New Agriculturist, **29**(2) : 343–346, 2018 http://biovedjournal.org/

Efficacy of Thifluzamide 24% SC against black scurf disease of potato caused by *Rhizoctonia solani*

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Received June 2, 2018 and Accepted August 17, 2018

ABSTRACT : A field experiments conducted during the Rabi season 2014-15 and 2015-16. Thifluzamide 24% SC @2.5 and 3.0 ml/10 kg seed was effective in controlling the black scurf disease of potato and to increase the yield during both the seasons. Maximum reduction of disease severity was recorded 13.53% followed by 17.79% in Thifluzamide 24% SC @3.0ml and 2.5ml/10 kg seed respectively and similarly maximum increase in yield was recorded in 207.2 q/ha followed by 203.5 q/ha in both the dosage of Thifluzamide 24% SC. Since there was no significant difference in 2.5ml and 3.0ml/10 kg seed, hence Thifluzamide 24%SC @2.5ml/10 kg seed is suggested for the control of black scurf disease of potato crop.

Key Words: Potato (*Solanum tuberosum* L.), *Rhizoctonia solani* (*Thenatephorus cucumeris*) (Frank), Thifluzamide 24% SC, black scurf disease, disease severity**.**