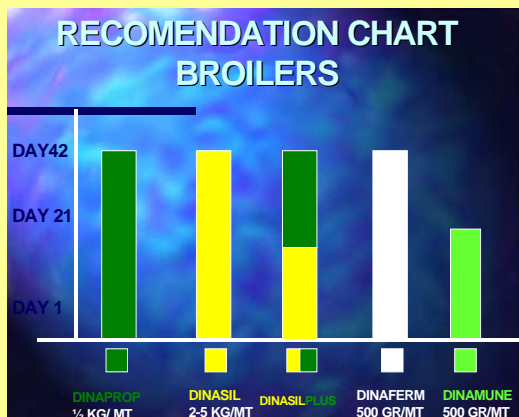


## DINASIL PLUS



### Composition

Item	Expected %
Propionic Acid (Buffered)	10.00
Silicate	57.40
Aluminum	16.06
<i>Others:</i>	
Iron	
Magnesium	
Calcium	
Sodium	
TiO <sub>2</sub>	
<b>Total others</b>	<b>16.45</b>



## Product Specifications

### ANIMAL FEEDS:

Birds, swine, cattle, rabbits, horses, sheep, fish.

### EFFICACY:

Effective for the control of molds and mycotoxins.

### DOSE PER METRIC TON

2.2-5.5 kg. / metric ton.

### STORAGE:

Store in a cool, dry, ventilated area.

### PRECAUTIONS:

Avoid contact with skin and eyes. Avoid breathing dust. Use protective facial mask. Use in ventilated area.

### EXPIRATION:

1 year in original packing. Close tightly after each use.

### PACKAGING:

25 kg/ multi-wall bag or 25 kg plastic pail with liner.

### USAGE & DOSAGE:

2.2-5.5 kg. per metric ton. For starter feeds use 5.5 kg per metric ton.

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"A Dynamic Approach to Nutri-Agri Product Research and Technology Development"

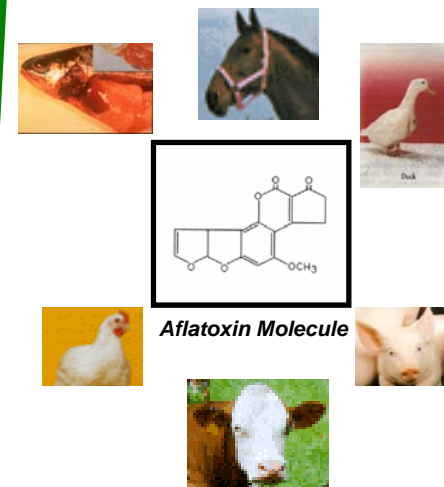


**DINATEC**

*Quality You Can Trust*

## DINASIL PLUS

*Advanced Combined Mold Inhibition & Mycotoxin Binding Technology*



*A powerful combination of mycotoxin adsorption and mold inhibition in one easy-to-use, conveniently packaged product.*

## Advantages of DINASIL PLUS

- Replaces mold inhibitors & mycotoxin binders.
- Safest approach since in many instances a producer may not know if the problem is mycosis, mycotoxicosis or both. **DINASIL PLUS** will handle both conditions.
- Improves growth rate, feed conversion, fertility and hatchability.
- Decreases immuno-suppressive problems.
- Anti-caking characteristics prevent adhesion of feed ingredients.
- Absorbs moisture in feed.
- Improves profit margin by reducing mycosis-related problems from molds and mycotoxins.
- Will not present any palatability problems in feed.



Ducks & trout are the most susceptible species

### What can I do to avoid Mycotoxicosis problems?

- Increase diet energy/protein content
- Increase diet vitamin fortification
- Utilize broad spectrum antibiotics at a therapeutic level
- Increase methionine and fatty acid
- Minimizing animal stressors
- Application of **DINASIL PLUS** as a mold inhibitor/toxin binder is a very reasonable approach in protecting against mycotoxicosis.

### Why do I need to include mold inhibitor in feed?

Once the mold grows it begins to produce mycotoxins, causing harm to the animals. It is stated that molds can potentially grow starting from the field to the animal house. A toxin binder is the only method of getting rid of these harmful toxins after they are produced in the feed.



### Do you add a toxin binder if a mold inhibitor is already in the feed?

Yes. A toxin binder is specifically used to bind mycotoxins produced by molds, while a mold inhibitor stops mold reproduction. When molds are present toxin is consequently produced, making a toxin binder necessary. This is why the concept of a product like **DINASIL PLUS** is so valuable. **DINASIL PLUS** is a very effective combination product for protection against molds and mycotoxins as a mold inhibitor and a toxin binder. This will better protect the essential nutrients in feed as well as your animals.

### Why use a combined toxin binder/ mold inhibitor like DINASIL PLUS?

Mold inhibitors are products formulated to inhibit, kill and prevent the proliferation of toxins produced by molds called mycotoxins. Molds are always present and need only moisture, temperature, oxygen and an adequate food source to reproduce. The toxin is produced in as little as six hours after infestation by certain molds. Mold inhibitors are incapable of having any direct effect on the toxins.

For this reason a toxin binder is also needed. Mold growth begins with the harvesting process, through the mechanical handling of grains, in the storage facilities, in mixing and in animal house feeders. Once molds grow, they start to produce mycotoxins that eventually damage feed nutrient and animals. The production of mycotoxins is generally, but not necessarily, related to mold proliferation.

### What are the detrimental effects of molds and mycotoxins?

*In the feed, molds could:*

- Reduce nutrient value in feedstuffs and grains
- Decrease energy level available to animals

*To the animals molds and the mycotoxins they produce can cause:*

- Liver damage (bile, veins and arteries)
- Unthriftiness, lethargy and anorexia
- Decreased & contaminated milk production in cows
- Prolapse of the rectum
- Stillbirth/ Low conception rate/ False heat
- Increase susceptibility to infection
- Immunological disorders



HEPATOMEGALLY CAUSED BY AFLATOXICOSIS