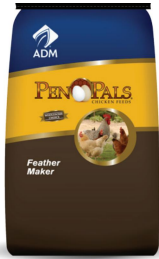


# Pen Pals® Feather Maker™

Product Number  
**70744AAA**

A Complete Feed for Poultry that Supports Feather Regrowth



## Product Positioning

Performance-focused Pen Pals poultry products provide wholesome, natural-sourced, unique ingredients to support wholesome, healthy, and stress-free birds. Feather Maker supplies the nutrients needed to support regrowth of feathers after molting and can also be used for laying hens. Good plumage is important to retain body heat as poor feathering exposes body areas, resulting in increased energy maintenance requirement which leads to higher feed intake, increased feed cost, and possibly lower performance and reduced income. No additional grain, protein, minerals, or vitamin sources are needed.

## Product Description

Feather Maker (70744AAA) is a highly digestible, non-medicated, pelleted, complete feed formulated for hens specifically during molting and feather regrowth. It provides 18% protein and 3.5% fat along with minerals and vitamins to support feather regrowth and maximum egg production.

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## Features

Select ingredients, consistent formulation

High-quality, multiple protein sources plus synthetic amino acids

Mineral and vitamin fortification

Complexed zinc

CitriStim®

Multiple direct fed microbials (probiotics)

Empirical® NSP Enzyme

Selenium yeast

Marigold extract

Mini-pellet form

## Benefits

Ensures product consistency and dependable nutrient sources.

Supplies critical amino acids needed for feather regrowth after molting (feathers are 94–96% protein) and supports egg production.

Provides nutrients necessary for feather regrowth, optimum egg production, and nutrients essential for a properly functioning immune system, which is vital to good health.

Zinc is considered an important trace mineral for feather development, and complexed zinc (organic zinc) is more readily available for absorption compared to inorganic sources of zinc. Zinc is also important for immunity, reproduction, skin and claw integrity, muscle development, and eggshell quality.

An ADM proprietary feed ingredient that may help poultry strengthen their defense against health challenges by supporting and optimizing gut function, gut integrity, and body defense responses.

Supply naturally-occurring, beneficial bacteria to support healthy gut microbial balance and overall health and function of the GI tract; help maintain normal, healthy digestion by supporting the population of bacteria in the GI tract and intestinal integrity; boost enzyme production in the GI tract, which enhances nutrient utilization and absorption.

A multi-enzyme, non-starch polysaccharide (NSP) that helps enable poultry to better utilize fibrous ration components by improving digestibility and availability of sugars from NSPs (better energy utilization of ration components), allowing more energy to become available for production purposes.

Study suggests selenium yeast supports feathering; selenium yeast is a more bioavailable source of selenium; and selenium is important for immune function.

Natural pigment used for deep skin, shank, beak, and yolk enhancement; also contains compounds with vitamin A activity.

Ensures hens receive balanced nutrition (no sorting of ingredients) and reduces feed waste.



## Product form/packing:

- Mini-pellet form, 50-lb bag (70744AAAE4)

## How Much is Needed:

- 0.25 lb/laying hen/day\*

\*Feed consumption is based on average values. Actual consumption may vary significantly depending on the breed of bird, environmental conditions, and weights to which the birds are raised.

## Guaranteed Analysis

Crude Protein, min. ....	18.0%
Lysine, min. ....	1.0%
Methionine, min. ....	0.42%
Crude Fat, min. ....	3.5%
Crude Fiber, max. ....	6.0%
Calcium (Ca), min./max. ....	3.75–4.75%
Phosphorus (P), min. ....	0.4%
Salt (NaCl), min./max. ....	0.2–0.7%
Sodium (Na), min./max. ....	0.1–0.6%
Manganese (Mn), min. ....	185 ppm
Selenium (Se), min. ....	0.3 ppm
Vitamin A, min. ....	3,200 IU/lb
Vitamin D <sub>3</sub> , min. ....	990 IU/lb
Vitamin E, min. ....	2,900 IU/lb
<i>Lactobacillus acidophilus</i> , min. ....	10,200,000 CFU/lb
<i>Lactobacillus casei</i> , min. ....	10,200,000 CFU/lb
<i>Bifidobacterium thermophilum</i> , min. ....	10,200,000 CFU/lb
<i>Enterococcus faecium</i> , min. ....	10,200,000 CFU/lb

Contains a source of live (viable) naturally-occurring microorganisms.

## Ingredients

### INGREDIENTS

Grain Products, Plant Protein Products, Calcium Carbonate, Processed Grain By-Products, Vegetable Oil, Monocalcium Phosphate, Salt, Methionine, Vitamin A Supplement, Vitamin D<sub>3</sub> Supplement, Vitamin E Supplement, Menadione Sodium Bisulfite Complex, Riboflavin Supplement, Niacin Supplement, Calcium Pantothenate, Thiamine Mononitrate, Vitamin B<sub>12</sub> Supplement, Biotin, Pyridoxine Hydrochloride, Folic Acid, Extracted Citric Acid Presscake, Dried *Lactobacillus Acidophilus* Fermentation Product, Dried *Lactobacillus Casei* Fermentation Product, Dried *Bifidobacterium Thermophilum* Fermentation Product, Dried *Enterococcus Faecium* Fermentation Product, Manganous Oxide, Manganese Sulfate, Zinc Oxide, Zinc Sulfate, Copper Sulfate, Calcium Iodate, Ferrous Sulfate, Dried *Trichoderma reesei* Fermentation Product, Selenium Yeast, Choline Chloride, Zinc Amino Acid Complex, L-Threonine, Marigold Extract.

## Feeding Directions

Feed continuously as the sole ration to laying hens. Provide clean, fresh water at all times.

## Space Requirements

### Minimum Space Requirements per Bird (20+ weeks of age)

Floor: 1.5 sq. ft. for white-egg breeds  
2 sq. ft. for brown-egg breeds

Feeder: 3 inches or 20 birds/pan

Water: 2 inches or 50-100 birds per round metal drinker