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# FEED ADDITIVE SOLUTIONS

## PRODUCT CATALOGUE



Since 1998  
[www.eunjinbio.com](http://www.eunjinbio.com)



## Feed Additive Solutions

Since establishment in February 1998, Eunjin Bio has dedicated to animal health by manufacturing and distributing of high quality and eco-friendly feed additives. We pursue and provide "World's Highest Quality Product" by constant R&D investment and strict quality control for customer satisfaction.

## TQM

Eunjin Bio puts product quality first in line with FAMI-QS international quality standards. It is not just receiving raw materials, but thoroughly managing the analysis and storage of raw materials. Production, analysis, and storage of products are regularly inspected in collaboration with self-research facilities and authorized institutions. Produce products that you can trust to your customers.



Plant size  
25,000m<sup>2</sup>



Production capacity  
30,000MT

*Since 1998,  
Think of 25 years*



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- High breeder
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Pinex®

Natural anti-inflammatory and protease with postbiotics

Composition

- ✓ Pineapple extract
- ✓ Postbiotics
- ✓ Grape fruit seed extract
- ✓ Zn



Efficacy

Anti-inflammatory effect  
Inhibit pathogenic bacteria (E.coli etc.)  
Improve antibiotic efficacy and nutrients absorption  
Reduce Somatic cells in milk

Dosage

Species		Usage(/ton of feed)
Swine	Piglet	0.3~0.5kg (0.03~0.05%)
	Growing, finishing	0.1~0.3kg (0.01~0.03%)
	Sow	0.2~0.4kg (0.02~0.04%)
Poultry, Aqua	All stages	0.1~0.3kg (0.01~0.03%)
Cattle	Dairy	0.3~0.5kg (0.03~0.05%)
	Beef	0.1~0.3kg (0.01~0.03%)

Neotrill

Herbal extract for diarrhea treatment

Composition

- ✓ Herbal extract
- ✓ Hydrolyzed Tannin
- ✓ Probiotics

Efficacy

Prevent and treatment of diarrhea  
Inhibit growth of harmful microbes  
Antimicrobial efficacy to pathogenic bacteria  
Improve wet dropping and mortality

Dosage

Species	Usage(/ton of feed)
Swine, Poultry	0.5~2kg (0.05~0.2%)
Piglet, Calf, Aqua	2~5kg (0.2~0.5%)
Cattle	1~3kg (0.1~0.3%)

Shell FOS

Enhance egg shell and egg quality

Composition

- ✓ Plant extract
- ✓ Zn
- ✓ Mn
- ✓ Cu
- ✓ Ca

Efficacy

Improve eggshell quality  
Reduce weak eggs and breakage  
Improve oviduct condition and egg uniformity  
Decrease blood spot and deformed eggs  
Increase egg production and laying period

Dosage

Species	Usage(/ton of feed)
Poultry (Layer)	0.5~2kg (0.05~0.2%)

EOcid

Complex organic acids with essential oil and herbal extract

Composition

- ✓ Essential oil
- ✓ Herbal extract
- ✓ multi-organic acids



Efficacy

Alternatives of antibiotics.  
Enhance gut health and inhibit pathogenic bacteria.

Dosage

Species	Usage(/ton of feed)
Chick, Piglet	2~3kg (0.2~0.3%)
Broiler, Sow, Calf, Aqua	1~2kg (0.1~0.2%)
Layer, G/F pig	0.5~2kg (0.05~0.2%)

Liver-well

Strong antioxidant to protect liver

Composition

- ✓ Glutathione
- ✓ MOS
- ✓ Beta-glucan

Efficacy

Yeast glutathione (4%), MOS + beta-glucan (7%)  
Liver detox and antioxidant  
Prevent stress and liver disorder from the toxic oxidative poison  
Increase immunity to normalization fish's color and prevent ceroid

Dosage

Species	Usage(/ton of feed)
Aquaculture	1~2kg (0.1~0.2%)
All animals	1~3kg (0.1~0.3%)



## Lactacid

Alternative antibiotics, optimized growth promote formula

### Composition

✓ Lactic acid ✓ Formic acid ✓ Citric acid

### Efficacy

Decrease of pH in the stomach  
Reduction of bacterial diarrhea in GIT  
Activation of digestion enzymes

### Dosage

Species	Usage (/ton of feed)
Chick, Piglet	2~3kg (0.2~0.3%)
Broiler, Sow, Calf, Aqua	1~2kg (0.1~0.2%)
Layer, G/F pig	0.5~2kg (0.05~0.2%)

[Customization]

Handling ingredient list

Lactic, Formic, Citric, Benzoic, Phosphoric, Butyric, Fumaric, Malic and Acetic acid or salts forms

## Photacid

### Composition

✓ Phosphoric acid ✓ Lactic acid ✓ Formic acid ✓ Citric acid

### Efficacy

Decrease of pH in the stomach  
Reduction of bacterial diarrhea in GIT  
Activation of digestion enzymes

### Dosage

Species	Usage (/ton of feed)
Chick, Piglet	2~3kg (0.2~0.3%)
Broiler, Sow, Calf, Aqua	1~2kg (0.1~0.2%)
Layer, G/F pig	0.5~2kg (0.05~0.2%)

Bio Vaccine

Safe Ca-salt form with enhanced availability

Composition

- ✓ Ca-Lactate
- ✓ Ca-Formate
- ✓ Ca-propionate
- ✓ Citric acid

Efficacy

Optimize pH in the stomach  
Reduction of bacterial diarrhea in GIT  
Activation of digestion enzymes

Dosage

Species	Usage(/ton of feed)
Chick, Piglet	2~3kg (0.2~0.3%)
Broiler, Sow, Calf, Aqua	1~2kg (0.1~0.2%)
Layer, G/F pig	0.5~2kg (0.05~0.2%)

Chicken Duck

Liquid form to inhibit bacterial, viral disease in poultry.

Composition

- ✓ Lactic acid
- ✓ Formic acid
- ✓ Citric acid

Efficacy

Safe drinkable organic acid, no withdrawal period.  
Reduction of bacterial diarrhea.  
Activation of digestion enzymes

Dosage

Species	Usage(/ton of feed)
All animals	0.5~1L / 1,000L of water

03  
Sweetener

Culmina

Long-term sweetener, the most economical sweetener.

Composition

- ✓ Sodium saccharine (S.Korea)
- ✓ Neotame



Efficacy

Optimized formula for feed producer and farm  
Improve palatability and feed intake

Dosage

Item	Usage(/ton of feed)
CULMINA 3000	300~600g (0.03~0.06%)
CULMINA 5000	200~450g (0.02~0.045%)
CULMINA 8000	100~200g (0.01~0.03%)

Saccha-mix

High purity sodium saccharine origin from Korea

Composition

- ✓ Sodium saccharine (S.Korea)
- ✓ apricot flavor
- ✓ vanilla flavor

Efficacy

150 times sweeter than sugar  
Improve palatability and feed intake

Dosage

Species	Usage(/ton of feed)
Cattle	200~500g (0.02~0.05%)
Swine, Poultry	300~800g (0.03~0.08%)
Aqua, Pet	100~300g (0.01~0.03%)

Maximite

The maximum sweetener

Composition

- ✓ Sodium saccharine (S.Korea)
- ✓ Neotame
- ✓ NHDC

Efficacy

Improve palatability and feed intake

Dosage

Item	Usage(/ton of feed)
All animals	50~150g (0.005~0.015%)

Cool-pack (Heat stress)

The best sweet and sour recipe

Composition

- ✓ Sodium saccharine (S.Korea)
- ✓ Neotame
- ✓ Citric Acid
- ✓ Lemon and milky vanilla flavor

Efficacy

Reduce heat stress  
Improve palatability and feed intake

Dosage

Item	Usage(/ton of feed)
All animals	50~150g (0.005~0.015%)

Metapro®

Premium yeast culture by latest facility

Composition

- ✓ Yeast culture (*Saccharomyces cerevisiae*)
- ✓ its metabolites and nutrients



Efficacy

Increase feed intake FCR, and ADG  
Improve intestinal microflora and immunity.

Dosage

Species	Usage (/ton of feed)
Cattle, Swine, Poultry, Aqua	2~5kg (0.2~0.5%)
Piglet, Calf	3~6kg (0.3~0.6%)

Metapro® C

Crumble type postbiotics to increase feed intake

Composition

- ✓ Yeast culture (*Saccharomyces cerevisiae*)
- ✓ its metabolites
- ✓ Sweetener



Efficacy

Same as Metapro®  
Crumble type reduces loss of the products at the farm

Dosage

Species	Usage (/ton of feed)
Cattle, Swine, Poultry, Aqua	2~4kg (0.2~0.4%)
Piglet, Calf	3~6kg (0.3~0.6%)



Metapro<sup>®</sup> gold

Postbiotics with enhanced metabolites for immunity

Composition

- ✓ Yeast culture (*Saccharomyces cerevisiae*)
- ✓ MOS
- ✓ Beta-glucan

Efficacy

Same as Metapro<sup>®</sup>  
Increased postbiotic and immunity nutrients

Dosage

Species	Usage (/ton of feed)
Cattle, Swine, Poultry, Aqua	1~3kg (0.1~0.3%)
Piglet, Calf	2~4kg (0.2~0.4%)

Metapost

Direct Fed Microorganisms to enhance digestibility and carbon dioxide reduction.

Composition

- ✓ Yeast culture
- ✓ *Saccharomyces cerevisiae*
- ✓ *Bacillus subtilis*
- ✓ *Bacillus licheniformis*

Efficacy

Improve digestibility and gut microbiome  
Enhance immunity, inhibit harmful bacteria, prevent diarrhea  
Promotes FCR, ADG  
Improve fecal fermentation and reduce odor.

Dosage

Species	Usage (/ton of feed)
Swine, Poultry, Cattle	1~3kg (0.1~ 0.3%)
Piglet, Calf, Aqua	2~5kg (0.2~ 0.5%)

Digesta-10

All in one Synbiotics to improve gut microbiome and immunity.

Composition

- ✓ Yeast culture
- ✓ *Saccharomyces cerevisiae*
- ✓ *Bacillus subtilis*
- ✓ *Aspergillus oryzae*

Efficacy

Improve digestibility and gut microbiome  
Enhance immunity, inhibit harmful bacteria, prevent diarrhea  
Promotes FCR, ADG  
Improve fecal fermentation and reduce odor.

Dosage

Species	Usage (/ton of feed)
Cattle	1~3kg (0.1~ 0.3%)
Calf	2~5kg (0.2~ 0.5%)

Odor-ferm

Promotes fecal fermentation and improve farm environment

Composition

- ✓ Yeast culture
- ✓ *Bacillus subtilis*
- ✓ *Bacillus licheniformis*

Efficacy

Improve fecal fermentation  
Reduce odor and improve farm environment

Dosage

Species	Usage (/ton of feed)
All species	1~3kg (0.1~ 0.3%)
TMR	0.5~1kg (0.2~ 0.5%)
Spread in farm and feces	
Poultry farm floor	0.5~1kg / 330m <sup>2</sup>
Swine slurry pit	1~2kg / 10 tons of feces
Swine farm floor	1~2kg / 330m <sup>2</sup>
Cattle farm floor	0.5~1kg / 330m <sup>2</sup>
Manure treatment plant	1~2kg / 10 tons of feces

Enerfat®

Innovative Ca-soap bypass fat with removed odor by patent technology

Composition

- ✓ Food (RBD) grade palm oil
- ✓ Crude fat : 80% min.
- ✓ Energy : 7,000 kcal/kg min.



Efficacy

Excellent palatability and digestibility  
Supply energy effectively and increase milk yield  
Improve body condition and decrease risk of acidosis

Dosage

Species	Usage (/ton of feed)
Cattle	10~30kg (1~3%)
Swine, Broiler, Duck	5~ 20kg (0.5~2%)

Estro

Improve fertility with Omega-3 from Ca-soap flaxseed oil

Composition

- ✓ Food (RBD) grade palm oil
- ✓ flaxseed oil

Efficacy

Increase fertility by controlling the hormone  
Excellent palatability and digestibility with Ca-soap

Dosage

Species	Usage (/ton of feed)
All species	5~10kg (0.5~1%)

## Salmokill-plus (Liquid, Powder)

Complex organic acid to control Salmonella and E.coli

### Composition

✓ Formic acid    ✓ Citric acid    ✓ Lactic acid

Species	Usage (/ton of feed)
All species	2~5kg (0.2~0.5%)

## Safe-guard

Mold inhibitor for feed producer

### Composition

✓ Propionic acid    ✓ Formic acid

Species	Usage (/ton of feed)	
All species	Moisture less than 12%	0.5~1kg (0.05~0.1%)
	More than 25%	2~5kg (0.2~0.5%)

## Toxigen

Toxin binder to prevent mycotoxycosis.

### Composition

✓ Montmorillonite    ✓ tannin acid

Species	Usage (/ton of feed)
All species	0.5~3kg (0.05~0.3%)

## Neolac

Rice Protein Concentrate. Vegetable protein source without anti nutritional factor

### Composition

- ✓ Rice protein (CP 60% min)

### Efficacy

High quality protein for young animals with high digestibility.  
No antigen, anti- nutritional factors

## CMB

Cow milkfat Booster

### Composition

- ✓ Acetic acid
- ✓ Magnesium

### Efficacy

Increase milk fat percentage  
Prevent metabolic disease (Ketosis etc.)  
Activate function in rumen

### Dosage

Species	Usage (/ton of feed)
Cattle	2~4kg (0.2 ~ 0.4%)



ENERCERIN

Fine powder of Glycerin

Composition

✓ Glycerin 60% min.

Efficacy

Improve palatability and feed intake  
Increase digestibility by enzyme diffusion in rumen  
Prevent ketosis and fatty liver

Dosage

Species	Usage
Cattle	Prevention of ketosis and fatty liver: 300g/head/day
	Rapid energy supply: 200g/head/day

Prime WPC

Whey protein concentrate to enhance the protein level

Egg Yolk Powder

High quality and safe protein ingredient contains rich of amino acids, fatty acids and vitamins

Cheese feed

Increase palatability from the cheese with high quality protein

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Vitamin Mineral

Impact solution (Liquid)

Vitality Booster

Composition

- ✓ L-Carnitine
- ✓ Taurine
- ✓ Selenium
- ✓ Vit B
- ✓ C
- ✓ K

Efficacy

Increase immunity and vitality  
Reduce stress

Dosage

Species	Usage
Poultry	1L / 1,000L drinking water
Piglet	2~5ml / 10 heads / day
Sow, G/F pig	0.5~2ml / head / day
Cattle	5~10ml / 10 heads / day
Calf	30~50ml / 10 heads / day
Aqua	1~2L / ton of feed

High breeder

Improve reproduction with  $\beta$  carotene

Composition

- ✓  $\beta$  carotene
- ✓ Selenium
- ✓ Vit A
- ✓ D3
- ✓ E

Efficacy

Optimized formulation to improve fertility

Dosage

Species	Usage
Cattle feed	1kg (0.1%)
Cattle less than 200kg	20g / head / day
Cattle 200~500kg	20~50g / head / day
Cattle 500kg~	50~100g / head / day

Vita-mine

Vitamin & mineral premix (customize formula)

- ✓ Customized Premix Solution produced in accordance with Eunjin Bio's know-how under FAMI-QS. Vitamins and minerals can be blended according to the specifications of each livestock, or the level of addition of certain vitamins and minerals can be adjusted to the customer's request.

In 2023, we introduce the newest vitamin & mineral premix manufacturing facility to produce more precise and reliable products with the best quality

Vitamarble<sup>®</sup>

Bypass vit C to improve marbling score

Composition

- ✓ Coated Vit C

Efficacy

Maximize carcass meat quality

Dosage

Species	Usage
Cattle feed	1kg (0.1%)
Cattle less than 200kg	20g / head / day
Cattle 200~500kg	20~50g / head / day
Cattle 500kg~	50~100g / head / day