



# Getting Game Birds Ready for Flight



With roots tracing back to the late 1800s, ADM has built a solid foundation of producing high-quality, dependable animal feed products. Flight Ready Game Bird Feeding Program is designed to provide critical nutrients that

game birds need for fast, efficient development and growth. Successful game bird production not only depends on a sound nutritional program, but also on proper management through all stages of development.

## Flight Ready™ products are highly digestible, complete feeds and provide the following nutritional components:

- Multiple protein sources
- Mineral and vitamin fortification which include natural-source vitamin E and complexed (organic) zinc
- CitriStim®
- Direct-fed microbial
- Empirical™ NSP enzyme
- Phytase
- DaaFit® S

Note: Starter product does not provide Empirical NSP.

All Flight Ready products noted below are mini-pelleted with the exception of the starter product which is crumbled.

### Flight Ready Game Bird Starter PRM No. 80069AAA

- Designed for starting game birds up to six weeks of age
- Can be fed to waterfowl and upland game birds
- Provides 28% protein and 2.5% fat
- XTRACT® 6930
- DaaFit® S

### Flight Ready Game Bird Conditioner PRM No. 80598AAA

- Designed for game birds from ten weeks of age until flight ready
- Can be fed to waterfowl and upland game birds
- Provides 20% protein and 3% fat
- DaaFit® S

### Flight Ready Game Bird Breeder II PRM No. 80902AAA

- Designed for upland breeder age game birds from one week prior to peak lay to the end of lay
- Provides 20% protein and 5% fat
- DaaFit® S

### Flight Ready Game Bird Grower PRM No. 80844AAA

- Designed for growing game birds from five to ten weeks of age
- Can be fed to waterfowl and upland game birds
- Provides 24% protein and 3.5% fat
- XTRACT® 6930
- DaaFit® S

### Flight Ready Game Bird Conditioner/ Maintenance PRM No. 70723AAA

- Designed for game birds from 15 weeks of age until flight ready
- Can be fed to upland game birds
- Provides 20% protein and 2% fat
- DaaFit® S

### Flight Ready Game Bird Developer PRM 1 No. 70514AAA

- Designed for game birds from ten weeks of age until flight ready
- Can be fed to waterfowl and upland game birds
- Provides 20% protein and 3% fat
- DaaFit® S

### Flight Ready Game Bird Breeder PRM No. 80604AAA

- Designed for upland breeder age game birds from three weeks before lay to the end of lay
- Provides 22% protein and 3% fat
- DaaFit® S

*Provide clean, fresh water at all times.*

*Refer to product labels for feeding directions.*

*Note: 200 grams/ton of BMD is recommended in all quail rations.*

# Unique Components in Flight Ready:

**CitriStim**<sup>®</sup>, an ADM proprietary feed ingredient, is a proven, truly unique whole-cell, inactivated yeast (*Pichia guilliermondii*) product beneficial in the diet for all life stages and classes of game birds. CitriStim may help game birds strengthen their defense against health challenges by supporting and optimizing gut function, gut integrity, and body defense responses.

**Empirical<sup>™</sup> NSP** is a multi-enzyme, non-starch polysaccharide (NSP) that helps enable game birds 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.

**Natural-source vitamin E** protects body tissues from oxidative damage and enhances immune system function. Research shows natural-source vitamin E is more bioavailable compared with synthetic vitamin E. Part of the vitamin E in Flight Ready Game Bird products is natural-source vitamin E.

**Direct fed microbial** helps maintain proper microorganism balance in the gut, leading to more efficient utilization of feedstuffs.

**Complexed (organic) zinc** is more readily available for absorption compared to inorganic sources of zinc. Zinc is important for immunity, reproduction, skin and claw integrity, muscle development, and egg shell quality.

**Phytase** is effective in increasing utilization of phosphorus from plant sources which reduces the amount of supplemental phosphorus needed in the ration and reduces excretion of phosphorus into the environment.

**Daafit<sup>®</sup> S** is a unique blend of lauric acid, glycerol monolaurate, and myristic acid. Research has shown that medium chain fatty acids including glycerol monolaurate could impact a wide range of microbes including various microbes that impacts broilers' health.

## Growth Rate and Feed Consumption

Expected feed consumption = 1 bird for the period referenced.

AGE	EXPECTED AVG. WEIGHT	PERIOD (WEEKS)	EXPECTED FEED CONSUMPTION	AGE	EXPECTED AVG. WEIGHT	PERIOD (WEEKS)	EXPECTED FEED CONSUMPTION
<b>PHEASANTS</b>				<b>DUCKS**†</b>			
3 weeks	0.30 lb	0 - 3	1.0 lb	2 weeks	1.68 lb	0 - 2	2.15 lb
9 weeks	1.35 lb	3 - 9	3.5 lb	4 weeks	4.00 lb	2 - 4	5.10 lb
12 weeks	2.05 lb	9 - 12	3.5 lb	8 weeks	7.50 lb	4 - 8	14.05 lb
Maturity	2.85 lb	12 - 17	6.0 lb	<b>GEESE†</b>			
<b>—OR—</b>				2 weeks	2.0 lb	0 - 2	3.0 lb
5 weeks	0.55 - 0.65 lb*	0 - 5	1.5 - 2.0 lb*	4 weeks	4.8 lb	2 - 4	6.3 lb
10 weeks	1.30 - 1.55 lb*	5 - 10	2.0 - 5.0 lb*	8 weeks	9.9 lb	4 - 8	22.8 lb
Maturity	2.00 - 2.85 lb*	10 - 17	6.0 - 7.5 lb*	12 weeks	12.8 lb	8 - 12	24.0 lb
<b>QUAIL</b>				<b>WILD TURKEYS</b>			
5 weeks	3.7 oz	0 - 5	0.6 lb	3 weeks	0.8 lb	0 - 3	1.3 lb
10 weeks	6.0 oz	5 - 10	1.4 lb	6 weeks	2.8 lb	3 - 6	4.0 lb
Maturity	8.0 oz	10 - 18	1.75 lb	9 weeks	5.4 lb	6 - 9	5.5 lb
<b>CHUKAR</b>				12 weeks	8.2 lb	9 - 12	8.0 lb
5 weeks	5.5 oz	0 - 3	1.0 lb	15 weeks	10.5 lb	12 - 15	8.4 lb
10 weeks	15 oz	3 - 9	3.0 lb	18 weeks	12.2 lb	15 - 18	9.2 lb
Maturity	21 oz	9 - maturity	3.5 lb	21 weeks	13.8 lb	18 - 21	9.8 lb
				24 weeks	15.3 lb	21 - 24	10.6 lb

These are only guidelines. Actual figures could vary with different nutrition, management, health, and environmental conditions.

\*By size

\*\*Duck weight is 85% of expected Pekin weight and feed consumption is 60% of expected Pekin feed intake.

† Variations in weight and feed consumption exist among breeds.

\*Not trademarks of ADM.

Refer to product labels for complete feeding directions and warning/caution statements.



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