Layer Chicks & Pullets
Feed layer chicks **Chick Starter Crumbles** until 6 weeks of age, then feed **Poultry/Grower/Finisher Crumblet** 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.

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, Mos DFM and Phytase Enzyme)
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 pouls 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 pea-cocks 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 Crumblet at about 4-5 weeks of age.
Laying Birds: at 4 weeks of age switch to Poultry Grower/Finisher Crumblet, when birds begin to lay switch to Layer Pellets, Mash, Crumbles or Egg Production Plus Crumblet.

**Poultry Feeds Nutrient Specifications**

<table>
<thead>
<tr>
<th>Chick Starter Crumble</th>
<th>Quik Grow Broiler Crumbles™</th>
<th>Poultry Starter Crumble</th>
<th>Layer Pellets Crumbles or Mash™</th>
<th>Egg Production Plus Crumblet™</th>
<th>Turkey/Homebird Starter Crumbles™</th>
<th>Gamebird Starter/ Grower Crumblet™</th>
<th>Turkey/Gamebird Grower/Finisher Pellet™</th>
<th>Scratch Feed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crude Protein (Min)</td>
<td>20.00%</td>
<td>20.00%</td>
<td>15.00%</td>
<td>16.50%</td>
<td>18.00%</td>
<td>28.00%</td>
<td>22.00%</td>
<td>20.00%</td>
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<tr>
<td>Lysine (Min)</td>
<td>1.00%</td>
<td>1.05%</td>
<td>0.60%</td>
<td>0.85%</td>
<td>0.85%</td>
<td>1.50%</td>
<td>1.10%</td>
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<tr>
<td>Methionine (Min)</td>
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<td>0.35%</td>
<td>0.35%</td>
<td>0.38%</td>
<td>0.40%</td>
<td>0.50%</td>
<td>0.40%</td>
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<tr>
<td>Crude Fat (Min)</td>
<td>3.00%</td>
<td>3.00%</td>
<td>3.00%</td>
<td>3.00%</td>
<td>4.00%</td>
<td>3.00%</td>
<td>4.00%</td>
<td></td>
</tr>
<tr>
<td>Crude Fiber (Max)</td>
<td>5.00%</td>
<td>5.00%</td>
<td>4.00%</td>
<td>4.00%</td>
<td>6.00%</td>
<td>6.00%</td>
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<tr>
<td>Calcium (Min)</td>
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<td>0.95%</td>
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<td>3.50%</td>
<td>3.40%</td>
<td>1.00%</td>
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<tr>
<td>Calcium (Max)</td>
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<td>1.20%</td>
<td>1.35%</td>
<td>3.70%</td>
<td>4.40%</td>
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<tr>
<td>Phosphorus (Min)</td>
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<td>0.60%</td>
<td>0.60%</td>
<td>0.60%</td>
<td>0.60%</td>
<td>0.75%</td>
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<tr>
<td>Salt (Min)</td>
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<td>0.25%</td>
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<tr>
<td>Salt (Max)</td>
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<td>0.50%</td>
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<td>0.50%</td>
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</table>
The Difference

More Eggs  More Meat

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:

   - Capsicum from Chili Peppers
   - Carvacol from Oregano
   - Cinnamaldehyde from Cinnamon

   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 Chili Peppers
     Stimulates the birds digestive enzyme activity, increasing nutrient absorption.

2. Pre-biotic (MOS)

   The pre-biotic in Poulin Grain’s poultry feeds are glucomannans and beta-glucans (MOS), responsible for maintaining a healthy digestive tract and allowing the birds to grow to their natural 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

   DFM is a direct fed microbial (DFM) which works to help maintain intestinal health and inhibits the growth of Clostridium perfringens. Research has shown that this DFM decreases the presence of Necrotic Enteritis lesions caused by Clostridium perfringens. Another natural solution to maintaining a healthy intestinal tract.

5. LUTEIN

   Enriched eggs from marigold extract for deep yellow yolks.

Less Nutrient Excretion Means Less Environmental Pollution.

### Poulin Grain Poultry Feeds

**Type of Bird** | **Age of Bird** | **Product to Feed** |
---|---|---|
Broilers | 1 day to 2 weeks | Chick Starter Crumbles |
| 2 weeks to slaughter | Quick Grow Broiler Crumbles |
Pullets | 1 day - 6 weeks | Chick Starter Crumbles |
| 7 weeks - 5 months | Poultry Grower/Finisher Crumble |
Layers | 5 months and up | Layer Pellet, Mash or Crumbles |
| Egg Production Plus Crumble |
Breeders | | Egg Production Plus Crumble |
Turkey Poults | 1 - 6-8 weeks | Turkey Gamebird Starter Crumbles |
| 6-8 weeks to slaughter | Turkey Gamebird Grower Finisher Pellet |
Ducks & Geese | 1 day - 4 weeks | Chick Starter Crumbles |
(breeding or backyard pet) | 4 weeks - 7 months | Poultry Grower/Finisher Crumble |
| Laying | | Layer Pellets, Mash, Crumble |
| Egg Production Plus Crumble |
Ducks (meat) | Day 1 - 4 weeks | Chick Starter Crumbles |
| 4 weeks to slaughter | Quick Grow Broiler Crumbles |
Pheasants, Chukars, Quail, Guinea Fowl and Peacocks | Day 1 - 8 weeks | Turkey Gamebird Starter Crumbles |
| Gamebird Starter/Grower Crumbles |
| 8 weeks and up | Turkey Gamebird Grower Finisher Pellet |
Laying | | Egg Production Plus Crumble |