

# The Difference

## More Eggs





Poulin Grain poultry feeds contain scientifically proven natural ingredients to maintain the health and welfare of your flocks **naturally**. These include the following:



### 1. Essential Oils:

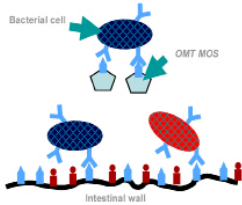
**Poulin feeds include three proven, safe and effective essential oils:**

- Cinnamaldehyde from Cinnamon  **Protects stomach and intestinal wall and improves nutrient absorption.**
- Carvacol from Oregano  **Stimulates volatile fatty acids in the colon favoring the growth of beneficial gut micro-flora.**
- Capsicum from Chilli Peppers  **Stimulate the birds digestive enzyme activity, increasing nutrient absorption.**

## More Meat

### 2. MOS Prebiotic

Mannan-oligosaccharide (MOS), is a type of prebiotic responsible for maintaining a healthy digestive tract and allowing birds to grow to their natural full potential.



### 3. Phytase Enzyme

Phytase enzyme helps unlock the phosphorus bound in plant fibers reducing the phosphorus excreted. Feeds balanced for amino acids that include phytase, reducing nitrogen and phosphorus waste.

### 4. DFM Probiotics

Direct Fed Microbials (DFM) help to maintain intestinal health and inhibit the growth of the pathogenic bacteria Clostridium perfringens. Research has shown that DFM decreases the presence of Necrotic Enteritis, a bacterial disease that can cause depression of growth rate, reduced feed efficiency and increased mortality in flocks. Another natural solution to maintaining a healthy intestinal tract.

### 5. LUTEIN

Enriched eggs from marigold extract for deep yellow yolks. (Not included in Layer Essentials)

### 6. YUCCA SCHIDIGERA

- Inhibits development of coccidia, helping to improve bird health.
- Reduction of ammonia that causes respiratory issues and also blindness in bird houses with inadequate ventilation.

**Less Nutrient Excretion Means Less Environmental Pollution.**

Type of Bird	Age of Bird	Product to Feed
Broilers	1 day to 2 weeks	Chick Starter Crumbles
	2 weeks to slaughter	Broiler Crumbles (Can start on day 1)
Chicks	1 day to 6 weeks	Chick Starter Crumbles
Pullet Growers	7 weeks to 5 months	Poultry Grower/ Finisher Crumble
Layers	5 months and up	Layer Pellets, Mash, or Crumbles
Layers/Molting/ Increase Egg Production	5 months and up	Egg Production Plus (Soy Free)
Turkey Poults	1 day to 6-8 weeks	Turkey/Gamebird Starter Crumbles
Turkeys Growing	6-8 weeks to slaughter	Turkey/Gamebird Grower/Finisher Pellet
Ducklings and Goslings	1 day to 4 weeks	Gamebird Starter/ Grower Crumble
Ducks & Geese (growing or non-laying)	4 weeks to 4-7 months	Poultry Grower/ Finisher Crumble
Ducks Laying	4-7 months and up	Layer Pellets, Mash, Crumbles, or Egg Production Plus
Ducks (meat)	1 day to slaughter	Gamebird Starter/ Grower Crumbles
Pheasant/ Chukar/ Guinea Fowl/ Quail/ Peacocks	1 day to 8 weeks	Turkey/ Gamebird Starter Crumbles
	8 weeks and up	Turkey/ Gamebird Grower/ Finisher Pellet
Gamebirds Laying		Egg Production Plus (Soy Free)

# POULTRY



High quality, all-natural ingredients and cutting-edge technology to help raise a healthy flock.



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Leading Animal Nutrition

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# Feeding Guidelines

**LAYER CHICKS & PULLETS**  
Feed layer chicks **Chick Starter Crumbles** until 6 weeks of age, then feed **Poultry/Grower/Finisher Crumble** to 20 weeks and until eggs are produced.

**LAYERS**  
Feed laying birds the **Layer Mash, Crumbles, Pellet** or **Egg Production Plus** from laying to molting. **Feed Premium Layer or Egg Production Plus** for optimum levels of added features. **Layer Essentials** contains base levels.

**BROILERS**  
Feed broiler chicks **Quik Grow Broiler Crumbles** which is formulated to meet the requirements of all heavy meat birds. Ration fed for entire life or may start with **Chick Starter Crumbles**.

**SCRATCH FEED**  
(Does not contain essential oils, marigold, mos, DFM and phytase enzyme or yucca)  
A mixture of cracked corn and whole oats to feed to mature birds for them to “scratch”. Not nutritionally balanced.

**TURKEY FEEDS**  
Provide fresh clean water at all times. Feed poultz up to 6-8 weeks with the **Turkey/ Gamebird Starter Crumbles**. From 6-8 weeks feed **Turkey/Gamebird Grower/ Finisher Pellet** to slaughter. Supplement cracked corn the last 2 weeks if fat layer desired.

**PHEASANTS, CHUKARS, QUAIL, GUINEA FOWL AND PEACOCKS**  
Pheasants, chukars, quail, guinea fowl and peacocks should be fed **Turkey/Gamebird Starter Crumbles** or **Gamebird Starter/ Grower Crumbles** until 6-8 weeks of age. At 6-8 weeks switch to **Turkey/Gamebird Grower/Finisher Pellet**. Continue until bird reaches market size or for the life of the bird.

**DUCKS AND GEESE**  
**All ducks and geese:** start on **Chick Starter Crumbles** until about 4 weeks.  
**Meat birds:** at 4 weeks of age switch to **Quik Grow Broiler Crumbles** until market size at about 8 weeks of age.  
**Pet birds:** switch to **Poultry Grower/ Finisher Crumble** at about 4-5 weeks of age.  
**Laying Birds:** at 4 weeks of age switch to **Poultry Grower/Finisher Crumble**, when birds begin to lay switch to **Layer Pellets, Mash, Crumbles or Egg Production Plus Crumble**.  
  
\* All Poulin Grain poultry feeds contain adequate niacin to support the needs of ducks



## Poultry Feeds Nutrient Specifications

	Chick Starter Crumbles	Quik Grow Broiler Crumbles	Poultry Grower Finisher Crumble	Premium Layer Pellet, Crumble or Mash	Egg Production Plus Crumble SOY FREE
Crude Protein (Min)	20.00%	20.00%	15.00%	16.5%	18.00%
Lysine (Min)	1.00%	1.05%	0.60%	0.85%	0.85%
Methionine (Min)	0.35%	0.35%	0.35%	0.38%	0.40%
Crude Fat (Min)	3.00%	3.00%	3.00%	3.00%	4.00%
Crude Fiber (Max)	5.00%	5.00%	4.00%	4.00%	6.00%
Calcium (Min)	0.90%	0.95%	0.85%	3.70%	3.40%
Calcium (Max)	1.20%	1.20%	1.35%	4.50%	4.40%
Phosphorus (Min)	0.60%	0.60%	0.60%	0.60%	0.60%
Salt (Min)	0.30%	0.30%	0.30%	0.30%	0.25%
Salt (Max)	0.50%	0.50%	0.50%	0.50%	0.50%

	Layer Essentials Pellet or Crumble	Turkey/ Gamebird Starter Crumbles	Gamebird Starter/Grower Crumbles	Turkey/Game-bird Grower/ Finisher Pellet	Scratch Feed
Crude Protein (Min)	16.00%	28.00%	22.00%	20.00%	8.00%
Lysine (Min)	0.75%	1.50%	1.10%	1.05%	
Methionine (Min)	0.30%	0.50%	0.40%	0.40%	
Crude Fat (Min)	2.50%	3.00%	4.00%	3.00%	2.50%
Crude Fiber (Max)	7.50%	4.00%	4.50%	5.00%	5.00%
Calcium (Min)	3.40%	1.00%	0.85%	1.10%	
Calcium (Max)	4.00%	1.40%	1.15%	1.60%	
Phosphorus (Min)	0.60%	0.75%	0.75%	0.75%	
Salt (Min)	0.30%	0.30%	0.30%	0.30%	
Salt (Max)	0.60%	0.50%	0.50%	0.50%	