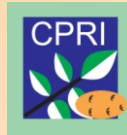


Evaluation of organic compound Change against Late Blight of Potato.

Central Potato Reserch Institute, Shimla, Himachal pradesh



Crop- Potato

Year of experiment- 2013

Crop Season - March-July

Experimental design- RBD

No of Treatment - 12

Replication - 3

Plot Size - 3x2 m

Variety- Kufri Jyoti

Time of Application - Soil application at 45 days & 60 days after planting + 4 blanket spray by mancozeb.

Treatments	Dosage/Ha	Decreased severity over control (%)	Tuber blight (%)	Tuber yield (t/ha)	% increase
Control			6.6	14.06	51.64%
Vigore	625 gm	55.00	4.30	21.32	

**Conclusion-**

Treatment of Vigore was effective against late blight of potato in comparison to control. Disease severity was reduced by 55 % in Vigore treated plot than Control. Maximum tuber yield (21.32 t/ha) observed in Vigore treated plot. No phytotoxic symptoms on foliage observed in both treatments.