

# Avipel Shield Overview



In many areas of the country, birds are known to destroy hundreds of acres of field and sweet corn before it even has a chance to emerge. To stop this potentially devastating yield loss, a growing number of farmers have turned to Avipel Shield.

Avipel Shield is a scientifically formulated seed treatment that stops birds from eating newly planted corn seed. Avipel's liquid or dry applications surround each kernel with a protective coating that causes birds immediate, yet temporary, digestive distress. After attempting to eat treated seed, they quickly look elsewhere, leaving your newly planted field unharmed.

## Typical Bird Damage



## Bird Species Involved

- 1 Blackbirds  
(Red-winged)  
(Starlings)  
(Cowbirds)
- 2 Crows
- 3 Pheasants
- 4 Cranes



# Avipel Shield Product Details



## How Avipel Shield Works As a Bird Repellent

Avipel Shield (AQ) creates a powerful negative intestinal reaction in all birds.

## Avipel Ecotox Profile

Biopesticide labeled for corn seed treatment	Not soluble, no soil migration
Naturally occurring	Biodegradable
Not toxic	Not systemic

Liquid Seed Treatment	Hopper Box (Dry) Seed Treatment
Labeled for both field and sweet corn	Labeled for both field and sweet corn
Permits treating seed ahead of busy planting season	Easy to apply
Cost-effective treatment	Cost-effective treatment
Can be applied in continuous flow or batch seed treaters	Permits treating seed just prior to planting
Slurry or direct injection systems	

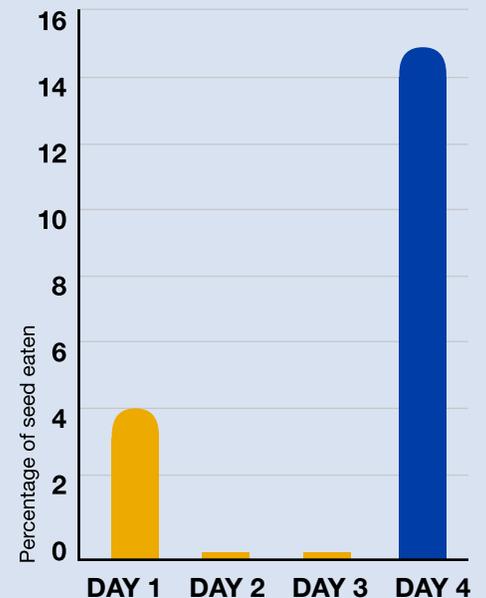
Product Sizes	
Available in 2 x 2.5 gallon cases	12 x 16-ounce canisters in a case
13.5 fl. oz. per 100 lb. of corn seed	One 16-ounce canister treats approx. 200 lb. of corn seed
	Handy measuring scoop with each canister

## Typical Results



## USDA Blackbird Results No-choice Test

For three days birds were given only AQ-treated seed. After the initial taste and reaction, birds starved rather than eat the treated seed. When untreated seed was introduced on day four, birds immediately returned to eating.



● Treated ● Untreated

Indicates repellency as strong as any product ever tested by the USDA in over 40 years.

Blackbirds starved rather than eat 1% (2% formulated product) of AQ-treated rice.

Study conducted by USDA in cooperation with LSU Rice Station.