



# SUMMARY OF TRIAL



A Study was conducted in summer of 2019 at Northwest Michigan Horticultural Research Center, in Traverse City, Michigan to study the Bioefficacy of PROFUZE in reducing fruit cracking and *Drosophila* (SWD) infestation in Michigan vineyards.

## Application Details

- Product tested: PROFUZE
- Mode of application: Foliar sprays
- Rate of application: PROFUZE: 500 ml/acre (17 fl.oz/acre)
- Water used for spraying: 50 gallons per acre
- Time of application: 2 weeks prior to 50% veraison, 50% veraison, 2 weeks after 50% veraison

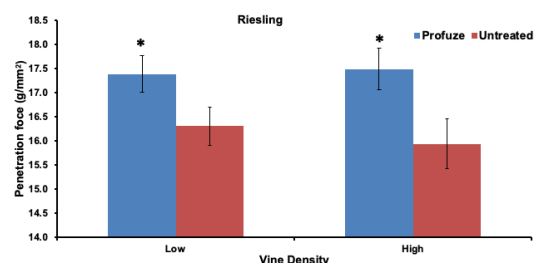
## Type of study

- Field study
- Fruit bioassay
- Post harvest quality

## Key observation

PROFUZE treatments had exhibited

- Increase in penetration force by 10% of berries, indicating longer shelf life.
- Significant reduction in *Drosophila* larvae infestation
- Significant reduction in the cracked berries



Average penetration force (g/mm<sup>2</sup>) of Riesling grapes from PROFUZE treated vines and untreated vines

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