Sheboygan County

4H Poultry Project



Washing Chickens Before A Show

Written By Alan Stanford PH.D - www.browneggblueegg.com

Washing birds for a show is easy but takes good preparation and a lot of time. Do not get a bird wet until you have assembled everything you need. Of course, you need things to clean and dry your birds. You will also need a clean place to put your clean birds; don't but them into a dirty coop.

The most important part of washing birds is drying them. Birds are chilled and then get sick more easily than you might imagine. A light breeze on a hot day can be dangerous for a wet chicken. Have a good supply of towels. It takes at least one towel for each bird. You also need a hair dryer.

The second most important part of washing birds is to be gentle. If you are not gentle, you will break feathers; your feathered friend will be stressed when you wash, unless you are gentle. If you are gentle, birds learn to tolerate being washed and to love being blow-dried.

Wash your birds at least two days before the show. Your birds will preen their feathers into place and use their oil gland to restore their sheen. Keep the coops extra clean from just before you wash your birds to when you leave for the show.

Get these before you wash a bird:

- A clean coop
- A warm draft free place to wash and dry your birds
- One towel for each bird
- A hair dryer
- Baby shampoo
- Toothbrush
- Cream rinse (optional)
- Laundry bluing if your birds have white feathers
- Glycerin
- Two tubs, one for washing, one for rinsing (a kitchen sink, laundry tub, or bathtub are good places to wash)

Washing Your Birds

Use warm water. Don't chill or scald your birds.

Wet the entire bird before washing because dry feathers break much more easily than wet feathers. Get your bird wet with water and a little baby shampoo. Without a little shampoo, natural oils make the feathers difficult to get wet.

If you have a feather legged bird, do not pick the manure off the foot feathers. The feathers will break. After your bird has stood in water for 16 minutes you can rinse the manure off those foot feathers.

After the feathers are completely wet, put shampoo on them and gently work it into the feathers. Pay special attention to the feathers around the vent. Gently scrub your bird's feet with a

toothbrush. You can also stroke stained feathers with a toothbrush dipped in baby shampoo. Only stroke in one direction: from the base of the feather towards the tip.

Rinse your bird thoroughly with warm water. Be sure to rinse out all the shampoo. You can use conditioner, it helps rinse out the soap and conditions the feathers. Look for feathers that did not get clean. Add more shampoo and wash the problem areas.

Final Rinse Solution

After rinsing out all the shampoo, you can give a final rinse in glycerin, bluing and warm water. Bluing makes white feathers appear whiter, you don't need bluing if your bird has no white feathers. You can buy glycerin at a drug store, sometimes you have to as the pharmacist because they use glycerin to make lotions. If you add too much bluing, you will have a blue bird. I've seen quite a few. Here's the formula for the rinse water:

- Warm water (not hot, not cold)
- 2 ounces (4 tablespoons) glycerin per gallon of water
- 2 drops bluing per gallon of water

Dip your bird in the warm rinse water. Hold your bird a few seconds, while the water drains. Immediately wrap your bird in a towel; do not leave it uncovered, even on a hot day.

Dry Your Bird Carefully and Thoroughly. You must thoroughly dry your bird. Never leave a wet bird in even a slight breeze, even if it's a hot day.

Wrap you bird in a dry towel and place your bird in a draft free warm place. After 5 minutes, rewrap you bird in a dry section of the towel.

Blow-dry your bird with the hair dryer. Be **VERY** careful with the heat. I have seen birds with blistered chests caused by an enthusiastic novice. Once good safeguard is to always have the palm side of your fingers between your bird and the dryer. My favorite hair drying has a "turbo" button that gives high-speed unheated air. I keep the drying set to medium (NEVER hot). I keep the turbo button pressed about 80% of the time.

If your birds are docile enough, you can line up 4 to 6 of them and blow-dry them together. I give each bird about 10 seconds and rotate around the group.

Wet feathers stay plastered to your bird's body. It helps if you gently lift the wet feathers and separate them while blow-drying. Remember to be gentle. You don't want to break feathers or stress your bird. Be sure your bird is completely dry. Don't let the warmth of the feathers fool you; your bird must be dry.

Final Steps

Put your lean bird into a clean coop. Why not give your friends a little treat like chopped greens, a little grain, a section of winter squash, or that special treat you know they love. Keep the coop clean until you go to the show.

Enjoy the show. Talk to people about your birds and theirs. Corner the judge and learn from him. **Disagree alone. Learn in public!**

Preparing for Showmanship

- 1. Choose a well-feathered, clean and tame bird.
- 2. Practice putting the bird into the cage and taking it out, head first. Make sure you are holding it correctly.
- 3. Work on identifying as many parts as you can on your bird.
- Know your variety, breed, sex and class of your bird (bantam or large fowl also). Example: I am holding a black <u>Cochin bantam pullet</u>. Or: I am holding a <u>white Pekin drake</u>.

5.	The breed of my bird is:	
6.	The variety of my bird is:	·
7.	The sex of my bird is:	

- 8. Do you know a poultry disease? It's cure?
- 9. What is a disqualification or defect that may exist on a bird such as yours?
- 10. What is your bird's diet made up of?
- 11. Name a poultry parasite. Where do you look for them?
- 12. Your **ATTITUDE** and **APPEARANCE MATTER!** Dress in a long sleeved shirt. Be POSITIVE! Do your best.

Entry Day Check List

- 1. Entry Tags Pick up at fair office prior to entry day.
- 2. Paperwork Health papers, signed sale agreement for Class O
- 3. Feed Be sure to bring feed along for your birds
- **4.** Check In Stop at the table prior to putting your birds in cages. We will need your pullorium papers and sale contract if you are in the Blue Ribbon Sale. You can then put your birds in their cages and place the entry tag on the cage.

Poultry Showmanship Score Sheet

-	ime		BEG
Ot	her		JNR
			INT
		П	SNR
Ap	pearance and attitude of Showperson	Scoring	Score
a)	Clean, conventional clothing	5	00010
	Follows instructions of judge. Keeps attention focused on bird		
b)	and judge	5	
c)	Considerate of other exhibitors	5	
_			
	pearance of Bird		
a)	Clean, unbroken feathers	5	
b)	Good body condition (correct size for age and breed)	10	
c)	An outward appearance of good health	10	
d)	Tame and manageable (obvious signs of training at home)	5	
Sh	owmanship		
	Removing and returning bird to cage, carrying bird to judging		
a)	table	10	
	Posing and presenting the bird to judge or transferring to		
b)	another person	10	
	Display and examination of various parts: head, wings, body		
c)	width, feet and legs, and abdominal cavity	10	
1.7			
Kn	owledge of Poultry in general and specifically of bree	d exhibite	d
	ch competitor should be asked at least two questions)		
a)	Give the breed, variety, and sex of your bird	5	
	What was the original purpose of this breed (eggs, meat, dual		
<u>p)</u>	purpose or exhibition)?	5	
<u>c)</u>	How did you prepare your bird for this show?	5	
d)	Explain the type of feed you use.	5	
e)	Other	5	
	TATAL		
	TOTAL	100	
Com	ments:		-
Oom	ments.		



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Common External Parasites in Poultry: Lice and Mites

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Parasites can be detected on the external surfaces of the body by way of a thorough physical examination. Periodical examination of the flock can help to detect an early infestation and can help to prevent a larger flock outbreak. It is important to detect infestations early because of the restrictions on treatments available for food-producing birds. Moreover, many of the parasites have an environmental component so treating the environment is also necessary for controlling infestations. Prevention and early detection are the keys to successful treatment and control of external parasites in poultry flocks. The most common external parasites seen in poultry are lice and mites.

Poultry Lice

Poultry lice are tiny, wingless, 6-legged, flat-bodied, insects with broad, round heads. They lay their eggs on the host bird's feathers, especially near the base of the feather shaft (Figure 1). A female louse will lay 50 to 300 eggs at a time, which she cements to the feather shaft. There are several species of lice that affect poultry, and multiple species can affect a bird at any given time. Some species can be localized on specific locations like the quill lice; or others can be found over most of the body surface like the chicken body lice. The lice found on poultry do not suck blood as the lice found in other species of animals; rather they feed on dry skin scales, feathers, and scabs. However, they will ingest blood extruding from irritated skin. The entire life cycle of the lice occurs on the host bird, primarily in the feathers. Poultry lice are host specific and cannot be transferred to humans.

Fall and winter are the most common times to observe lice infestations. Inspect the ventral region of the bird for live lice crawling on the bird and for nits (lice eggs) as most infestations start in this area of the bird's body. Eggs are white and commonly appear in bunches on the lower feather shaft. Feathers of infested birds may have a moth-eaten appearance. Due to the feather damage, the bird may have a dull or roughened appearance.

Poultry Mites

There are two major types of mites found on the body of poultry. They are the Northern Fowl Mite (or in tropical environ-

ments, the Tropical Fowl Mite) and the Chicken Mite (or Red Roost Mite).

The Northern Fowl Mite is the most common external parasite in poultry, especially in cool weather climates. It sucks blood from all different types of fowl and can live in the temperate regions of the world. As compared to the Chicken Mite, the Northern Fowl Mite primarily remains on the host for its entire life cycle. These mites can live off the host bird for 2 to 3 weeks. These mites are small and black or brown in color, have 8 legs, and are commonly spread through bird-to-bird contact. The Tropical Fowl Mite is comparable to the Northern Fowl Mite but lives in the tropical regions.

The Chicken Mite is a nocturnal mite that is primarily a warm weather pest. These mites suck the blood from the birds at night

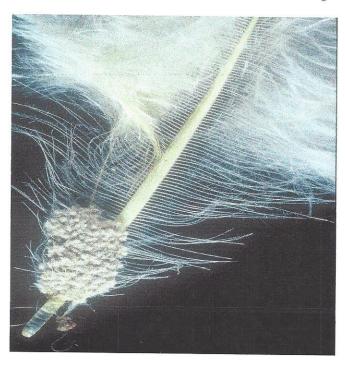


Figure 1. Lice eggs at the base of the feather shaft

and then hide in the cracks and crevices of the houses during the day. Chicken Mites are dark brown or black, much like the Northern Fowl Mite.

The life cycle of mites can be as little as 10 days, which allows for a quick turnover and heavy infestations. Mites can be transferred between flocks by crates, clothing, and wild birds. Mites are capable of living in the environment and off the host bird for a period of time. Diagnoses of mite infestations are similar to that of lice; however since mites can live off the bird and some are nocturnal, inspect birds and housing facilities at night especially if you suspect that the Chicken Mite is the cause of the infestation. Observable signs may include darkening of the feathers on white feathered birds due to mite feces; scabbing of the skin near the vent; mite eggs on the fluff feathers and along the feather shaft (Figure 2); or congregations of mites around the vent, ventral abdomen, tail, or throat. Since mites congregate around the ventral region, they can also reduce a rooster's ability of successful matings.

Flock Symptoms

Flocks infested with lice or mites show similar general symptoms. Birds will have decreased egg production; decreased weight gain; decreased carcass-grading quality; increased disease sus-



Figure 2. Mites and eggs along the feather shaft.

ceptibility; and decreased food intake. If any of these generalized symptoms are observed, a visual evaluation is recommended. Inspect birds around the ventral region for signs of lice or mites since infestations usually start in this area of the bird.

Treatments

Sanitation and cleanliness are the keys to lice and mite control. Sanitation includes cleaning and disinfecting housing facilities and equipment between flocks. Moreover, reducing people traffic through housing facilities is recommended. Eliminating the contact between flocks and wild birds can reduce the potential transfer of external parasites. Chemical control can include the use of carbaryl (Sevin®). Treat the walls, floors, roosts, nest boxes, and the birds simultaneously. When dusting an entire house, be careful to avoid feed contamination. One treatment method for small flocks or individual birds is the use of a dusting bath with Sevin®. Place the bird into a garbage bag containing the medicated powder with the birds' head out and rotate/shake the bag to completely cover the bird with powder. Be sure not to inhale the medicated powder during treatments. The use of a facial mask is recommended to prevent inhaling this medicated powder. Because the life cycle of lice and mites is. approximately 2 weeks, treatments should be repeated every 2 weeks as needed. Carefully read all labels prior to treatment to make sure withdrawal times are followed for food-producing poultry. Severe lice or mite infestations can be treated initially with a kitten strength dose of a pyrethrin-based medicated spray on the birds to reduce the initial numbers. If problems persist, contact a veterinarian for treatment with such medications as Ivermectin®. Prevention is the best method of treatment. For poultry used in exhibition or for new poultry entering the flock, a minimum quarantine period of 2 weeks is recommended. During this time birds should be physically examined and treated if necessary.

Table 1. Comparison chart to distinguish between lice and mites.

	Lice	Mites
Size	2-3 millimeters long	1 millimeter diameter (ground pepper
Speed	Fast-moving	Slow-moving
Color	Straw-colored (light brown)	Dark reddish black
Egg location	Base of feather shaft	Along feather shaft
Egg color	White	White or off-white
Best detection time	Daytime	Nighttime or Daytime
Location	Lives only on host	Lives on host and in environment

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Keith L. Smith, Associate Vice President for Agricultural Administration and Director, OSU Extension



EXTERNAL SYMPTOMS FOR DIAGNOSING POULTRY DISEASES

BODY

Symptom

Possible Cause

Emaciation...

Off-feed; nutritional deficiencies; lymphoid leukosis; enteritis;

gizzard impaction; tuberculosis; unknown

Stunted, uneven growth....

Gizzard impaction; bluecomb disease; alfatoxin poisoning;

synovitis; contaminated hatching egg

Swellings...

Ruptured air sac; edema

Twitching, muscular spasm...

Botulism; infectious bursal disease

Trembling...

Epidemic tremors; encephalitis (brain damage)

Paralysis...

Botulism; Marek's disease; arthritis; aflatoxin poisoning; epidemic

tremor

Dehydration...

Acute lack of water; coccidiosis; infectious bursal disease;

nutritional imbalance-dietary salts

Nervousness...

Hysteria; drug intoxication; Newcastle; fungus infection

Lying on breast, legs paralyzed...

Algae poisoning; acute lack of water; yellow jasmine poisoning;

botulism; drug toxicity

FEATHERS

Symptom

Possible Cause

Moist under wing...

Infectious coryza

Loss of...

Molting

Deposits at base of shafts...

Lice or mite eggs

Soiled hackle feathers...

<u>Infectious coryza</u>, eye infection

Feathers picked...

Lice; nutritional deficiency-methionine; birds not debeaked

Depigmented...

Nutritional deficiencies-lysine, iron or folic acid

Broken on upper thigh...

Self picking

Feather eating...

Nutritional deficiency-methionine

Skin

Symptom Possible Cause

Pigmentation excessive ... Poor production; high pigment intake

Nodules, mainly legs... <u>Marek's disease</u>

Nodules over vent... Flukes (rare)

Moist, necrotic, edematous... Necrotic dermatitis, exudative diathesis

Darkened, purplish... Erysipelas; fowl cholera

Crusted areas... Erysipelas; scab; gangrenous dermatitis
Scabby hip... Self picking, inflicted by other birds

Gangrenous, green... Hemmorhage; arthritis; gangrenous dermatitis

Vent irritated... Northern fowl mite; lice (occasionally)

Pale... Anemia; nutritional deficiencies-iron, copper, or vitamin B₁₂

Head

Symptom Possible Cause

Swollen, puffy... Ruptured air sac; <u>infectious coryza</u>; injury; <u>Newcastle disease</u>

Comb

Symptom Possible Cause

Mottled, red and white margins... Frozen Eruptions, nodules... Fowl pox

White, scaly, powdery... Favus

Eyes

<u>Symptom</u> <u>Possible Cause</u>

Watery... Infectious coryza

Blindness... Fowl pox; aspergillosis; Arizona paracolon; paratyphoid

Watery, red, inflamed, closed... Laryngotracheitis; ammonia burn; Newcastle disease; nutritional

deficiency-vitamin A

Cataracts... Epidemic tremor

Crusts on eye lids... Nutritional deficiency-vitamin A; fowl pox

Pupil irregular, blindness... <u>Marek's disease</u>
Blood in eye... Hemorrhagic anemia

Large, swollen... Mycoplasma infection

Face

<u>Symptom</u> <u>Possible Cause</u>

Infectious coryza; Newcastle disease; nutritional deficiency-Swollen...

vitamin A; E. coli

Darkened, purplish... Erysipelas; fowl cholera; septicemia; injury

Nodules... Fowl pox

Nostrils

Symptom Possible Cause

Infectious coryza; chronic respiratory disease; infectious Discharge...

bronchitis; influenza

Mouth

Nutritional deficiency-vitamin A

Symptom Possible Cause Pustules...

Crusts at margins... Nutritional deficiencies-pantothenic acid or biotin

Nutritional deficiencies-vitamin D or calcium-phosphorus Beak soft, rubbery...

imbalances

White coat over tongue and in Wet form of fowl pox

mouth...

Ulcers... Mycotoxins; chemical injury

Wattles

Symptom Possible Cause

Swollen, bulbous... Infectious coryza; fowl cholera

Nodules... Fowl pox

Neck

Symptom Possible Cause Paralysis (limber neck)... Botulism; yellow jasmine poisoning

Newcastle disease; fowl cholera; brain infection; improper Twisting...

injection of Marek's vaccine

Retracted over back... Newcastle disease; nutritional deficiency-thiamin Retracted under breast... Nutritional deficency-vitamin E; Newcastle disease

Scabby necrotic areas... Improper injection of drugs; other injury

Legs

Symptom Possible Cause

Marek's disease; botulism; heat stoke; epidemic tremor; cage layer Paralysis... fatigue; vitamin E deficiency; algae poisoning; yellow jasmine

poisoning; acute lack of water

Rough, scaly...

Fowl pox; scaly leg mite

Bowed, weak...

Nutritional deficiency-vitamin D; osteodystrophy

Bone bends...

Nutritional deficiency-vitamin D

Joint swelling...

Infectious synovitis; paratyphoid; pullorum; zinc deficiency;

staphylococcosis; tenosynovitis; arthritis

Tendon at hock displaced...

Perosis (nutritional deficiency-manganese or choline)

Stilted gait...

Tenosynovitis

Shank depigmented...

Nutritional deficiency-vitamin A; coccidiosis; any low grade slow

disease (for any length of time)

Toes twisted...

Genetic

Feet

Symptom

Possible Cause

Joints fixed...

Tenosynovitis

Swollen foot pad...

Infectious synovitis; bumblefoot

Toes curled...

Nutritional deficiency-riboflavin; genetic; management deficiency

Foot pad cracked, dermatitis...

Nutritional deficiency-biotin or pantothenic acid; management

deficiency

Bird walks on toes...

Tenosynovitis

Toes twisted...

Genetic

Droppings

Symptom

Possible Cause

Profuse...

Enteritis; excess roughage in diet

Bloody...

Cecal coccidiosis; Newcastle disease

Green...

Feed intake low; bile not diluted

Sulfur yellow...

Blackhead

Light yellow or yellowish-green... Fowl typhoid; fowl cholera

Foamy...

Intestinal parasites (protozoa)

Egg Production

Symptom

Possible Cause

Sudden severe drop ...

Newcastle disease; infectious bronchitis; laryngotracheitis; influenza-A, mycotoxin, mismanagement (no lights, feed, or

water)

Unsatisfactory...

Infectious coryza; fowl cholera; chronic respiratory diseases; diet deficiencies; gizzard impaction; fowl pox; hepatitis; lice; mites;

<u>ascarids</u>; <u>capillaria</u>; <u>lymphoid leukosis</u>; <u>coccidiosis</u>; <u>enteritis</u>; <u>pullorum</u>; fowl typhoid; <u>aflatoxicosis</u>; adenovirus infection; toxins

Egg wrinkled, depigmented...

Necrotic enteritis; infectious bronchitis

Production pause...

Epidemic tremor

Poor shell quality...

signs...

diseases...

Newcastle disease; infectious bronchitis; adenovirus infection; diet

deficiency; T-2 fusariotoxin

Death

liver hemorrhagic syndrome

<u>Symptom</u>

Instant, few or no prior

Aortic rupture; acute lack of water; fowl cholera; overheated, fatty

High mortality-producing

Fowl cholera; erysipelas; exotic Newcastle disease; acute coccidiosis; aflatoxin; botulism; poison; fatty liver hemorrhagic

syndrome

Mississippi State University

For information about this page, contact <u>Sharon Whitmarsh</u>. For information about Mississippi State University, contact <u>msuinfo@ur.msstate.edu</u>.

URL: http://www.msstate.edu/dept/poultry/diagext.htm

Following Nutritional Information provided by Kettle Lakes Cooperative

Tips for Caring for Chicks

- -Provide warm, dry housing without drafts (such as a cardboard box). Line bottom with newspaper and wood shavings if desired (2-5" deep).
- -Keep day old chicks at 90-95 degrees F. Use a heat lamp approximately 20" above the chicks. Place a thermometer at chick level. If chicks huddle under the light; it's too cold. If chicks huddle in corners, it's to hot. Reduce 5 degrees F each week until a minimum of 65 degrees F.
- -Space Requirements for Chicks:
 - -Hatch to 6 weeks-0.8 to 1.0 ft² per chick
 - -6 weeks and older-1.0 to 2.0 ft² per chick
- -Space Requirement for Mature Turkeys:
 - -4.0 to 5.0 ft²
- -Space Requirement for Layers
 - -2.5 to 3.5 ft²
 - -Provide nesting boxes for birds by 18-20 weeks of age.
- -Provide fresh, cool (not cold!) water at all times. Dip each chick's beak in the water to encourage drinking.
- -Keep feeders full at all times; be sure feed is dry and mold free. Clean feeders on a regular basis. Provide 1 foot of feeder space for every 25 chicks. Provide 3 feet of feeder space for 25 adult chickens, ducks and geese. Provide 8.5 feet of feeder space for 25 adult turkeys.
- -Feed Recommendations:
 - -Egg Laying Chicks-Feed Start & Grow MP or HG Duck, Goose & Chick Grower until 18-20 weeks of age. At that time switch to Layena.
 - -Broiler Chicks (meat)-Feed Start & Grow MP from start to finish.
 - -<u>Ducks/Geese</u>: Feed Flock Raiser or HG Duck, Goose & Chick Grower from hatch on. These birds DO NOT need medication.
 - -<u>Turkeys</u>: Feed HG Turkey/Pheasant Starter 30% AMP up to 8 weeks of age. Switch to Purina Turkey Grower from 8 weeks to finish.

Medicated feeds are generally recommended for chickens and turkeys for coccidiosis control.

*Check out www.purinasunfreshrecipe.com for more information.

Feeding Your Birds

- Water is the most important nutrient!!!
- * Lack of water decreases feed intake.
- Water is a major component of blood, it removes waste products, carries nutrients, cools the body.
- Water intake should be 2 times the feed intake amount.



Nutrients



- Carbohydrates
- Make up the biggest share of the poultry diet.
- CHOs provide energy in the form of starch.
- # Fate
 - Highest energy feeds-2.25 times the energy in CHOs.
 - Addition of fat increases the palatability and physical consistency of feed.

Nutrients

- Proteins
 - Made up of amino acid chains.
 - · Proteins make up body tissues.
 - · Protein quality and source are important.
- Minerals & Vitamins
 - Often added to grains to balance ration.
 - The right balance is required for vitamins and minerals to be effective.

Nutrients

- Vitamins
 - Vit. A-digestive, reproductive, respiratory tract
 - Vit. D-Bone formation, Ca & P metabolism
 - B Vit.--Energy Metabolism
- Minerals
 - · Eggshell, bones, blood cell formation

Selecting Feed

- * A balanced ration is the key!
- Know what type of bird you are raising.
 - Finisher/Layer
 - · Age of Bird
 - Kind of Bird
- Change the feed depending on growth stage.



Selecting Feed

- * Feed is an investment!!!
 - 70% of the cost of poultry production is feed.
 - · Cheapest is not best--you get what you pay for!
- * Purchase feed from a reputable dealer.
- Keep feed cool and dry to maintain freshness.

Selecting Feed

- The better the nutrition provided, the more likely an animal will meet its genetic potential.
- An animal's confirmation is influenced 90% by genetics and 10% by nutrition.



KLC Poultry Program

- Meat Birds (Broilers)
 - Feed Purina Start & Grow from Day 1 to 4 weeks
 - Feed Purina Start & Grow or Flock Raiser from 4 weeks to market.





KLC Poultry Program

- Layer Birds
 - · Purina Start & Grow from day 1-week 18
 - Purina Layena from 18 weeks on





Ducks & Geese

- Day 1 to market-Honor Duck, Goose, & Chick Starter/Grower
- " Or.
- Purina Flock Raiser Pellet NonMed





Turkeys

- Honor Turkey/Pheasant Starter—Day 1 to 8 weeks
- Purina Turkey Grower—8 weeks to market



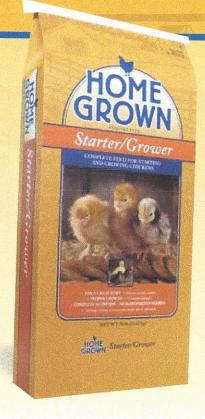
HOME GROWN

POULTRYFEED

Meat Bird Starter/Grower 23% Amp .0175%

Home Grown[™] Meat Bird Starter/Grower 23% AMP .0175% is a versatile complete feed suitable for growing broiler type chickens, capon, and roasters. It is also a great complete feed for turkeys beyond eight weeks of age. This product can be followed by Home Grown[™] 20% Starter/Grower in an efficient feeding program.

From starting chicks to growing market birds and laying hens, you can trust Home GrownTM poultry feeds to provide proper nutrition for the overall health of your flock. We want to play a vital role in your flock's well-being at every life stage. With Home GrownTM poultry feeds, your flock's nutrition is our top priority.



E1: 15256 - Bag 15257 - Bulk

FEATURES

- Contains proper levels of energy, protein (amino acids), vitamins, and minerals
- Versatile
- · Complete feed
- · Crumble form
- · Contains medication Amprolium .0175%

BENEFITS

- Ideal ration for broilers (meat type) chickens.
 May be fed from day one to market.
- May be used in production of turkeys and pheasants for meat.
- · No mixing required.
- Improved growth, feed utilization, and reduced waste. Works best in self feeders.
- Aids in the prevention of coccidiosis.

GUARANTEED ANALYSIS

Crude Protein, min	%
Lysine, min 1.20	%
Methionine, min	%
Crude Fat, min4.00	%
Crude Fiber, max3.50	%
Calcium (Ca), min	%
Calcium (Ca), max1.49	
Phosphorus (P), min 0.756	
Salt (NaCl), min	1/0
Salt (NaCl), max	

FEEDING DIRECTIONS

BROILER CHICKENS: Feed HOME GROWNTM STARTER/GROWER 23% AMP .0175% to chickens as the sole ration continuously from 1 day of age until 3 weeks of age (21 days). At 3 weeks of age (22 days), change to HOME GROWNTM STARTER/GROWER 20%. Alternatively HOME GROWNTM STARTER/GROWER 23% AMP .0175% may be fed to broiler chickens as the sole ration from day-old until market. Provide fresh clean water at all times.

TURKEYS/PHEASANTS: HOME GROWN™ STARTER/GROWER 23% AMP .0175% is the second feed in a three-feed program to grow meat turkeys and pheasants to market or maturity; viz., HOME GROWN™ TURKEY/PHEASANT STARTER 30% (0-8 wks.), HOME GROWN™ STARTER/GROWER 23% (8-12 wks.), HOME GROWN™ STARTER/GROWER 20 (16-20 wks.). Provide fresh, clean water at all times.

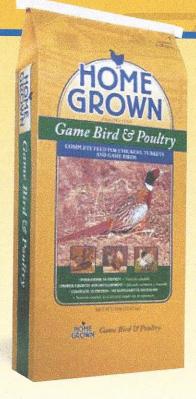
HOME GROWN

POULTRYFEED

Finisher 20%

Home GrownTM Finisher 20% is a versatile complete feed suitable for finishing meat-type broiler chickens, turkeys and pheasants. It is also a great complete feed for starting future laying chickens.

From starting chicks to growing market birds and laying hens, you can trust Home GrownTM poultry feeds to provide proper nutrition for the overall health of your flock. We want to play a vital role in your flock's wellbeing at every life stage. With Home GrownTM poultry feeds, your flock's nutrition is our top priority.



E1: 15215 - Amp-Med - Bulk 15216 - Non-Med - Crumble 15214 - Amp .0175 - Crumble

FEATURES

- Contains proper levels of energy, protein (amino acids), vitamins, and minerals
- Versatile formula
- · Nutritionally complete feed
- · Crumble form
- Medication Option Amprolium .0175%

BENEFITS

- Ideal growing /finishing ration for broilers, (meattype chickens). Start feeding at 3 weeks of age.
- May be used in production of turkeys and pheasants for meat. May also be fed from day one to five weeks as a starting feed for layer type chickens.
- · No supplementation required.
- Improved growth, feed utilization, and reduced feed waste. Works best in self-feeders.
- Aids in the prevention of coccidiosis.

GUARANTEED ANALYSIS

Crude Protein, min. 20.0% Lysine, min. 0.95% Methionine, min. 0.35% Crude Fat, min. 4.0% Crude Fiber, max. 3.5% Calcium (Ca), min. 0.75% Calcium (Ca), max. 1.25% Phosphorus (P), min. 0.60% Salt (NaCl), min. 0.25% Salt (NaCl), max. 0.75%

FEEDING DIRECTIONS

BROILER CHICKENS: Feed HOME GROWN FINISHER 20% to chickens as the sole ration continuously from 3 weeks of age (22 days) until market.

TURKEYS: HOME GROWN™ FINISHER 20% is the third feed in a three-feed program to grow turkeys to maturity; viz., HOME GROWN™ TURKEY/PHEASANT STARTER 30% (0-8 wks.), HOME GROWN™ STARTER/GROWER 23% (8-12 wks.), HOME GROWN™ FINISHER 20% (12-16 wks).

PHEASANTS: HOME GROWN™ FINISHER 20% is the third feed in a three-feed program to grow pheasants for meat; viz., HOME GROWN™ TURKEY/PHEASANT STARTER 30% (0-8 wks.) HOME GROWN™ STARTER/GROWER 23% (8-12 wks.) and HOME GROWN™ FINISHER 20% (12-16 wks.)

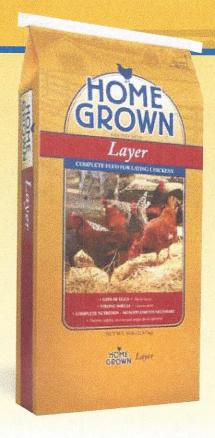
HOME GROWN

POULTRYFEED

Layer 18%

Home GrownTM Layer 18% is a versatile complete feed suitable for laying chickens, ducks and geese. Home GrownTM Layer 18% will help your birds produce lots of eggs with strong shells.

From starting chicks to growing market birds and laying hens, you can trust Home GrownTM poultry feeds to provide proper nutrition for the overall health of your flock. We want to play a vital role in your flock's wellbeing at every life stage. With Home GrownTM poultry feeds, your flock's nutrition is our top priority.



E1: 15237 - Crumble 15239 - Pellet 15238 - Crumble Bulk

FEATURES

- Specifically formulated for laying chickens.
 Contains proper levels of energy, protein (amino acids), vitamins and minerals
- Contains proper level of calcium
- · Available in either pellet or crumble form

BENEFITS

- · Lots of eggs.
- Strong shells.
- For production of sound eggshells. No additional calcium supplement is required.
- · No supplementation required.

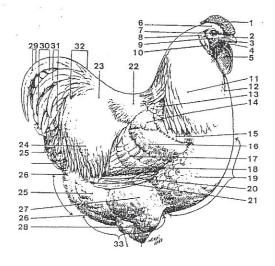
GUARANTEED ANALYSIS

Crude Protein, min	18.0%
Lysine, min	
Methionine, min	
Crude Fat, min	
Crude Fiber, max	5.5%
Calcium (Ca), min	3.7%
Calcium (Ca), max	
Phosphorus (P), min	
Salt (NaCl), min	0.10%
Salt (NaCl), max	

FEEDING DIRECTIONS

Feed as the sole ration to laying hens from onset of egg production (chickens: 18-20 weeks of age, ducks: 20-24 weeks of age). May be used during the entire production cycle. Do not provide additional grain or free-choice calcium source.

Provide fresh, clean water at all times.



17 16-18

Figure 3 NOMENCLATURE OF MALE

1. Comb 18. Secondaries of Wing Bay 2. Upper Mandible or Beak 19. Breast 3. Lower Mandible or Beak 20. Primary Coverts 4. Throat 5. Wattle 6. Skull 7. Eye 21. Primaries 22. Back 23. Upper Saddle 24. Lower Saddle 25. Rear Body Feathers 26. Fluff or Stern 8. Ear 9. Face 10. Earlobe 11. Hackle 27. Lower Thigh Feathers 28. Hock Plumage 29. Main Sickles 12. Front of Neck Plumage 13. Cape 30. Mail Tail 14. Shoulder 31. Lesser Sickles 15. Wing Front 16. Wing Bow 17. Wing Coverts or Wing Bars 32. Tail Coverts 33. Abdomen

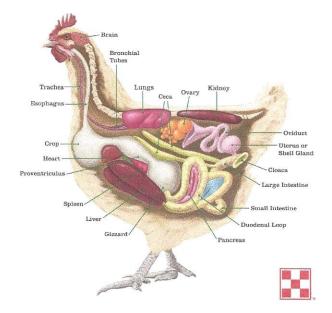
1. Skull 17. Wing Front 2. Eye 3. Ear 18. Wing Covert or Wing Bar 19. Secondaries or Wing Bay 4. Face 20. Primaries 21. Primary Coverts 22. Back 5. Earlobe 6. Comb 7. Nostril 23. Sweep of back 8. Beak 9. Wattle 10. Throat 24. Cushion 25. Main Tail 26. Tall Coverts 27. Rear Body Feathers 11. Hackle 12. Front of Neck Plumage 28. Fluff or Stern 13. Breast 14. Cape 15. Shoulder 29. Lower Thigh Plumage 30. Hock Plumage

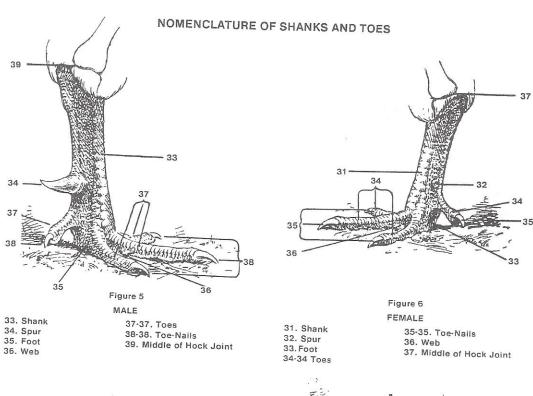
16. Wing Bow

31. Abdomen

Figure 4

NOMENCLATURE OF FEMALE





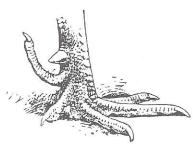
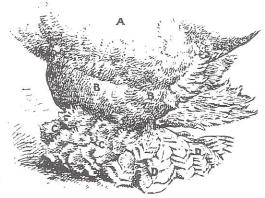
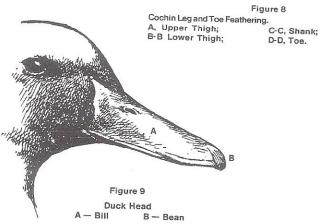


Figure 7
Illustration showing fifth toe in five-toe breeds.





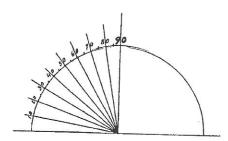


Figure 10
Diagram Showing Degrees
above Horizontal

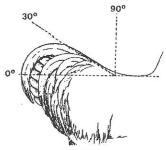


Figure 11 Measuring Tail Angles

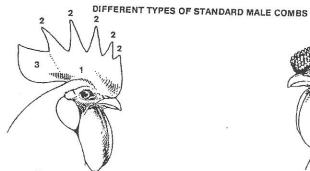


Figure 12
Single Comb

1, Base; 2, Point; 3, Blade.
For ideal types see illustrations of breeds and varieties.

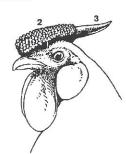


Figure 13
Rose Comb
1, Base; 2, Rounded Points;
3, Spike.
For ideal types see illustrations of breeds and varieties.

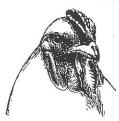


Figure 14 Pea Comb For ideal types see illustrations of breeds and varieties.



Figure 15 Sultans Head, Male (Ideal) 1-1, V-shaped Comb; 2, Crest; 3, Muffs; 4, Beard.



Figure 16 Cushion-Comb (Ideal)



Figure 17 Buttercup Comb (Ideal)



Figure 18 Strawberry Comb (Ideal)



Figure 19 Rose Comb Standard type as in Wyandotte males.



Figure 20 Single Comb Front view, medium size, male comb. Showing strong base, firm and even position on head.



Figure 21
Single Comb
Standard type as in Plymouth
Rock males.



Figure 22
Cross section of bony structure of head as in Polish. Houdan and Crevecouer, showing beak, cavernous nostrils and knob.



Figure 23
Undesirable Type of
Single Comb.
Head, narrow, shallow,
over-refined.
(Crow Head)



Figure 24
Duck-Foot (A Disqualification)



Figure 25
Showing Face Section
(Any positive enamel white
in this Section disqualifies
Mediterranean cockerels
and pullets except White
Faced Black Spanish.)



Figure 26 Sections of a feather.



Figure 27 Lopped Rose Comb (A Disqualification)



Figure 28 Lopped Single Comb (A Disqualification)



Figure 30
One Form of Side Sprigs.
(A Disqualification)

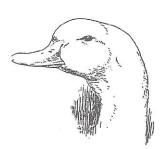


Figure 29 Head of Duck Showing Scoop-Bill (A Disqualification)

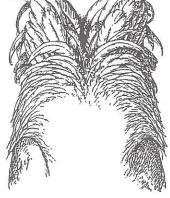


Figure 32
Split Tail.
Abnormal or sub-normal feather
development.
In young birds a defect — in old birds a
disqualification.



Figure 31
Split Comb
Showing the tendency of the blade to divide perpendicularly.

(A Disqualification)



Figure 33 Split Wing. (A Disqualification)



Figure 35 Slipped Wing and Twisted Feather. (Disqualifications)



Figure 37
Parts of Wing
1, Front. 2, Bow. 3, Bar.
4, Secondary. 5, Primaries.
6, Primary Coverts.
7, Wing Shoulder.

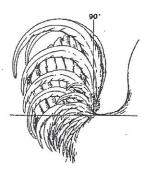


Figure 34 Squirrel Tail. (A Disqualification except in Japanese Bantams)



Figure 36
Vulture Hocks
(As shown, a Disqualification, except in Sultans and some breeds of feather legged Bantams.)



Figure 38 Wry Tall, (A Disqualification)



Figure 42

Comb, coarse; Wattles, coarse and wrinkled; Lobes, too loosely-fitted.



Figure 43
Thumb Marks in Comb,
Rear Turning to One
Side.
(Defects.)



Figure 44
Faults of Head and Adjuncts:
Twisted Comb in front.
Irreg. Serration of Comb.
Coarse, Wrinkled Wattles. Loosely-Fitted
Lobes.



Figure 45
Mossy (Defective)
Feather Occurs
most often in
Laced Varieties.

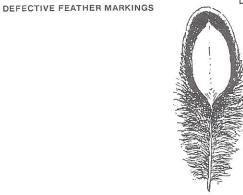


Figure 46
Frosting (A Defect). Faulty in Laced Varieties.



Figure 47
Splashed Feather.
(A Defect.)
Occurs in
Spangled and
Mottled Varieties.

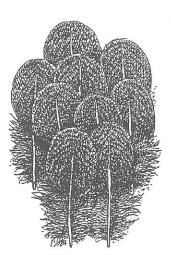


Figure 48
One Form of Shafting.
(A Defect.)
Occurs in Stippled Varieties.



Figure 49
Mealy (Defective)
Feather.
Occurs in Red
and Buff Varieties.

DIFFERENT TYPES OF STANDARD FEATHER PATTERNS

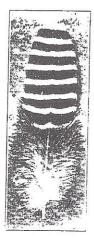


Figure 50
A Penciled Feather.
(Parallel Form.)
Example: Silver Penciled
Hamburgs.

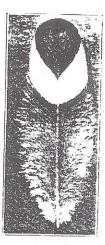


Figure 51 A Spangled Feather. Example: Silver Spangled Hamburgs.

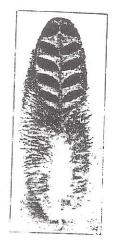


Figure 52
A Feather with Elongated, Diagonal Spangles.
(Buttercups.)

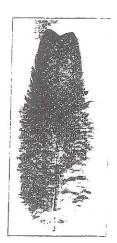


Figure 53 A Mottled Feather. Example: Anconas

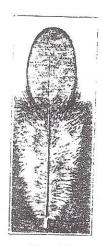


Figure 54
Laced Feather.
Examples:
Blue Varieties

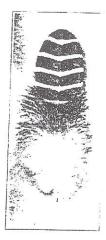


Figure 55
Barring, Slightly
V-shaped.
Example: Silver
Campines.



Figure 56 A Stippled Feather. Example: Brown Leghorn females

DIFFERENT TYPES OF STANDARD FEATHER PATTERNS

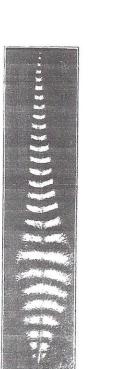


Figure 57
Barring, at right angle with length of feather.
Feather of Male.
Example: Barred Plymouth Rocks.

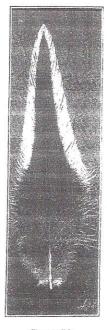


Figure 58
A Striped Feather.
Male Hackles.
Silver Penciled
Wyandottes.



Figure 59
A Striped Feather.
with DiamondShaped Center.
(Saddles of
Silver Laced
Wyandottes)



Figure 60
A Feather Tipped with a Spangle. (Speckled Sussex)



Figure 61
A Penciled
Feather.
Example: SilverPenciled Wyandottes.

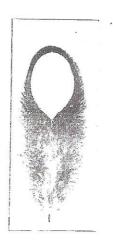
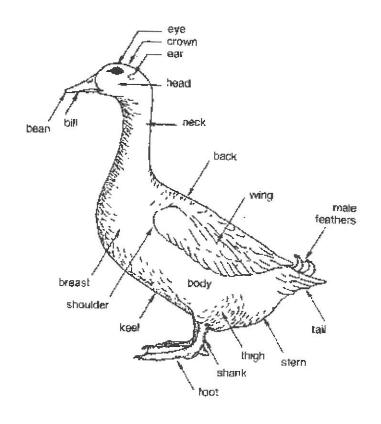
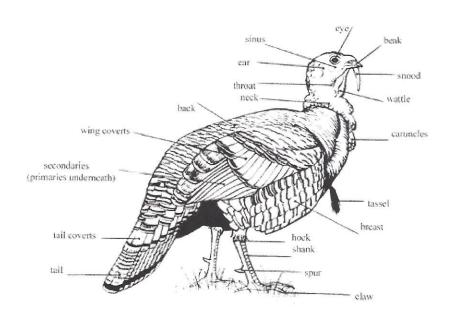


Figure 62
Laced Feather
(Silver)
Examples:
Silver-Laced
Wyandottes.



Figure 63
Feather Tipped
with Spangle.
(Speckled Sussex)





Large Breed Chicken Classes

AMERICAN CLASS

Plymouth Rocks, Dominique's, Wyandotte's, Javas, Rhode Island Reds, Rhode Island Whites, Buckeyes, Chanteclers, Jersey Giants, Lamonas, New Hampshire's, Hollands and Delawares.

ASIATIC CLASS

Cochins, Langshans, Brahmas

ENGLISH CLASS

Dorkings, Redcaps, Cornish, Orpingtons, Sussex, Australorps

MEDITERRANEAN CLASS

Leghorns, Minocras, Spanish, Andalusians, Ancona, Sicilian Buttercups, Catalanas

CONTINENTAL CLASS

Hamburgs, Campines, Lakenvelders, Polish, Houdans, Crevecoeurs, La Fleche, Faverolles, Welsummers and Barnevelders

ALL OTHER STANDARD BREEDS

Modern Game, Old English Games, Sumatras, Malays, Cubalayas, Phoenix, Yokohamas, Aseels, Shamos, Sultans, Frizzles, Naked Necks, Araucanas, Ameraucanas

Bantams Breed Classes

GAME BANTAMS

Modern Game and Old English Game

SINGLE COMB CLEAN LEGGED BANTAMS

Anconas, Andalusians, Australorps, Campines, Catalanas, Delawares, Dorkings, Dutch, Frizzles, Hollands, Japanese, Javas, Jersey Giants, Lakenvelders, Lamonas, Leghorns, Minorcas, Naked Necks, New Hampshires, Orpingtons, Phoenix, Plymouth Rocks, Rhode Island Reds, Spanish, Sussex,

ROSECOMB CLEAN LEGGED BANTAMS

Anconas, Antwerp Belgians {D'anvers} Dominiques, Dorkings, Hamburgs, Leghorns, Minorcas, Redcaps, Rhode Island Reds, Rhode Island Whites, Rosecombs, Sebrights, Wyandottes

ALL OTHER CLEAN LEGGED BANTAMS

Ameraucana, Araucana, Buckeye, Chanteclers, Cornish, Crevecoeurs, Cubalayas, Houdans, La Fleche, Malays, Polish, Shamos, Sicilian Buttercups, Sumatras, Yokohamas

FEATHERED LEGGED BANTAMS

Booted, Brahmas, Cochins, d'Uccle Faverolles, Frizzles, Langshans, Silkies, Sultans

Duck Classes

HEAVY WEIGHT CLASS

Pekin, Aylesbury, Rouen, Muscovy, Appleyard, Saxony

MEDIUM WEIGHT CLASS

Cayuga, Crested, Swedish, Buff

LIGHT WEIGHT CLASS

Runner, Campbell, Magpie, Welsh Harlequins,

BANTAM DUCK CLASS

Call, East Indies, Mallards

Geese Classes

HEAVY CLASS

Toulouse, Embden, African

MEDIUM CLASS

Sebastopol, Pilgrim, American Buff, Saddleback Pomeranian

LIGHT CLASS

Chinese, Tufted Roman, Canada, Egyptian

Turkey Classes

Bronze, Narragansett, White Holland, Black, Slate, Bourbon Red, Beltsville Small White, Royal Palm

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ah-poult-2721 (doc 10/06)



Wisconsin Department of Agriculture, Trade and Consumer Protection Division of Animal Health, Bureau of Animal Disease Control 2811 Agriculture Drive, PO Box 8911, Madison, WI 53708-8911 Phone: (608) 224-4872

Wisconsin Individual Poultry Test Report (s. ATCP 10.40 (1) (d), Wis. Adm. Code) (For use in testing individual birds for *Salmonella pullorum* and *Mycoplasma gallisepticum* for movement, sale or exhibition.) Use this form for testing birds from flocks **not** in any of the following programs: Wisconsin Tested Flock, Wisconsin

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Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04(1)(m)Wis. Stats.). Distribution of this 3 ply form: Original - Mail to WDATCP-DAH Pink - Flock Owner

Yellow - Tester

Exhibitor Name Address: City, State, Zip: Phone: Parent's Name:	Blue Ribbon S	Doultry County 4H & FF, mall Animal Auc	A stion
Address: City, State, Zip: Phone:	Blue Ribbon S	County 4H & FF mall Animal Aud	A etion
Address: City, State, Zip: Phone:	Blue Ribbon S	County 4H & FF. mall Animal Aud	A etion
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	Animal Pur	chase Contract	
Buyer:			
Company:			
Address:			
Address: City, State, Zip: Phone:			



SHEBOYGAN COUNTY Blue Ribbon Small Animal Auction

5 University Drive - Sheboygan, WI 53081 920-459-5903

SALES AGREEMENT

I, and my parent/guardian, have read the rules for the Blue Ribbon Small Animal Auction. If I decide to enter an animal in the sale, I understand and agree to the said rules. I also understand the Blue Ribbon Small Animal Sale Committee has the right to make all final decisions.

This signed form must be returned **no later** than Wednesday, Fair entry day, to a superintendent.

Exhibitor Nan	ne:		
	(Please Print)		
Exhibitor Sigr	nature:		
Parent/Guard	lian Signature:	- Paris	
Date:			