

Validation of Mechanized Priming Technology for Banana (Corms)

ICAR-National Research Centre for Banana, Trichy, Tamil Nadu



Untreated Treated



Untreated



Treated

Effect of physical, chemical and biological agents on germination, growth and vigour of Banana

*In Banana. Mechanized priming with hot water was found to be effective for eradication of pests including nematodes and pathogens, mainly *Fusarium* causing wilt. Further, secondary treatment with chemicals and application of bioagents in the soil was found to be highly effective for improving the yield parameters along with ratoonability*



Treatmental efficacy has been observed in yield attributes for 3 years

Efficacy of Mechanized Priming with chemicals/ bioagents against Wilt in Banana



Mechanized treatment of corms with Carbendazim @ 0.2% against FOC race1 – **free from disease**



Mechanized treatment of corms with Trichoderma bioformulation @ 1% against FOC race1– **free from disease**



Untreated Corms
Disease severity was found to be **more than 75% in untreated corms**