

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



1



2



3



4

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 | |

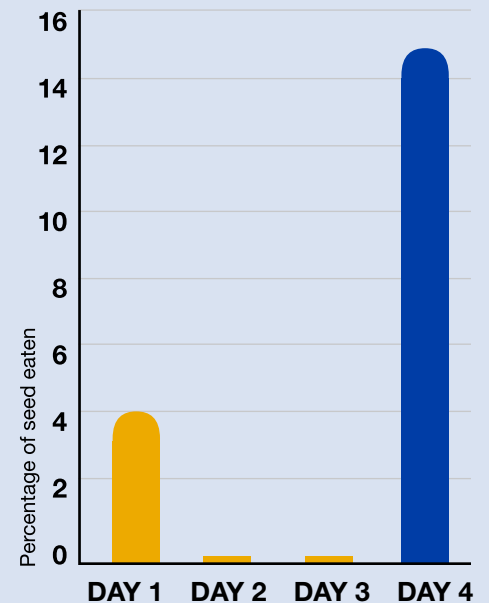
| Product Sizes | |
|---------------------------------------|---|
| Available in 2 x 2.5 gallon cases | 12 x 16-ounce canisters in a case |
| 13.5 fl. oz. per 100 lb. of corn seed | One 16-ounce canister treats approx. 200 lb. of corn seed |
| | Handy measuring scoop with each canister |

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.