

## Poultry Diseases / Parasites

<u>DISEASE</u>	<u>Symptoms</u>	<u>Transmission</u>	<u>Treatment</u>
Avian Influenza (all poultry)	usually no symptoms, (sometimes respiratory problems); sudden death	viral; transmission from wild birds (esp water fowl), bird droppings, bird to bird	eradication (to prevent, practice strict biosecurity measures)
Blackhead (all poultry)	decreased appetite, increased thirst, droopiness, diarrhea, darkening of the head	protozoan parasites in worms; birds eat infected worms or soil that contains it	sanitation, medication
Blue Comb or Turkey Coronavirus (turkeys)	low appetite, lethargy, diarrhea, death	Viral; bird droppings	eradication (to prevent, keep birds warm/dry)
Bumblefoot (all poultry)	hot swollen footpads, black or brown scabs on bottom of foot	bacterial; enters the foot through a cut or scrape in skin then walking on dirty wet bedding	sanitation, medication
Botulism (all poultry)	weakness, limp neck muscles, paralysis, death	bacterial; consumption of decaying matter like old, wet food or decaying food scraps	clean/disinfect water & food bowls regularly, remove rotten food, feed only clean, dry food
Coccidiosis (all poultry)	pale droopy birds, diarrhea, huddling, foul odor	protozoan parasites; contact with droppings	sanitation, medication
Duck Virus Enteritis or Duck Plague (ducks)	diarrhea, thirst, hemorrhages throughout body, death	bird to bird, contaminated water/food, infected litter	vaccination
Duck Virus Hepatitis (ducks)	sudden death	Viral; bird droppings or in brooder, affects ducks 2 days - 4 wks of age	vaccination (to prevent, strict sanitation and practice biosecurity measures)
Fowl Cholera (all poultry)	swollen wattles, darkening of head & unfeathered parts, difficulty breathing, lethargy, sudden death	bacterial; bird droppings and contaminated bedding, feed, water	eradication of infected birds & strict sanitation
Fowl Pox, Avian Pox (all poultry)	lesions on comb, wattles, mouth, throat; drop in egg production	viral; bird to bird and by infected mosquitoes	vaccination
Infectious Bronchitis (all poultry)	respiratory distress like coughing & gasping	viral; bird to bird	vaccination

Infectious Sinusitis (turkeys)	swelling under the eye, will swell shut, coughing, sneezing, stunted growth	bacterial ( mycoplasma gallisepticum); bird to bird, droppings, contaminated materials, transmitted into eggs from infected hens	eradication (to prevent, vaccination & practice strict biosecurity measures)
Fowl Typhoid (now mostly chickens, has been found in ducks/turkeys)	lethargy, yellow diarrhea, sporadic mortality	bacterial (salmonella gallinarum); affects adult birds,transmitted into eggs from infected hens or if adult chicken eats eggs	strict sanitation, (to prevent, practice strict biosecurity measures)

Note: fowl typhoid & pullorum are closely related; you may see the names interchangeably

Pullorum/Bacillary White Diarrhea (now mostly chickens, has been found in ducks/turkeys)	droopiness, white diarrhea, pasted vent,	bacterial (salmonella pullorum); affects birds up to 3 wks old,transmitted into eggs from infected hens or cannibalism	eradication (to prevent, practice strict biosecurity measures)
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<u>PARASITES</u>	<u>Symptoms</u>	<u>Transmission</u>	<u>Treatment</u>
Ascarid, round worm	droopiness, diarrhea, 1 1/2 inches to 3 inches long	birds eat worm eggs passed through bird droppings; worms live in intestine but may migrate into oviduct and become incorporated into hen's egg	
Cecal worms (all poultry)	small white worms up to 1/2 inch, normally do not affect bird's health themselves, but are carriers of bacteria	birds eat worms in droppings or earthworms; cecal worms can contain bacteria that causes blackhead	medication (levamisole & fenbendazole)
Lice (all poultry)	small insects, 6 legs, larger than mites; look along shaft of feather for insect, will lay eggs in clusters	bird to bird	dust or spray, strict sanitation
Mites (all poultry)	very small insects, usually first around vent, then spreading to comb, wattle, rest of bird	bird to bird	dust or spray, strict sanitation
Thread worms, capallaria worms (all poultry)	reduced growth, reduced egg production, death; found in crop/esophagus	worms lay eggs in esophagus and are passed in droppings	preventative measures (clean bedding, strict sanitation)