Each 100 gm contains

Live Yeast Culture 100 Billion C.F.U., Fat 30 gm, Protein 20 gm, Phytonutrients Q.S.

- Provides rich source of energy and essential fatty acids
- Make up requirements of all essential amino acids
- Optimal ruminal digestion and proper digestibility
- Enhances immune system and plays a role in preventing diseases

Indications

- Stress due to diseases
- Low milk Production
- Debility & weakness

Advantages

- Improves potential capacity of dairy animals for higher milk yield
- High milk fat & optimum milk production
- Longer milking period
- Improves SNF

Dosage

100-200 gm daily or
1-2% in feed or as recommended by the veterinarian

Packing

10 kg. & 25 kg.

DELITE-FS

Energize your Livestock

The intense heat of the summer months can take its toll on the livestock of any farming operation. Ruminants, in particular, are sensitive to the elevated temperatures and high humidity levels associated with the summer season, increases the incidence of lameness, disease associated with compromised immunity, reproductive problems are reduced milk yields, if left unchecked, effects animal health & welfare.

Composition

Each 100 gm contains

Betaine 30 mg, Sod. Chloride 800 mg, Pot. Chloride 5000 mg, Sod. Bicarbonate 3000 mg, Sod. Acid Phosphate 800 mg, Sod. Citrate 6500 mg, Cal. Lactate 1000 mg, Mag. Sulphate 1000 mg, Vitamin C 2000 mg, Niacinamide 3150 mg, Probiotics 1500 billion C.F.U.

Osmolyte protecting against osmotic stress	Reduces energy requirements	Normal functioning of cells and organs	Maintains acid base equilibrium

Indications

- Dehydration & Heat Stroke
- Diarrhoea & Dysentry
- Osmotic Imbalance
- Acid Base Imbalance

Advantages

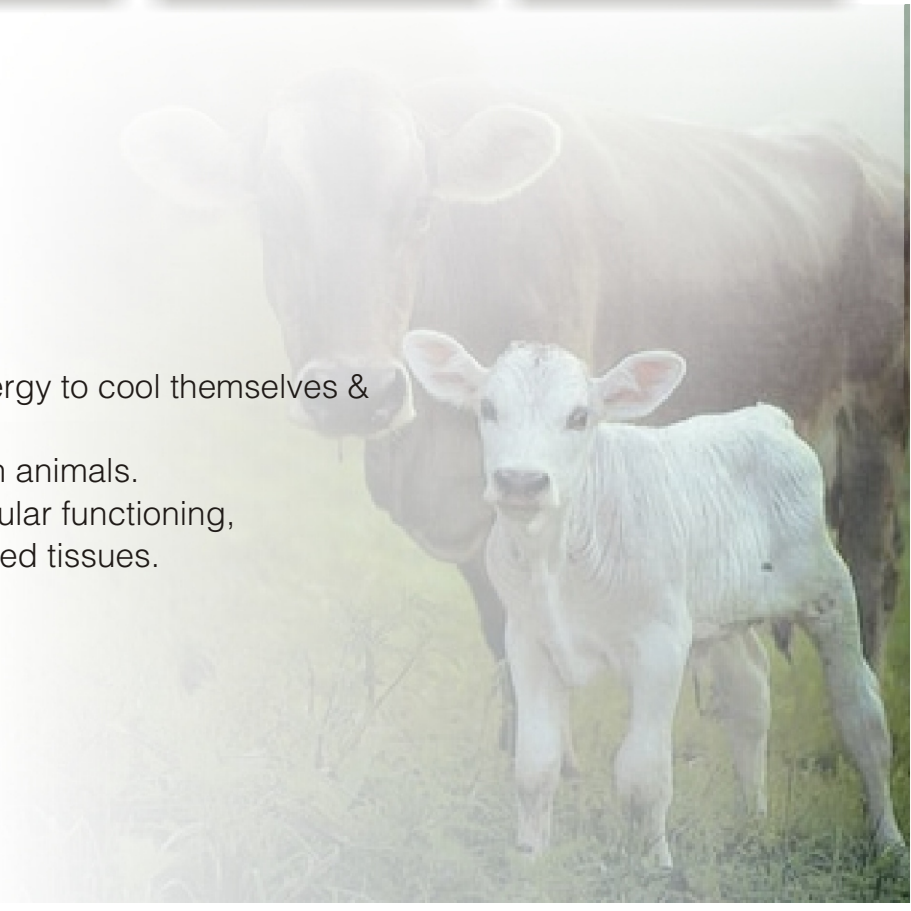
- Betaine helps livestock to use less energy to cool themselves & have more energy for production.
- Improves feed intake and milk yields in animals.
- Electrolytes regulate nerves and muscular functioning, blood pH and the rebuilding of damaged tissues.

Dosage

10-20 gm daily or
100-200 gms per 100 kg of feed

Packing

100 gms, 1 Kg. & 25 Kg.



Essential Vitamin Nutrition

FeedEx

Feedex is specifically developed to provide optimum nutrition for Livestock during their entire productive life through feeds. This includes optimum levels that meet the vitamin needs for health and productivity in real time situation. Feedex ensures the demands of vitamins, growing due to enhanced genetic potential, conventional premixes do not meet these requirements.

Composition

Each 250 gm contains : Vitamin A 12500000 IU, Vitamin D_3 2500000 IU, Vitamin K 1000 IU Vitamin B_{12} 25000 mcg, Vitamin E 50000 mg, Niacin 12000 mg, Biotin 10000 mcg

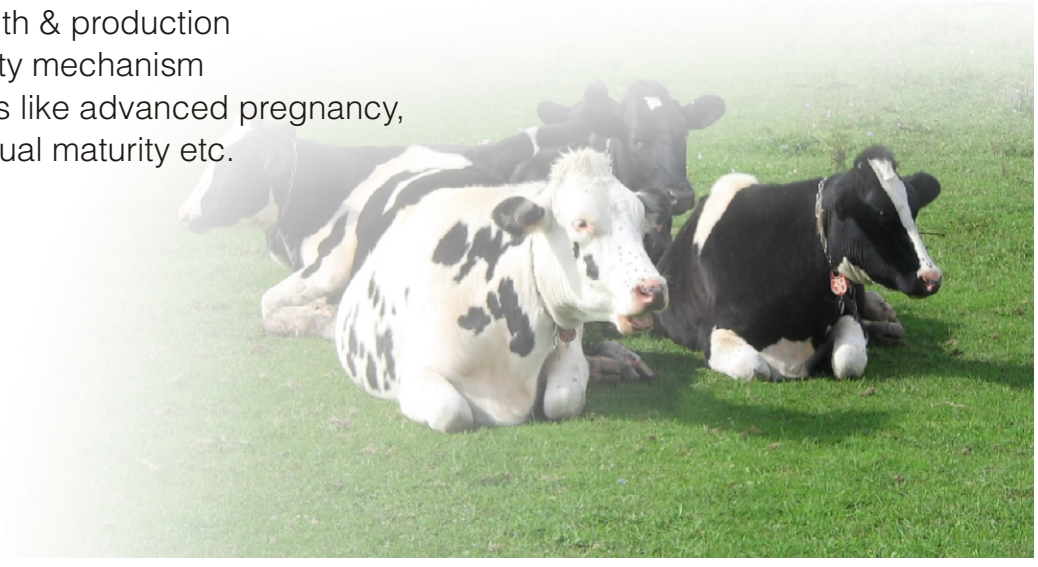
- Boost Imune Functions
- Homogenous Mixture
- Improves Coat Condition
- Better herd health

Indications

- Post disease exposure
- Stunted growth
- On set of stressful conditions

Advantages

- Helps to normal physiological function
- Helps to maintain normal health & production
- Elevate the protective immunity mechanism
- Most suitable in the conditions like advanced pregnancy, repeat breeding, delayed sexual maturity etc.



Dosage

25 gm per 100 kg of feed
or As directed by Consultant

Packing

1 kg.

Protomin BS

Essential Mineral Nutrition

Future herd success depends on the quality of dairy replacement heifers entering the herd. Proper trace mineral nutrition during this critical period plays a key role in important dairy replacement heifer development factors such as feed efficiency, claw integrity and immune function. Protomin helps to build the foundation for long-term herd health and performance.

Composition

Each 300 gm contains : Organic Copper 4.2 gm, Organic Cobalt 200 mg, Organic Zinc 9.6 gm, Organic Manganese 1.5 gm, Iodine 1.0 gm, Iron 6.0 gm Magnesium 50.0 gm

- Improved Mineral Retention
- Homogenous Mixture
- Corrects Deficiences
- Better herd health

Indications

- Stunted growth
- Micro mineral deficiencies
- Long disease exposure

Advantages

- Delivers specific nutrients
- Reduces inter-calving period
- Reduces lamness
- Improved skeletal and muscle growth/development

Dosage

300 gm per 100 kg of feed
or As directed by Consultant

Packing

24 kg.

Tool to Control Pathogens

Protech-BS

Farmers have a long history of supplementing the forage-based diet for cattle with concentrates. Farmers develop diets for their livestock largely according to custom and practice. The performance of ruminant animals relies on a combination of efficient use of grass and grass products, good livestock management and appropriate use of complementary concentrated feed. The diets offered to the animal depends on its age.

Composition

A proprietary blend of Probiotics, Yeast, M.O.S., Biotin and Vitamin E

Probiotics

- Lactobacillus Acidilophillus
- Lactobacillus Sporogenes
- Bacillius Subtillis
- Saccharomyces Cerevisiae

Mono-Oligo Saccharide

Fermented product of yeast which contains various metabolites & betaglucans which act as toxin binder, pathogen binder & immunomodulators.

Drastically reduces the Salmonella and E.coli load in the intestine	Improves intestinal health and prevents diarrhoea	Improvement of daily growth and FCR	Improves Performance

Indications

- Post antibiotic therapy
- Stunted growth
- Microbial disturbances
- Lower productivity

Advantages

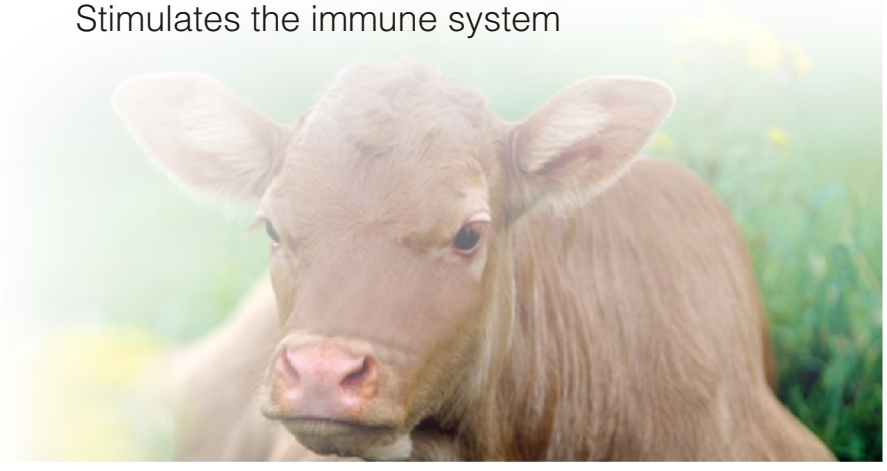
Helps to normal physiological function
Helps to maintain normal health & production
Gut bio-regulation and competitive exclusion
Stimulates the immune system

Dosage

5-10 gm per animal per day or
500 gm per ton of feed regularly

Packing

100 gm, 1 kg. & 25 kg.



Xtralive

Improves Liver Functioning

The Liver is a vital organ. It has a wide range of functions, including glycogen storage, decomposition of red blood cells, plasma protein synthesis, hormone production, detoxification & production of biochemicals necessary for digestion.

Composition

Each 30 ml contains

Ferrous Gluconate 200 mg, Ferric Ammonium Citrate 83.5 mg, Calcium Lactate 300 mg M.H.A. 1500 mg, Thiamine Hydrochloride 5 mg, Riboflavine 5 mg, Nicotinic Acid 20 mg, Nicotinamide 45 mg, Vitamin B12 60 mcg, LiverFraction-2 150mg
(Derived from 3.75 gm of Fresh Liver)

- Regulate Hepatic Microsomal Enzymnes
- Increase Haemoglobin Production
- Restore Ruminal Activity
- Fewer disease associated losses

Indications

- Anorexia & Anaemia
- Depressed Liver Activity or Aflatoxicosis
- Stunned Growth
- Post Antibiotic therapy

Advantages

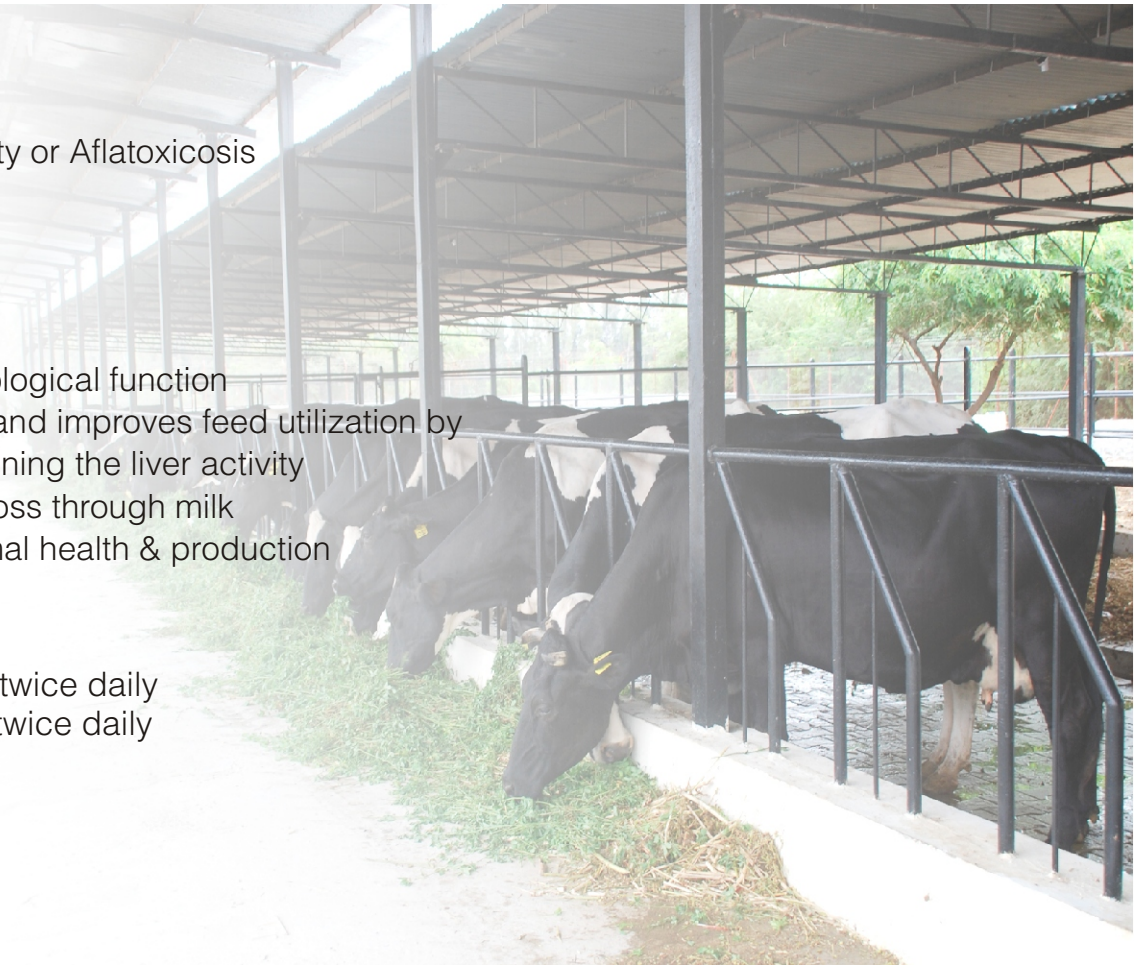
- Helps to normal physiological function
- Prevents aflatoxicosis and improves feed utilization by stimulating & strengthening the liver activity
- Replenishes Calcium loss through milk
- Helps to maintain normal health & production

Dosage

Large Animals : 50 ml twice daily
Small Animals : 25 ml twice daily

Packing

500 ml, 1 Ltr. & 5 Ltr.



Vetco is paving the way of success as it has a vision and courage to its conviction.

WE
One of the fastest growing company in animal nutrition, knowledge-based, technology-oriented, R&D-driven Animal health care company.

VISION
Continuously strive to be a successful pharmaceutical organization in the research, innovation, development, manufacture and marketing of safe, effective & affordable quality medicines & feed supplements for a better quality of life.

A Division of

VETCO (INDIA) PVT. LTD.

ANIMAL NUTRITIONS

An ISO 9001 : 2008 Co.

Website : www.vetcoindia.com