



Farm Hygiene Products & Feed Additives



İNTERMAK

Established in Konya city, since 1990, Intermak has been serving as a manufacturer in the dairy and food machinery sector. Under the BF-Best Food concept, we operate with innovative production understanding based on service to people and the environment in all the stages from the farm to table . Our activities can be divided into four groups:

- 1- **MILKOL:** Manufacturing equipments for the dairy and food industry, especially for the milk processing plants and farms. Milking machines, Milk cooling tanks, Milk transportation and storage tank, Milk processing equipments, Pasteurizers and equipments for yoghurt and cheese. We are also manufacturing turnkey Jam, candy, molasses, ice cream plants.
- 2- **PROVITA , SUPER MAYA:** Under this brand we have been producing additives like Cheese rennet, stabilizer, emulgator and starter cultures.
- 3- **INTEM:** Under the INTEM brand we produce Industrial hygiene materials for the dairy farms and industries and for food industries etc...

We are also selecting, purchasing the products which are not in our production range and supplying at a good quality.

İNTERMAK has 2 factories with 8.000 m² closed area. Our youngs educated cadres, ensure the Research and developements works , follow the technological evolution in the world and offer to our customers the most modern technology in the dairy and Food industry sector . Our Unchangeable principle, since 1990, is "maximum customer satisfaction". In our strong marketing department , one representative is assigned to each customer. Since 1990 we have been exporting to more than 20 countries.

For years, our slogan is "**Your partner in the Milk and Food Sector**". With this principle we provide maximum customer satisfaction through our after sales service.



THE PROVIDON-IDIINE BASED TEAT DIP TO PROTECTS & MOISTURIZES THE TEATS AFTER MILKING

VIFILM 50 is a ready-to-use film-forming Providone iodine solution.

ADVANTAGES

- VIFILM 50 is a Providon Iodine based solution for disinfecting and protecting the teats of dairy cows after milking.
- Used, VIFILM 50 coats and creates a protective shielding polymer film around the teat, closing the teat access channel and thus, protecting the cow against intrusion of microorganisms or bacterias which are the main cause of mastitis.
- The product shows its effect immediately after application.
- Povidone Iodine generally causes cracks and redness on teat, in long-term use. However the allantoin and coconut oil contained in VIFILM 50 prevents Chaps rashes and skin irritation and has a healing effect.

These two substances [allantoin and coconut oil] are the main raw materials used in cosmetic creams.

- In addition, thanks to the glycerin it contains, it moisturizes the teats and allows the animal to be comfortable by preventing the stress.
- Applied it has an effect to protect the teat till the next milking session.
- VIFILM 50 can be easily used by anyone.
- It is easily cleanable before milking session.
- Thanks to its viscosity and quality, the consumption of VIFILM 50 is low so very economical for the farmer]

USAGE

VIFILM50 should be applied directly with a dip cup.

Appearance	Clear , High Viscous, Reddish Brown
Odour	Odorless
Ph(%1)	6 – 6,5
Solubility In Water	Miscible
Density (G/ML)	0,98 – 1,01
Contents	Providone Iodine, Glycerine, Xanthan, Film Forming Agent



THE PROVIDON-IODINE BASED FOAMY SOLUTION TO CLEAN AND REMOVE THE TEAT DIP FILMS BEFOR MILKING.

VIFOAM 60 is a ready-to-use Providone iodine based foamy solution, used befor any milking session, to clean and remove the film formed around the dairy cow thanks to application of the teat dip.

ADVANTAGES

- Thanks to its excellent wetting and covering properties,VIFOAM60 reaches every part of the teat.
- Provides economical cleaning.
- After application no drip, thus avoiding the way to any form of waste.
- VIFOM 60 contributes to the increase of milk production.
- VIFOM 60 can be used safely in biological breeding.
- VIFOM 60 softens the breast, protects the breast skin and heals irritations thanks to the allantoin and glycerin it contains.

- VIFOM 60 facilitates the rapid flow of milk during milking sessions.
- VIFOM60 leaves no residue in the milk.

USAGE

- VIFOM 60 is used directly and does not require dilution.
- Use a dip cup to apply it.
- Pour VIFOM 60 in the dip cup.
- The dip cup is pressed several times to create foam. After the foam has been formed, the cow's teat is immersed in this foam.
- Wait 10 seconds and thoroughly clean the foam with a disposable paper towel.

Appearance	Clear Reddish Liquid
Odour	Odorless
Ph(%1)	6 - 6,5
Solubility In Water	Miscible
Density (G/ML)	0,98 - 1,01
Contents	Providone Iodine, Glycerine



LACTIC ACID AND BENZYL ALCOHOL BASED TEAT DIP TO PROTECTS & MOISTURIZES THE TEATS AFTER MILKING

VJEL10 is a ready-to-use lactic acid and benzyl alcohol based film forming solution.

ADVANTAGES

- Thanks to the optimum thickness of its film VJEL 10 is easier to clean and remove.
- It is therefore economical and allows to save time and money
- When used regularly, it prevents the formation of mastitis.
- It is a product without debris, and with a minimum of runoff.
- The allantoin and coconut oil contained in VJEL 10 prevents Chaps rashes and skin irritation and has a healing effect
- Thanks to the glycerin it contains, VJEL 10 moisturizes the teats and allows the animal to be comfortable by preventing the stress.

USAGE

- VJEL 10 is used directly and does not require dilution.
- Use a dip cup to apply it
- VJEL 10 wraps around the teats in a green colored film and protects them until the next milking.
- It is easily cleanable before milking.

Appearance	Clear , High Viscous, Green Liquid
Odour	Odorless
Ph(%1)	4 - 7
Solub. In Water	Miscible
Density (G/ML)	0,98 - 1,1
Contents	Lactic Acid, Benzyl Alcohol, Xanthan, Polyvinyl Alcohol, Glycerine



PAK-20 PLUS

Alkaline C.i.p Cleaning For Milking Systems



PAK - 20 PLUS IS AN ACTIVE-CHLORINE SANITIZING DETERGENT.

PAK-20 PLUS is particularly suitable for fixed and robot milking systems, milking machines, pipes, milk storage tanks, milk cooling tanks and CIP cleanings

APPLICATION

PAK-20 PLUS is a mixture of alkaline and salts, inorganic sequestrant and a stabilised active-chlorine, a sanitizer to the removal of organic residues.

ADVANTAGES

- PAK-20 PLUS is an alkaline product and so able to remove organic residues
- Using rate is 1% and contains 400 ppm of active-chlorine guaranteeing a high level of hygiene
- Thanks to the sequestrant agent contained in PAK-20 PLUS, the product can be also used with hard waters.
- PAK-20 PLUS solutions are not foamy; therefore are easily rinsable and do not

leave residues on surfaces

- PAK-20 PLUS is used in milk and dairy industry for re-cycle sanitizing treatments of tanks, silos, pipes and all other cold surfaces

USAGE

- PAK-20 PLUS is applied at a concentration of 1-2% at 30-40 ° C for 10-15 minutes, depending on the hardness of the water used.
- First of all, the system or machine should be pre-rinsed with warm water for 10 minutes.
- Then PAK-20 PLUS is passed through CIP system prepared in 1-2% concentration for 15 minutes.
- Finally, after treatment with PAK-20 PLUS, the CIP system is rinsed for at least 10 minutes.
- Acidic cleaning should be done twice a week in machines where very hard water is used.

Appearance	Limpid Liquid, No Colour,
Odour	Smell Of Chlorine
Ph(%1)	12,5
Active-Chlorine	%4
Contents	Alkaline Salts, Chlorine Donor, Inorganic Sequestrant
Packege	1 Liter, 5 Liters, 21 Liters



INTCIP-A 120

Acidic C.I.P Cleaning



INTCIP-A 120 IS A STRONG NON FOAMY DESCALING ACID

INTCIP-A 120 is a special formulation based on a mixture of active acids suitable for re-cycle washings, removing inorganic contamination, particularly suitable to milking process machines, milk cooling tanks and storage tanks, etc.

ADVANTAGES

- The high concentration and the active acids present in its formula, makes INTCIP-A 120 extremely effective and quick in removing milk stones, calcareous, ferrous encrustations, and all other organic residues.
- INTCIP-A 120 is also used in all hand washings of machines and dip tools used in milk and cheese industries, wearing proper individual protective systems
- INTCIP-A 120 solutions are not foamy, (neither in re-cycle treatments);
- INTCIP-A 120 is a specific product for the cleaning of milking process machines
- INTCIP-A 120 solutions are easy to rinse and do not leave any residue on surfaces

USAGE

- INTCIP A-120 is applied at a concentration of 1-2% between 40-50 ° C, depending on the plant conditions and the hardness of the water.
- First of all, the system should be pre-rinsed with warm water for 10 minutes.
- The INTCIP-A-120 prepared at a concentration of 1-2% is passed through the CIP system for 15 minutes.
- Finally, the system is rinsed for at least 10 minutes after treatment with INTCIP-A-120.

Appearance	Limpid Liquid, Colorless
Odour	Odorless
Ph(%1)	1,5
Contents	Mixture Of Inorganic Acids
Package	1 Liter, 5 Liters, 21 Liters
Package	1 Liter, 5 Liters, 21 Liters



INTCIP ALK-130

High Alkaline C.I.P Cleaning Detergent



| INTCIP ALK-130 IS A HIGH ALKALINE CIP CLEANING AGENT.

It is a strong alkaline non-foaming liquid cleaning product used in the cleaning of tanks, pasteurizers and pipes in the food and beverage industry (close system).

ADVANTAGES

- Thanks to the sodium hydroxyde and potassium hydroxyde contained in INTCIP ALK-130, it cleans the dirt and residues from the oil and protein in the systems very well and
- It can be used for CIP cleaning in one step. It saves energy and time.
- It does not lose its effectiveness in hard water.

USAGE

- Depending on the hardness of the water, it is used at a concentration of 1-1.5% for cold surfaces (tanks, pipes, etc.), and 1.5-3% for hot surfaces (pasteurizer, etc.).
- Washing temperature is generally 50-60 C°, 75-85 C° for pasteurizers.



INTFOM-ALC 210

Foamy Cleaning Solution Containing Alkaline Materials And Active Chlorine



INTFOM ALC-210 is a Foamy Cleaning solution Containing Alkaline Materials and active Chlorine.

APPLICATION

INTFOM-ALC 210 is a foamy detergent suitable for sanitization processes of surface dairy, food and beverage industries

ADVANTAGES

- INTFOM-ALC 210 is an alkaline, so suitable to remove all kinds of organic dirty
- Thanks to the presence of high level of chlorine, besides to the capacity of removing protein substances and a stabilising action, INTFOM-ALC 210 allows the best cleaning effect and a further disinfecting process
- INTFOM-ALC 210 is Easy to use, the product requires a reduced work time and ensures a great level of clean and hygiene

on all surfaces of dairy, food and beverage industries.

USAGE

INTFOM-ALC 210 is used in foamy sanitizing processes, according to the following instructions:

1. Rinse surfaces to clean in order to remove rough dirty
2. Apply INTFOM-ALC 210 using a pressure machine/systeme. Advised dosage is 2-5% at a temperature of 40-50°C
3. Leave act the foam for at least 10-15 minutes and then rinse carefully with water in order to remove every trace of dirty and detergent

INTFOM-ALC 210 The product can be applied manually with a brush at a Concentration of 3-5% in hot water (30-40°C), wearing proper individual protective means.

Appearance	limpid liquid, light yellow
Odour	smell of chlorine
Ph(%1)	12,5
Active-chlorine	%3,5
Contents	alkaline salts, chlorine donor, non ionic surfactants, sequestrant compounds
Package	1 liter, 5 liters, 21 liters



INTFOM-DIS 260

Foamy Disinfectant Agent Based On An Association Of Alkylamines And Quaternary Ammonium



INTFOM-DIS 260 Disinfectant agent based on an association of alkylamines and quaternary ammonium

APPLICATION

- INTFOM-DIS 260 is a highly performing disinfectant agent with broad spectrum of action, to be used in all those treatments of the open surfaces in the food and beverage industries and in the zootechny line.
- It has a fast and wide range of action against microorganisms and is an effective disinfectant against gram-positive and gram-negative bacteria, fungi and viruses.

ADVANTAGES

- INTFOM-DIS 260 at the recommended dosage presents a pH of 10 , so develops a cleansing and surfactant activity
- INTFOM-DIS 260 contains sequestering agents in such concentration as to guarantee that the disinfectant action is not influenced by the hardness of the water
- INTFOM-DIS 260 is especially employed in the internal and external disinfectant treatments of the refrigerated trucks used in the transportation of the dairy and food products, the beverage animals alive

USAGE

- The area to be disinfected must be cleaned before the INTFOM-DIS 260 is applied.
- INTFOM-DIS 260 is generally applied by spraying on surfaces at 1-2% concentration for 10-15 minutes at room temperature.
- The surfaces cleaned should be rinsed with plenty of water after.
- The product can also be applied manually.



| CLODIS IS A SOLUTION OF CHLORINE.

Chlorine dioxide is an oxidant substance that has a strong effect against bacteria and viruses.

ADVANTAGES

- CLODIS is a single product, no multiple chemicals are used.
- Specially trained personnel are not required for the use of the product. CLODIS prevents organic contamination.
- Suspended solid does not occur.
- CLODIS has no adverse effect on animals and animal foods.
- It does not require a pressure and can be used directly from the packaging.
- Since there is no equipment maintenance, there is no production interruption due to the reasons arising from malfunctions.
- Since it is not in gas form, CLODIS does not pose a danger of poisoning.
- CLODIS is not affected by the pH value of the water.
- CLODIS is non-corrosive and dissolves faster in water compared to other disinfectants.
- Cow udder dezenfection : 1 kg of water 5 g of CLODIS.
- Open Area and Surfaces. : 100 kg of water 10gr of CLODIS.
- Hand Disinfection: in 100 kg of water 0.1-0.3 gr CLODIS.

USAGE

- CHIP : In 100 kg of water 2-2.5 g CLODIS.
- Animal Drinking Water; In 100 kg of water 0.1gr of CLODIS.



ORGANIC ADDITIVE RUMEN MODULATOR

The rumen environment has an essential role in ruminant feeding. When the rumen moves away from its normal physiological balance, the digestion of nutrients is adversely affected. Highly acidic feeds such as silage or use of concentrated feeds rich in starch are the most important factors that reduce rumen pH.

HOW TO PROVIDE OPTIMAL RUMEN ENVIRONMENT?

The physiological pH range in the rumen is considered to be 5.80-6.40. Under normal conditions, this microbial population balance criteria is determined by:

- 4) Volatile Fatty Acids (VFA) formed by the fermentation of carbohydrate sources in the diet.
- 5) Absorption of VFA by rumen epithelial tissue and separation from rumen,
- 6) Transfer of endogenous tampons produced by the animal into the rumen..

If feeding cannot be made in a balanced way in terms of roughage / concentrate ratio, sudden changes occur in rumen pH balance, formation and absorption of VFAs. As the pH of the rumen falls below 5,5, lactic acid begins to accumulate in the rumen and the formation of VFAs is negatively affected. This is followed by acidosis

Fermentation model for rumen pH and rumen environment model

VITALIC BUFFER PLUS contains a highly effective buffering agent called Lithothamnium calcareum, which is the calcified skeletal residue of marine algae. With its honeycomb-shaped porous structure and large surface area, it gradually breaks down in the rumen and keeps the rumen pH in balance for a longer period of time.

It contains highly bioavailable minerals such as calcium and magnesium. As seen in the table

below, Lithothamnium is a very effective mineral resource.

Mineral	Quantity	Mineral	Quantity
Ash	950 g/kg	Iode	160 mg/kg
Calcium	300 g/kg	Flour	120 mg/kg
Magnesium	55 g/kg	Zinc	25 g/kg
Sodium	15 g/kg	Copper	16 mg/kg
Sulfur	5 g/kg	Bor	9.5 mg/kg
Iron	1825 mg/kg	Cobalt	4 mg/kg
Potassium	650 mg/kg	Mobdem	2.25 mg/kg
Phosphorus	575 mg/kg	Selenium	1 mg/kg

Celtic Sea Minerals, Cork, Ireland)

BENEFITS

- Helps maintain a certain level of hydrogen ion concentration in rumen and body fluids.
- Helps ruminal adaptation in ruminant animals.
- Reduces the risk of ruminal acidosis.
- Supports ruminal fermentation by maintaining optimum rumen pH.
- Contains saccharomyces cerevisiae live yeast strain; Remains alive for a long time in the rumen, improving fermentation. Increases digestibility of roughage by activating cellulotic bacteria.
- Reduces the risk of acidosis, especially in high-yielding dairy cows.
- Provides high buffering capacity with large surface area of marine algae. It breaks down more slowly and keeps the rumen pH in balance for a long time.
- Contains minerals with high bioavailability.

HOW TO USE:

Animal Species	Dosage
Dairy Cattle	100-150 gr / day
Basi Cattle	50-100 gr / day
Calf	5-10 gr / day
Sheep and Goat	5-10 gr / day

Supplied with TMR or concentrate

VITALIC BUFFER

Rumen Modulator



RUMEN MODULATOR

VITALIC BUFFER is used in ruminant animals to prevent decreases in rumen pH that occur as a result of nutritional disorder.

BENEFITS

- It protects Rumen.
- It is effective against heat stress.
- Increases dry matter consumption.
- It increases milk yield and quality.

HOW TO USE:

1 Ton of Feed	10 kg	Calf	25-40 gr
1 Bag of Feed	500 gr	Sheep	20-30 gr
Meat Cows	100-150 gr	Lamb	10-15 gr
Dairy Cows	150-200 gr		

Used by mixing with the daily feed of animals

CONTENTS

Identification Number	Active matters	Additive Name	Level in the premix [mg / Kg]
Elements			
11.2.1.	Magnesium Oxide	Magnesium Oxide	400.000
Carriers			
11.4.2	Sodium bicarbonate	Sodium bicarbonate	600.000



SUPPORTED
BY A LIVING
FERMENTA-
TION STRAIN



VITALIC FEET

Feed Premix For Feet And Hooves Health



| A FEED PREMIX FOR SUSTAINABLE FEET AND HOOVES HEALTH.

It is used as a protective and supportive for ruminant animals, which provides high bioavailability of Silicium, Organic iodine, Zinc and Biotin support, against acidosis due to excessive and intense feed consumption; laminitis, hoof rot and softening caused by wet ground and weak hoof cases of unknown cause.

PRODUCT FEATURES

It is used as a protective and supportive against:

- ACIDOSIS which is developed due to excessive and intense feed consumption in ruminant.
- LAMINITY which may occur together with it, HOOVE DECAY and SOFTENING due to wet ground,
- WEAK HOOVES CASES of unknown cause.

TECHNICAL SPECIFICATIONS

- Increases epithelial tissue integrity.
- The Zinc-amino acid chelate contained in its improve hooves quality, accelerates the healing process of damaged hoof and increases milk yield.
- Helps prevent acute laminitis caused by rumen acidosis, thanks to its special buffering system.
- Biotin not only strengthens the epithelial tissue and provides keratinization, but also increases milk yield and improves fertility.
- The highly bioavailable silicic acid contained in the VITALIC FEET strengthens the bones, muscle tissue, skin, feathers and hooves.
- Strengthens the bones, muscle tissue, skin, feathers and hooves. It supports the immune system and healthy connective tissue formation. It speeds up the wound healing process.
- Ethylene diamine dihydro iodide [EDDI] in the product is effective in preventing hoof rot in cattle. The Elimination of iodine deficiency ensures sufficient release of thyroid hormones, regulates metabolism, strengthens the immune system. prevents hidden anger, makes it easier to hold offspring and expel postpartum mate.

MAXIMUM
PROTECTION
MAXIMUM
CARE



BEFOR AND AFTERPARTUM ENERGY SUPPORT.

It is an anti-ketosis energy developed for cows, sheeps and goats before and after birth.

VITALIC MPG is effective in the prevention and treatment of ketosis.

It is also enriched with vitamins.

- VITALIC MPG provides before and postpartum energy support to the cows.
- VITALIC MPG djusts the animal's energy balance in the prevention and treatment of ketosis.

TECHNICIAL SPECIFICATIONS

- Thanks to glycoenic compounds such as propylene glycol, Sorbitol and Ca-propionate it protect the animal against negative energy balance.
- Niacin [vit. B3] contained in VITALIC MPG prevents the animal from falling into negative energy balance; It has an anticethogenic effect by decreasing NEFA and BHBA levels in blood while increasing the glucose ratio.

USAGE

- Shake the product well before use.
- Drink it with the swallowing reflex by placing it in the mouth of the animal up to the wide part of the bottle.
- 500 ml are given to the Cows at the beginning of the birth, and 500 ml, 12 hours after birth.
- To protect cows against the ketosisi the use rate is 500 ml per day during 3 to 7 days from the date of birth.
- For cows the use is 500 ml per day for 3 to 7 days from the date of birth to protect against ketosis.
- To protect cows against the toxemia start using VITALIC MPG 1 week before birth, 500 mL per day AND per cow.
- In sheep and goats, the dose should be adjusted as 1,5 - 2 mL / kg live weight per day at the times indicated.

**PRE-BIRTH
& POST-BIRTH
ENERGY
SUPPORT**



VITALIC REPROFORTE

Feed Premix for Pregnancy Success



FEED PREMIX FOR HIGH PREGNANCY SUCCESS IN RUMINANTS

It is a feed premix that provides high pregnancy success by increasing fertility rate and accelerating the heat period.

REPROFORT is a product with natural ingredients enriched with aromatic herbal mixtures.

- REPROFORTE is a feed premix that accelerate heat and increases the rate of keeping offspring.
- Increases pregnancy rate in cows and heifers and decreases the number of inseminations per pregnancy.
- It ensures that ovulation and births are completed in a shorter time in ovine animals and increases the fertility of the herd.

TECHNICAL SPECIFICATIONS

- REPROFORTE is enriched with aromatic herbal mixtures that are effective in ensuring that animals come to heat and success in keeping offspring.
- Beta Carotene, one of the active ingredients in REPROFORTE, provides high pregnancy success and increases the fertility rate with its positive effect on hormones.
- Vitamin E ensures healthy functioning of ovarian functions with its antioxidant effect.

USAGE

- In cows and heifers; Before the heat period, it is recommended to mix it with feed, 100 g per animal, for a maximum of 10 days until the animal shows heat.
- From birth until insemination, 100 g per animal per day is used by mixing with the feed.
- It is recommended to add 100 g daily to the feed of non-fertile animals until insemination.
- In ovines; before the heat period, it is recommended to mix it with feed, 10 g per animal per day.

**HIGH
EFFICIENCY IN
PRODUCTION**



ÇOK FONKSİYONLU TOKSİN BAęLAYICI

KLINOSAC 15 nihai yem ve hammaddelerdeki mikotoksinlerin biyoyararlanımlarını azaltmaya yardımcı bir yem katkı maddesidir. Etken maddesi hidrate alümina silikat olan klinoptilolittir. Saccharomyces cerevisia canlı maya suşu ve maya hücre duvarı (MOS + B-Glukan) ile desteklenmiştir.

- KLINOSAC 15 üç boyutlu kristal yapısı sayesinde kolaylıkla suyu adsorbe edebilmektedir. Bu önemli özellik ile hammaddelerin ve yemlerin üretimi ve depolanması sırasında nemi bağlayarak küf oluşumunu önler.
- Mikotoksin kontaminasyonuna maruz kalmış yem ve hammaddeler KLINOSAC 15 ile kompleks oluşturularak hayvanın sindirim kanalından geçer ve dışkı yoluyla atılır. Böylece hayvanlara mikotoksinlerin etkisi minimuma indirilir.
- Farklı mikotoksinleri yüksek oranda bağlama kapasitesine sahiptir.
- Mikotoksinlerin olumsuz etkilerini bertaraf ederek hayvan performansında meydana gelen problemleri azaltır.
- İçeriğindeki saccharomyces cerevisiae canlı maya suşu; rumende uzun süre canlı kalarak ruminal fermentasyonu iyileştirir. Yemden yararlanma oranını artırır.
- Maya hücre duvarı [MOS+B- Glukan] ile çeşitli mikotoksinleri bağlama kapasitesi artırılmıştır.
- MOS+B-Glukan baęırsaklardaki zararlı bakterileri bağlayarak sindirim sisteminin maruz kalacağı olumsuz etkileri azaltır.
- Yüksek gaz adsorblama özellięi ile rumen içeriğindeki amonyaęı belirli bir düzeyde tutarak gaz sıkışması vakalarını önler.
- Ruminantlarda rumende oluşan amonyaęı adsorbe ederek mikroorganizmaların protein sentezi için kullandıkları azotun etkinliğini artırır.
- Hayvan dışkılarında karakteristik kötü koku oluşumu üzerine düşürücü etkisi vardır. Barınak içerisinde sinek sayısını düşürür, hayvan refahını artırır.
- İshal vakalarında önemli bir azalma sağlar.
- Mikotoksin metabolitleri süt ve yumurta yoluyla gıda zincirine geçerek insan sağlığını tehdit edebilir. Kullanımı insan sağlığı açısından da önemlidir.



ÇOK FONKSİYONLU TOKSİN BAęLAYICI

KLINOTOX 10 nihai yem ve hammaddelerdeki mikotoksinlerin biyoyararlanımlarını azaltmaya yardımcı bir yem katkı maddesidir. Etken maddesi hidrate alümina silikat olan klinoptilolittir. Çalışma prensibi; hayvan metabolizmasında kirletici materyali yüzeyine bağlayarak dışkı yolu ile atılmasını sağlar ya da yüksek oranda nem çekici özellięi ile yem ve hammaddelerdeki küf oluşumunu önler.

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- İshal vakalarında önemli bir azalma sağlar.
- Maya hücre duvarı [MOS+B- Glukan] ile çeşitli mikotoksinleri bağlama kapasitesi arttırılmıştır.
- MOS+B-Glukan baęırsaklardaki zararlı bakterileri bağlayarak sindirim sisteminin maruz kalacağı olumsuz etkileri azaltır.
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| MISIR, YONCA VE OT SİLAJ KATKI MADDESİ

VITALIC SILAGE Avrupa'nın lider inoculant üreticisi Alman Schaumann firması tarafından üretilmektedir. Ülkemiz şartlarına en uygun kombinasyonlarda ürün şekillendirmesi yapılmıştır.

Mükemmel silaj, yemden yüksek fayda isteyen herkesin arzusudur. Vitalic Silage bu beklentiyi karşılayacak can alıcı ilerlemeler sağlamaktadır. Öyle ki ispatlanmış silaj kalitesine ikna olmuş sayısız kullanıcıya sahiptir. Vitalic Silage bilimsel çalışmalara göre en uygun metabolitleri sağlayan bakteri suşlarını içeren, optimal modifikasyonlarla hazırlanmış mükemmel kombinasyonda bir üründür.

- VITALIC SILAGE hayvanların yem kalitesini arttırarak etkin maliyetli besleme sağlar.
- VITALIC SILAGE silajda, rumende parçalanmayan proteinin [UDP] miktarını artırır, böylece soya küspesi ve kolza küspesi gibi protein kaynaklarının daha az kullanılması imkanı ile tasarruf sağlar.
- VITALIC SILAGE katkıları silaj prosesinin optimum kontrolünü sağlamak için bitki ve hasat durumuna göre özel olarak seçilmiş suşları bir arada bulundurur.
- Süt ineklerinde görülen hastalıkların %80'i buzağılama sırasında ortaya çıkar. Bu durum metabolik bozukluklara ve diğer hastalıklara yol açan enerji açığından kaynaklanmaktadır. VITALIC SILAGE, silajınızın enerji içeriğini optimize eder ve aerobik stabilitesini sağlar.
- Asidoz ve ketosiz gibi besleme kaynaklı hastalıklar silaj katkısı kullanılarak azaltılabilir. Silajda propilen glikol gibi enerji bileşiklerinin oluşumu, laktasyon başlangıcındaki ineğin metabolizmasını rahatlatır ve kondisyonunda fark edilir bir iyileşme sağlar.
- VITALIC SILAGE içerdiği *Lactobacillus diolivorans* ile 14 gün gibi kısa bir silolama süresini takiben aerobik stabilitesi çok yüksek enerjice zengin kaliteli bir silajla beslemeyi mümkün kılar. Bu yeni silaj katkısı sadece Schaumann'a ait olup, tüketimi azaltan aerobik bozulma süreçlerini, kızışmayı ve ikincil fermantasyonu engeller. Bu sayede, hızlı bir açılma durumunda bile yüksek yem tüketimi garanti edilir ve yem kullanımı açısından işletmelere daha fazla esneklik sağlanır.



VITALIC VITAMIX SACC

Vitamin Mineral Premiksi



SÜT VE BESİ HAYVANLARI İÇİN CANLI MAYA İLAVELİ YÜKSEK YOĞUNLUKTA VİTAMİN MİNERAL PREMİKSİ

Süt ve besi hayvanlarının vitamin ve mineral ihtiyaçlarını karşılamak amacıyla geliştirilmiştir.

- Süt ve besi hayvanlarının günlük ihtiyaç duyduğu vitamin ve mineral gereksinimini karşılar.
- İçeriğindeki canlı maya suşu ile sindirimi destekler, yemden yararlanmayı arttırarak süt ve besi performansını artırır.
- Düzenli kullanıldığında rumen mikroflorasını düzenlemeye yardımcı olur.
- İnek ve düvelerde döl tutmaya yardımcı olur. Kızgınlık belirtilerini destekler.
- İçeriğindeki iz elementler ve B grubu vitaminler ile immun sisteme ve bağ doku oluşumuna destek verir.
- İçeriğindeki toksin bağlayıcı ile yemden veya hammaddeden kaynaklı mikotoksin kontaminasyonuna karşı hayvan performansında meydana gelen problemleri azaltır.
- Mikotoksin metabolitleri süt ve yumurta yoluyla gıda zincirine geçerek insan sağlığını tehdit edebilir. Kullanımı insan sağlığı açısından da önemlidir.
- Koku ve lezzet verici aroması ile hayvanların yeme iştah duymasını arttırır.



VITALIC VITAMIX ECO

Vitamin Mineral Premiksi



| SÜT VE BESİ HAYVANLARI İÇİN VİTAMİN MİNERAL PREMİKİSİ

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