

AVITROL BIRD SOLUTIONS  
Helping You Navigate Tough Pest  
Bird Problems the Effective Way

The background of the page is a stylized illustration. At the top, a teal banner contains the AVITROL logo and a sub-headline. Below this, the main title 'GUIDE' is centered in a dark blue serif font, flanked by two arrows. The background features a light blue sky with white clouds and a single bird in flight. Below the sky, a large orange boat is shown navigating through dark blue waves with white foam. The overall style is clean and modern with a nautical theme.

← GUIDE →

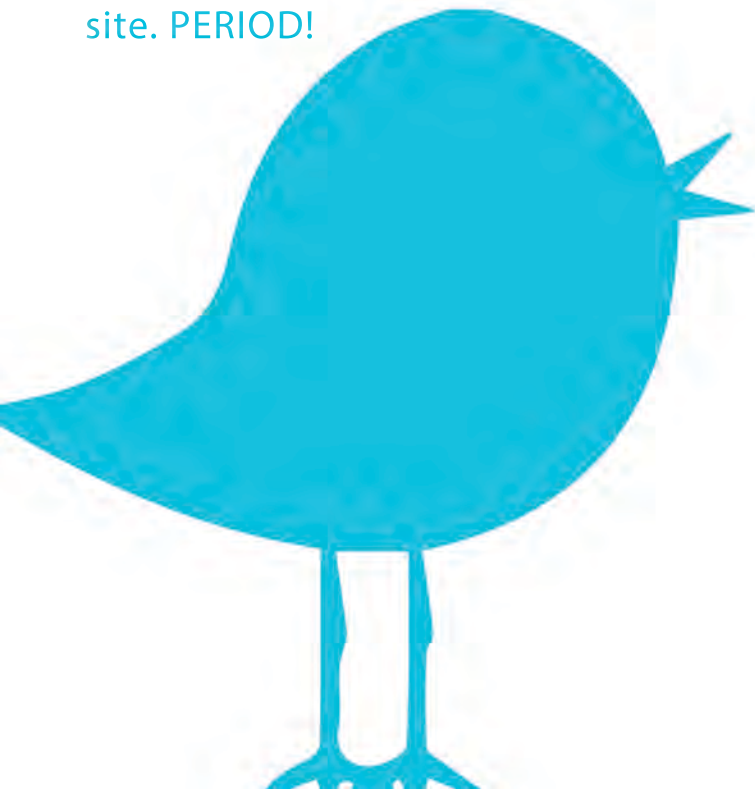
## THIS GUIDE

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This guide is designed to help aid you in the successful treatment of pest birds using Avitrol, the industry's leading form of true bird control. Inside you'll find images and listings of products that are effective at combating a myriad of species that are the common cause of infestations.

Understanding the species you're dealing with and using the right tools for treatment are the name of the game when eliminating tough bird infestations. Although this is not intended to be an exhaustive guide, throughout the next few pages, you'll find helpful information aimed at solving your pest bird problem for good. Don't forget:

**Flocks frightened away using Avitrol baits will never return the site. PERIOD!**



## ABOUT AVITROL

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Avitrol products are designed to control pest birds, regardless of the size and scope of the overall infestation. Our current product lines are used as chemical frightening agents to remove pest birds from a given location. As applied, Avitrol is chemically treated grain bait.

The active ingredient in Avitrol baits, 4-aminopyridine, acts on the bird's central and motor nervous systems. Its action on the motor nervous system usually causes behaviors characteristic of birds reacting to a predator nearby or directly accosting them. Birds eating the treated bait will be affected in a manner that, varying by species, will artificially cause them to emit distress, alarm cries and visual displays used by their species when they are frightened or injured.

In birds, this may include flying erratically, vocalizing, trembling, dilation of the pupils and other symptoms indicative of loss of motor control. This will frighten the flock and cause it to leave the site.



If the dose is lethal, death will usually occur within 15 minutes to an hour following reaction. If the dose is sub-lethal, there will be a recovery period, which may be as short as 4-5 hours. Surviving birds have no lasting effects from 4-aminopyridine.

By limiting the amount of bait available to relatively few birds, the remainder of the flock can be frightened away from most sites with a little or no mortality.

Please note that the active ingredient in Avitrol, 4-aminopyridine., is a potassium (k) channel blocker and the birds affected are not in pain as concluded through an independent study by renowned animal welfare advocate Dr. Harry C. Rowsell in his Assessment of Humaneness of Vertebrate Pesticides report

Currently, 4-aminopyridine. is being studied for its role in helping patients with Multiple Sclerosis. It is unique to have human test data for a pesticide active ingredient

In field and laboratory studies, there have been no secondary poisonings with Avitrol. The lack of secondary poisoning from birds killed by Avitrol baits when consumed by other species is confirmed by U.S. Fish and Wildlife Service studies.

There are fraudulent claims made by various activist groups that use of Avitrol baits are inhumane and that secondary poisoning is a major problem. There have even been instances of data altering by those groups. Their claims are made with no supporting evidence and are refuted by multiple USFWS studies and human test data.



As mentioned earlier, please note that it is very unique to have human test data for a pesticide active ingredient.

# pigeon

**Description:** Average length: 12.5 in, Wingspan: 28 in, Weight: 9 oz. Pigeons are stocky birds with short necks and tails with a short slender bill. They primarily feed on seeds, fruits, and plants, but are opportunistic and will eat anything that is readily available, especially discarded food.

**Nesting Habits:** Pigeon nests are flimsy and are typically made using debris. They are often precariously placed in trees, on ledges, or on the ground. Pigeons breed in the spring/summer months, but have been known to breed year round. Nesting pigeons lay one to three eggs and a time with both parents caring for the young. The young leave the nest after 7 to 28 days.

**Location:** This gregarious nuisance bird is a common site throughout the majority of the world. Worldwide populations have been estimated at over 400 million with their population growing rapidly, especially in urbanized areas.

**Preferred bait:** Avitrol Whole Corn

## Recommended treatments:



Avitrol Whole Corn  
MSRP: \$87/lb



Avitrol Mixed Grains  
(available in coarse, medium, and fine blends)  
MSRP: \$8/lb



# sparrow

**Description:** Average Length: 6.25 in, Wingspan: 9.5 in, Weight: .98 oz. House sparrows are a small yet aggressive bird from the family Passeridae. Their coloring will vary throughout the year, but generally both the females and young are colored a pale brown and grey. Adult male house sparrows typically have brighter black, white, and brown markings. Their preferred diet consists of grain, seeds, livestock feed, and discarded food.

**Nesting Habits:** House sparrows prefer to nest in cavities, but will nest in other opportunistic areas, oftentimes displacing native birds from their nests. Nesting pairs will lay 4-5 eggs with the female as the primary caretaker. Incubation lasts 10-14 days with the young leaving the nest after approximately 15 days.

**Location:** The house sparrow is found in most parts of the world with global populations estimated at over 540 million.

**Preferred bait:** Avitrol Fine Mixed Grains

## Recommended treatments:



**Avitrol Mixed Grains**  
(available in coarse, medium, and fine blend)  
MSRP: \$87/lb



**Avitrol Corn Chops**  
(available in coarse, medium, and fine blend)  
MSRP: \$87/lb



# starling

**Description:** Average; Length: 8.5 in, Wingspan: 16 in, Weight 2.9 oz. Starlings are a small to medium sized bird in the family Sturnidae. Breeding plumage for adults appears iridescent black while fall plumage feathers are tipped with white and buff, which gives them a speckled appearance. Juveniles are typically gray-brown with a brown bill. Like many birds, their preferred food is insects, but they will readily consume easily accessible foods such as garbage and livestock rations, especially in the wintertime.

**Nesting Habits:** Starlings prefer to nest in cavities and often successfully compete with native birds for nesting sites. Clutch sizes range from 4-7 eggs and hatch after 11-13 days of incubation with up to 2 clutches laid per season. After about 21 days, the young leave the nest.

**Location:** Throughout the world Starlings compete for habitats with native birds and are generally considered to be an invasive species. Starlings especially create problems in feedlots where they consume livestock feed and in other urban areas such as airports, where they have been known to be responsible for "bird strikes". During the fall and winter months, starlings feed and roost together in flocks, which can reach up to 1.5 million members. Globally, the starling population is estimated at about 600 million, with the North American population at around 200 million.

**Preferred bait:** Avitrol Double Strength Corn Chops

## Recommended treatments:



**Avitrol Double Strength  
Corn Chops**  
*(available in coarse and fine blend)*  
MSRP: \$90/lb

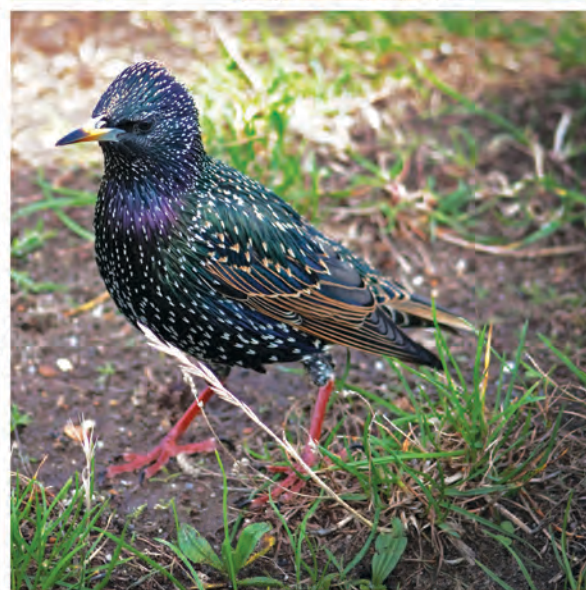


**Avitrol Corn Chops**  
*(available in coarse, medium, and  
fine blend)*  
MSRP: \$87/lb



**Avitrol Mixed Grains**  
*(available in coarse and fine  
blend)*  
MSRP: \$87/lb





# grackle

**Species:** Boat-tailed, Great-tailed, Common

**Description:** Grackles are a member of the blackbird family and these grackles range in size from 12.5-18 inches long. They are gregarious foragers and a common site in parking lots and other areas where there is human activity. The Grackles' diet is omnivorous and can consist of anything from grains to songbird nestlings. Most adult males in this species have black or mostly black plumage and adult females are mostly brownish in appearance. It is recommended to consult a good bird guide for in depth specie clarification.

**Nesting Habits:** Grackles are colony nesters and prefer areas such as trees, cavities, and man made structures. Females lay up to 7 eggs, with incubation periods lasting anywhere between 11-15 days between the three species. Nestling periods for common grackles are between 10-17 days, boat tailed nestling periods last 13 days and great tailed nestling periods last between 20-23 days.

**Location:** The grackle is found throughout much of North America with collective populations estimated at around 73 million.

**Preferred bait:** Avitrol Double Strength Corn Chops

## Recommended treatments:



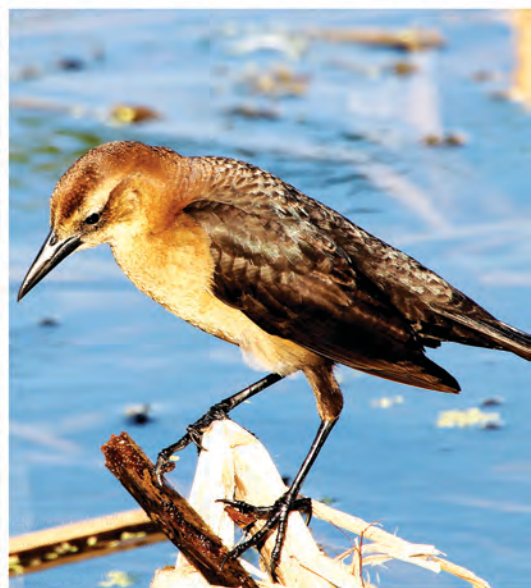
Avitrol Double Strength  
Corn Chops  
*(available in coarse and fine blend)*  
MSRP: \$90/lb



Avitrol Corn Chops  
*(available in coarse, medium, and fine blend)*  
MSRP: \$87/lb



Avitrol Mixed Grains  
*(available in coarse and fine blend)*  
MSRP: \$87/lb



# crow

**Species:** American, Fish, Northwestern

**Description:** Ranging in size from 15-17.5 inches long, their plumage is typically dark brown to blackish in appearance. A good bird field guide is recommended for specific specie identification. Crows are omnivorous and will eat almost anything. They readily adapt food habits to changing seasons and available food supply. They are equally adept at live hunting, pirating and scavenging. They have even been known to pluck out the eyes and umbilical cords of newborn livestock.

**Nesting Habits:** The average clutch size is 4-6 eggs, which hatch in about 18 days. Young fledge in about 30 days with typically 1 brood per year, however in some southern areas, they may produce 2 broods.

**Location:** These crows are found throughout North America with wintering flock sizes reaching several million crows. Population estimates in North America are collectively estimated at 27.5 million.

**Preferred bait:** Avitrol Double Strength Whole Corn

## Recommended treatments:



Avitrol Double Strength  
Whole Corn  
MSRP: \$100/lb



# blackbird

**Species:** Red-winged, Yellow-headed, Rusty, Brewer's

**Description:** These blackbirds range in size from 8.75-9.5 inches and feature various plumage feathers throughout the year, thus a good field guide is recommended for specific specie identification. They are omnivorous, eating a wide range of insects, earthworms, berries, grains and fruits.

**Nesting Habits:** Depending on the specie, these species are found building neat, mud-lined cup shaped nests in woods, gardens, fields and marshlands. Typically they lay between 3-5 eggs with incubation lasting approximately 12 days. The young fledge around 10 days after hatching.

**Location:** These species are native to North America and are found in a variety of both natural and human-created habitats and often create problems near airports and agricultural areas. Currently, there are over 235 million of these birds found throughout North America. Outside of nesting season, roosting flocks may number in the millions.

**Preferred bait:** Avitrol Double Strength Corn Chops

## Recommended treatments:



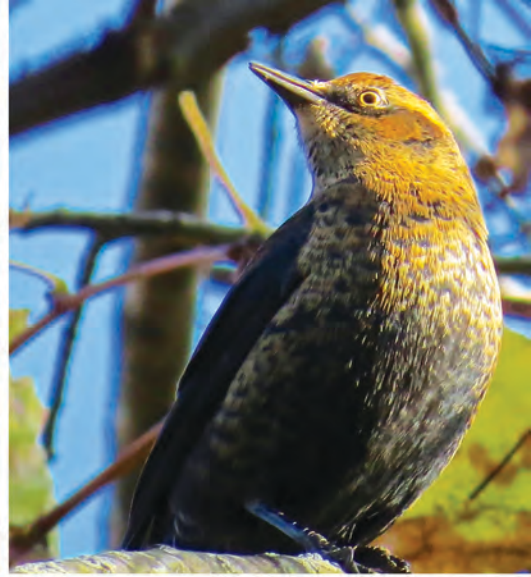
**Avitrol Double Strength  
Corn Chops**  
*(available in coarse, medium, and fine  
blend)*  
MSRP: \$90/lb



**Avitrol Corn Chops**  
*(available in coarse, medium, and  
fine blend)*  
MSRP: \$87/lb



**Avitrol Mixed Grains**  
*(available in coarse and fine  
blend)*  
MSRP: \$87/lb



# cowbird

**Type:** Bronzed, Brown-headed

**Description:** Cowbirds are birds belonging to the genus *Molothrus* in the family Icteridae. They are brood parasitic New World birds which are unrelated to the Old World cuckoos, one of which, the common cuckoo, is the most famous brood parasitic bird. These birds feed on insects, including the large numbers that may be stirred up by cattle, and will feed on grain when insects are sparse.

**Nesting:** In order for the birds to remain mobile and stay with the herd, they have adapted by laying their eggs in other birds' nests. The cowbird will watch for when its host lays eggs, and when the nest is left unattended, the female will come in and lay its own eggs.

**Location:** They are permanent residents in the southern parts of their range; northern birds migrate to the southern United States and Mexico in winter, returning to their summer habitat around March or April.

**Preferred bait:** Avitrol Double Strength Corn Chops

## Recommended treatments:



**Avitrol Double Strength  
Corn Chops**  
(available in coarse, medium, and fine  
blend)  
MSRP: \$90/lb

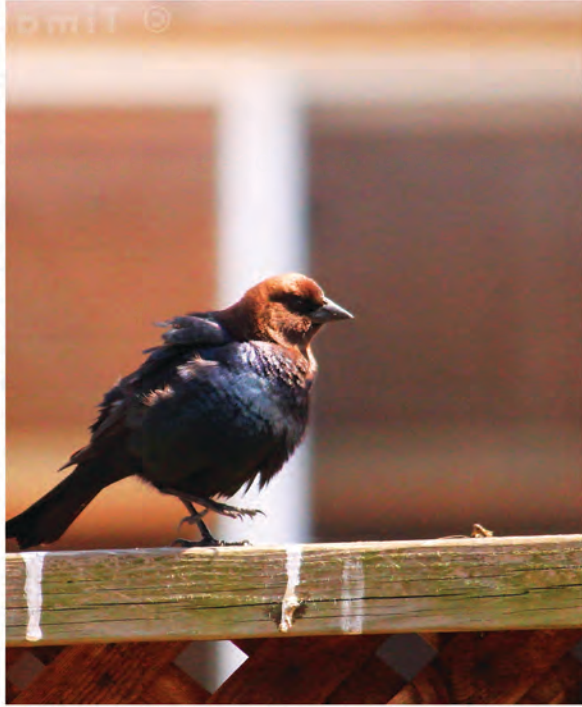


**Avitrol Corn Chops**  
(available in coarse, medium, and  
fine blend)  
MSRP: \$87/lb



**Avitrol Mixed Grains**  
(available in coarse and fine  
blend)  
MSRP: \$90/lb







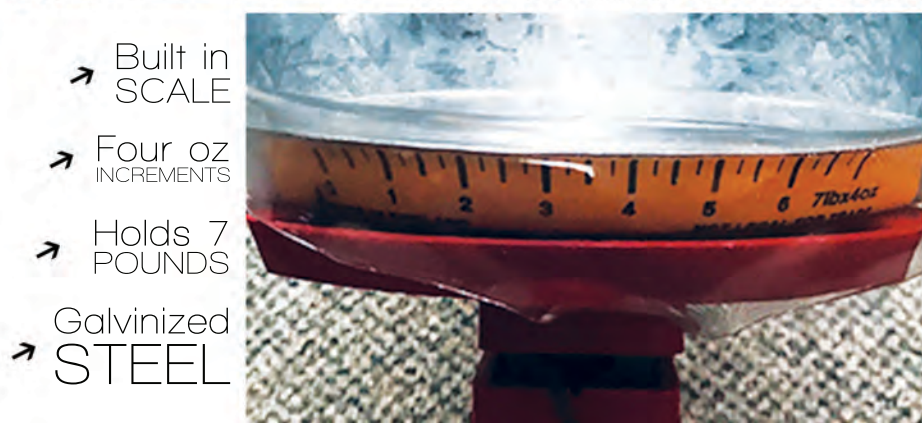
# ADDITIONAL PRODUCTS



Baiting tray



Sizes:  
  
24" x 24"  
  
18" x 12"



- Built in SCALE
- Four oz INCREMENTS
- Holds 7 POUNDS
- Galvanized STEEL



Scale Scoop



Get  
Educated

Get your  
Certificate

Get VIP  
Status

Get  
Referrals

Get early  
product access

**GET  
CERTIFIED**



For details, visit [certified.avitrol.com](http://certified.avitrol.com)

# AVITROL

## Bird control for the next generation

It used to be that when you needed training on effective use of a product, you were required to spend your resources to physically attend training sessions with manufacturers. That day has passed. At Avitrol, our passion is helping your business grow by providing solutions that work, and training that's impactful. With digitally based training that's accessible for free anytime, we are the industry leader at providing training at an easy to access level.

The bottom line is that Avitrol products work every time, are simple to use, and require a very minimal investment of time and money. We dare you - take the [Avitrol](#) challenge and experience true bird control at its finest.



#truebirdcontrol



/avitrolcorp



/avitrolcorp



800•633•5069



avitrol.com