מדינת ישראל / משרד החקלאות ופיתוח הכפר

State of Israel / Ministry of Agriculture and Rural Development

Agricultural Research Organization Institute of Plant Protection Gilat Experiment Station Dep. of Plant Pathology Dr. Leah Tsror



מינהל המחקר החקלאי המכון להגנת הצומח תחנת ניסויים גילת מחלקה לפאתולוגיה של צמחים דר' לאה צרור

Re: Lab Test Results

Please see below the results regarding the effect of 'Greenup', which you submitted to the lab for an in Vitro test against the following fungi: *Rhizoctonia solani*, *Colletotrichum coccodes* and *Helminthosporium solani* all originating from potato tubers.

The test was carried out in Petri dishes by adding different concentrations of 'Greenup' to the growth substrate. The control was a growth substrate with no amendment.

One-millimeter pieces of mycelium from pure colonies of each fungus were plated onto the growth medium, in the center of a Petri dish (9 mm), and incubated in the dark. Ten replicates were carried out per each treatment (fungus/concentration). Colony diameter was measured and inhibition was calculated as percentage from the non-treated controls.

Rhizoctonia solani

'Greenup'	% of inhibition as
concentration	compared with control
50%	100%
33%	100%
25%	100%

Colletotrichum coccodes

Concion tenum coccours	
'Greenup'	% of inhibition as
concentration	compared with control
50%	100%
33%	100%
25%	100%

Helminthosporium solani

'Greenup'	% of inhibition as
concentration	compared with control
50%	100%
33%	100%
25%	100%