

# MEASURE AND MANAGE

## Interpreting your AgTest Soybean Cyst Report

By Dale Cowan  
[dcowan@agtest.com](mailto:dcowan@agtest.com)  
Agri-Food Laboratories CCA.On

---

The AgTest SCN Report contains important information on both the Cyst Count and Egg Count.

The first column is your sample ID provided to us on the submission form

The second column is the number of cyst found per kilogram (Kg) of your soil

The third column is the number of eggs found per 100 grams of soil

The significance of these numbers is displayed on the bottom of the report.

The Economic Threshold for the number of Cysts that can affect yield is set at 250 cyst per kilogram of soil. Numbers above this threshold indicate a higher risk of yield loss.

More importantly is the egg count this is an indicator of damage to come. A matrix table of #eggs per 100 grams of soil is compared to a risk assessment, potential yield loss and mitigating management rotation duration strategy.

### Potential Risk of Yield Loss for Various SCN Populations

SCN Population #eggs per 100 grams of Soil	Risk Rating	Potential Yield loss	Rotation
0-500 coarse sand	low	0-20%	4 years
0-1000 Fine textured silt, clay	low	0-20%	4 years
1000 coarse sand	high	20 -50%	6 years
2000 fine textured silt clay	high	20 -50%	6 years
10,000 all soils	Resistant varieties may be damaged	-----	-----

A sandy soil with at least 1000 eggs could experience a yield loss of 20% with a susceptible variety and the suggested rotation should not include soybeans for at least 4 years.