



GLOBAL AG SMARTE
TECHNOLOGIES, INC

IMPROVES STRESS MITIGATION

Nematode Study on Peanuts

Objective

Evaluate the reduction of nematodes utilizing the SmarteDefender technology.

Overview

SmarteDefender is used to treat irrigation water to control the populations of nematodes, bacteria, etc.

Trial Details

Crop : Peanuts

Years: 2017

Data Source: Field studies

Cropping Conditions: The crop of peanuts had been harvested the day before the application of SmarteDefender.



Nematode Count Results

Nematodes	Rootknot	Stubby-root	Lesion	Ring	Spiral
Control S1	824	0	2	32	21
Treated S1	148	0	1	6	3
Control S2	1801	0	2	0	2
Treated S2	496	0	0	0	1
Control S3	1342	2	0	0	3
Treated S3	131	1	0	0	1
Control Avg	1322	1	1	11	9
Treated Avg	258	0	0	2	2
% Reduction	80%	50%	75%	81%	81%

Summary

SmarteDefender reduced the population of nematodes on average 73% in the first trial.

73%

Nematode Reduction



SmarteDefender
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