

BLOOTwin[®] L

new biodegradable dispensers for the control of *Lobesia botrana* in grapes

ShinEtsu
PHEROMONES

 **BIOGARD[®]**
biological First.



BIOOTWIN L

BIOotwin[®] L



**BIODEGRADABLE CERTIFIED
NATURAL ORIGIN POLYMER**



**360°
BIO**



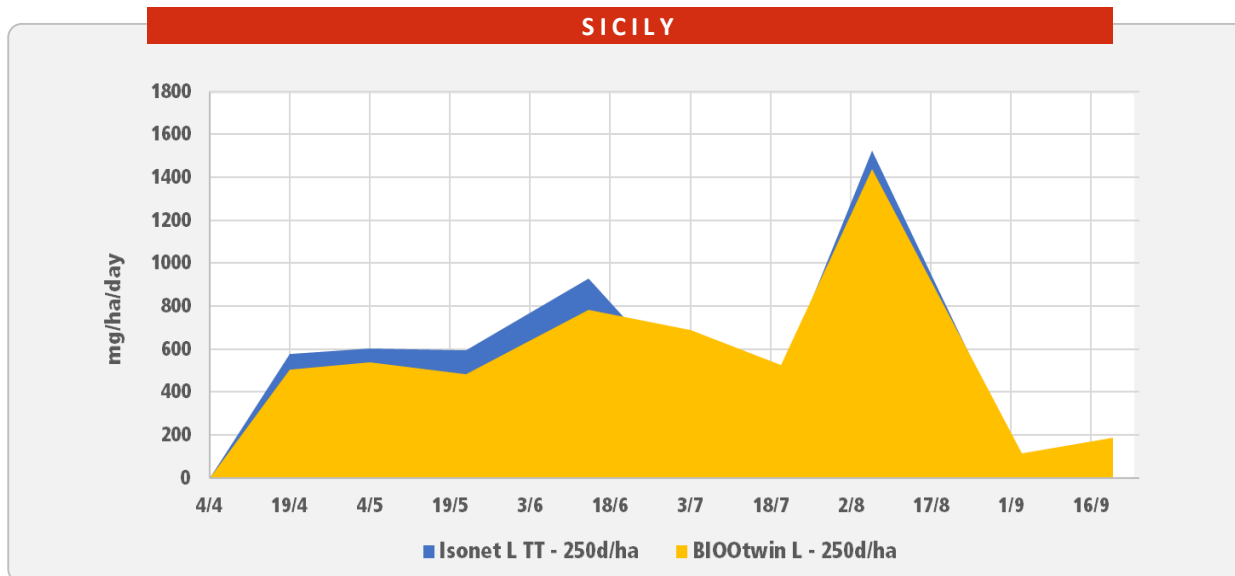
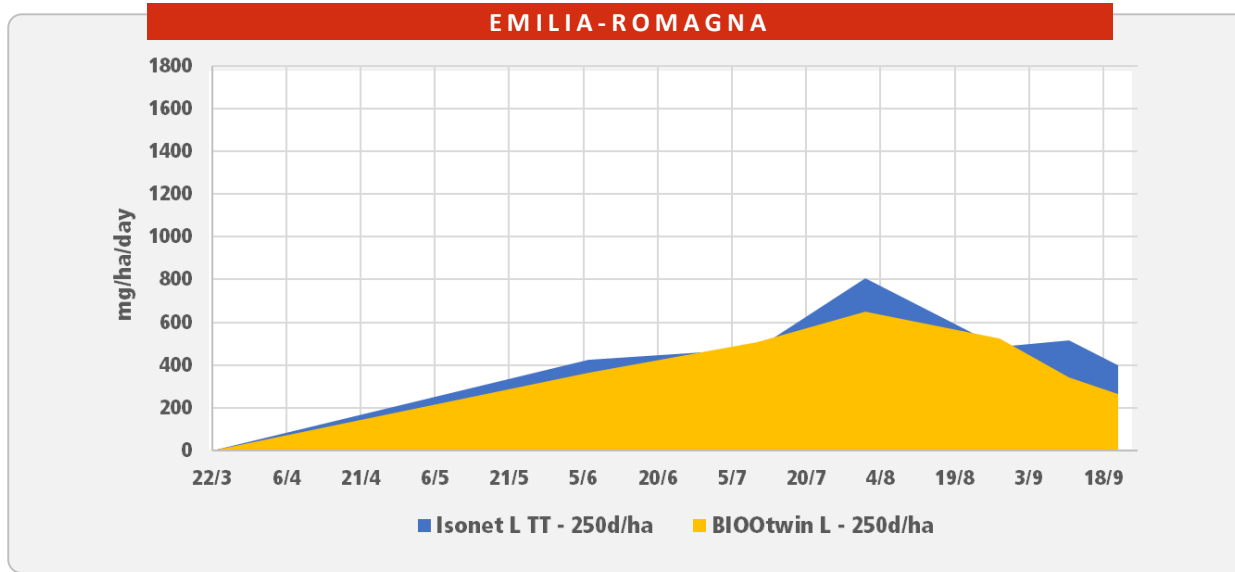
**BIODEGRADATION IN SOIL
H₂O + CO₂ + BIOMASS
AFTER RELEASING
ALL PHEROMONE CONTENT**



BIOOTWIN L VS ISONET[®] L TT

Comparison of release _ EMILIA-ROMAGNA and SICILY 2018

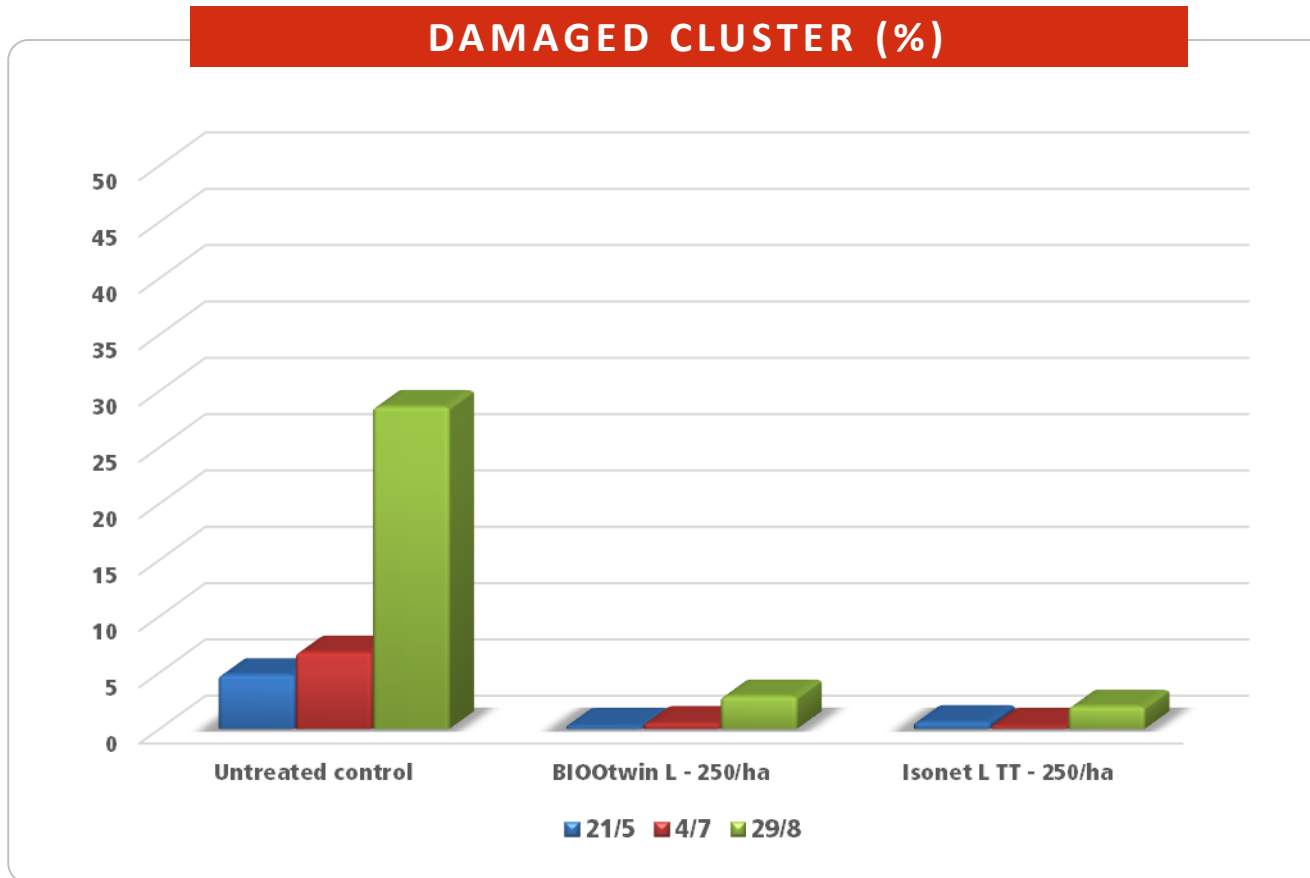
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ISONET[®] L TT VS BIOOTWIN L

Comparison of efficacy_ SICILY - ACATE 2018

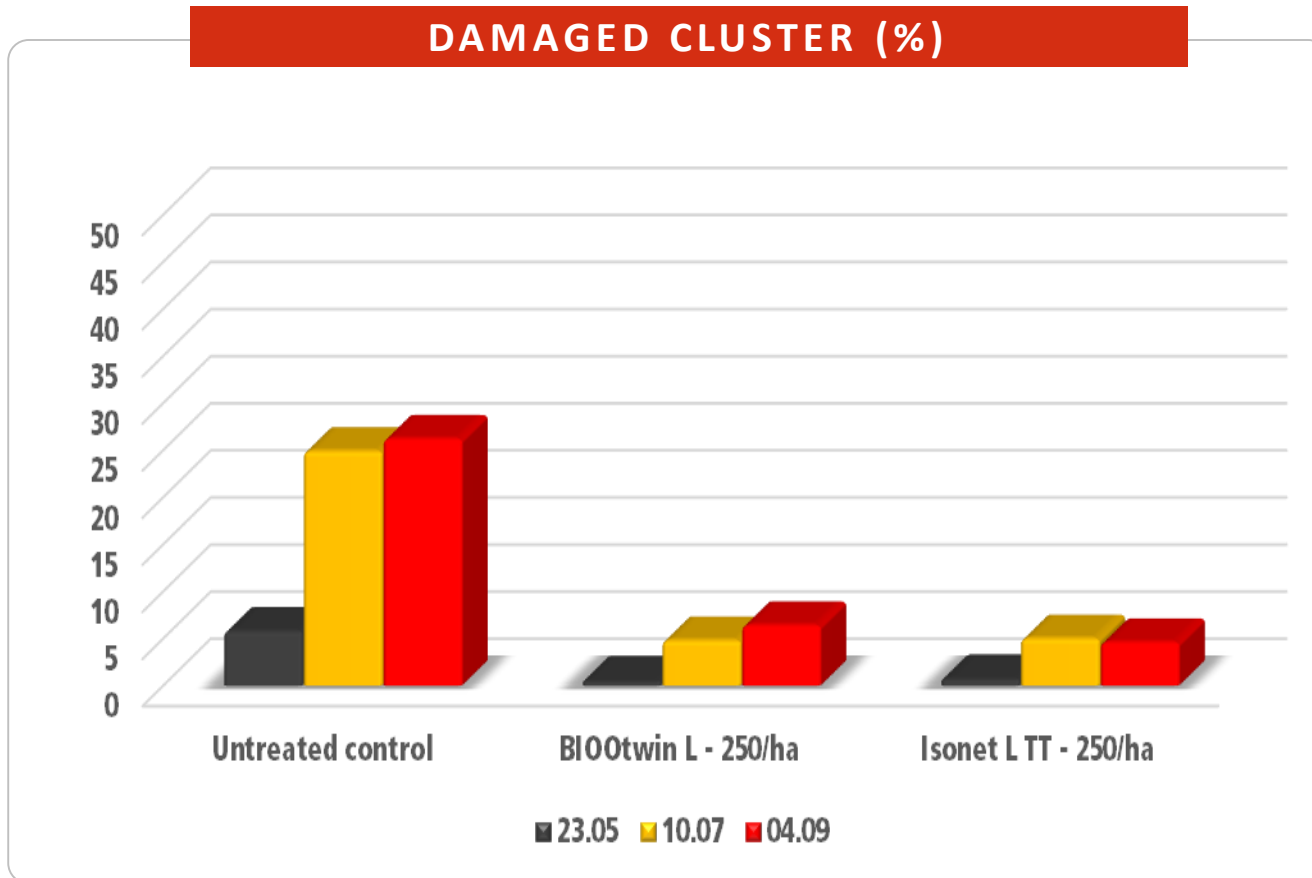
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ISONET[®] L TT vs BIOOTWIN L

Comparison of efficacy _ TUSCANY - GROSSETO 2018

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BIOOTWIN L

BIODEGRADABILITY TEST

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how QUICK is the BIOOtwin L
DEGRADATION in the soil ???

BIOOTWIN L

BIODEGRADABILITY TEST

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Soil Type: **SANDY-SILT**

Sand %: **52.7**

Silt %: **29.8**

Clay %: **17.5**



March 2017

Field application
with overwintering
on vines

May 2018

Landfill
8 dispensers

November 2018

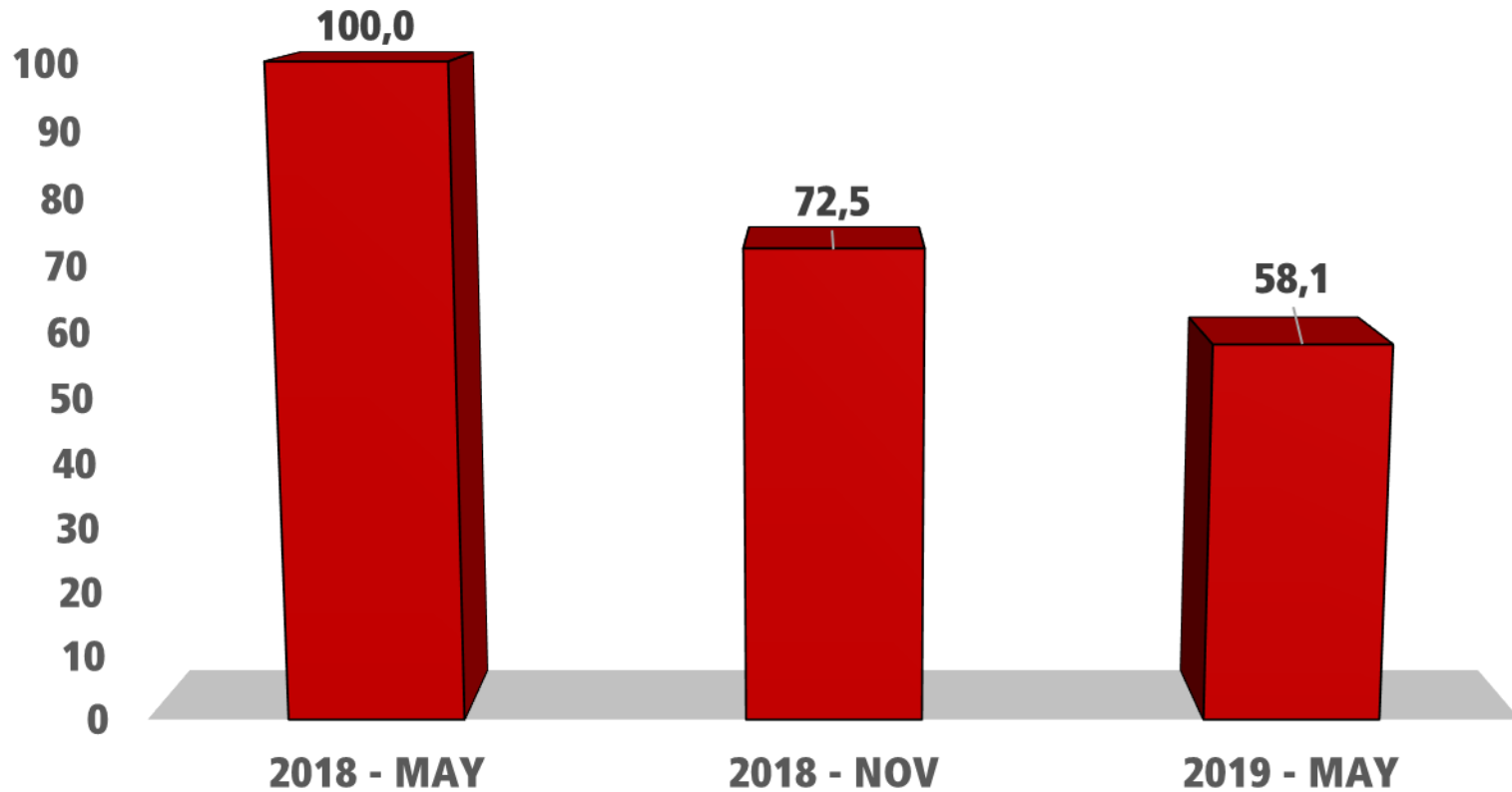
May 2019

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BIODEGRADABILITY TEST

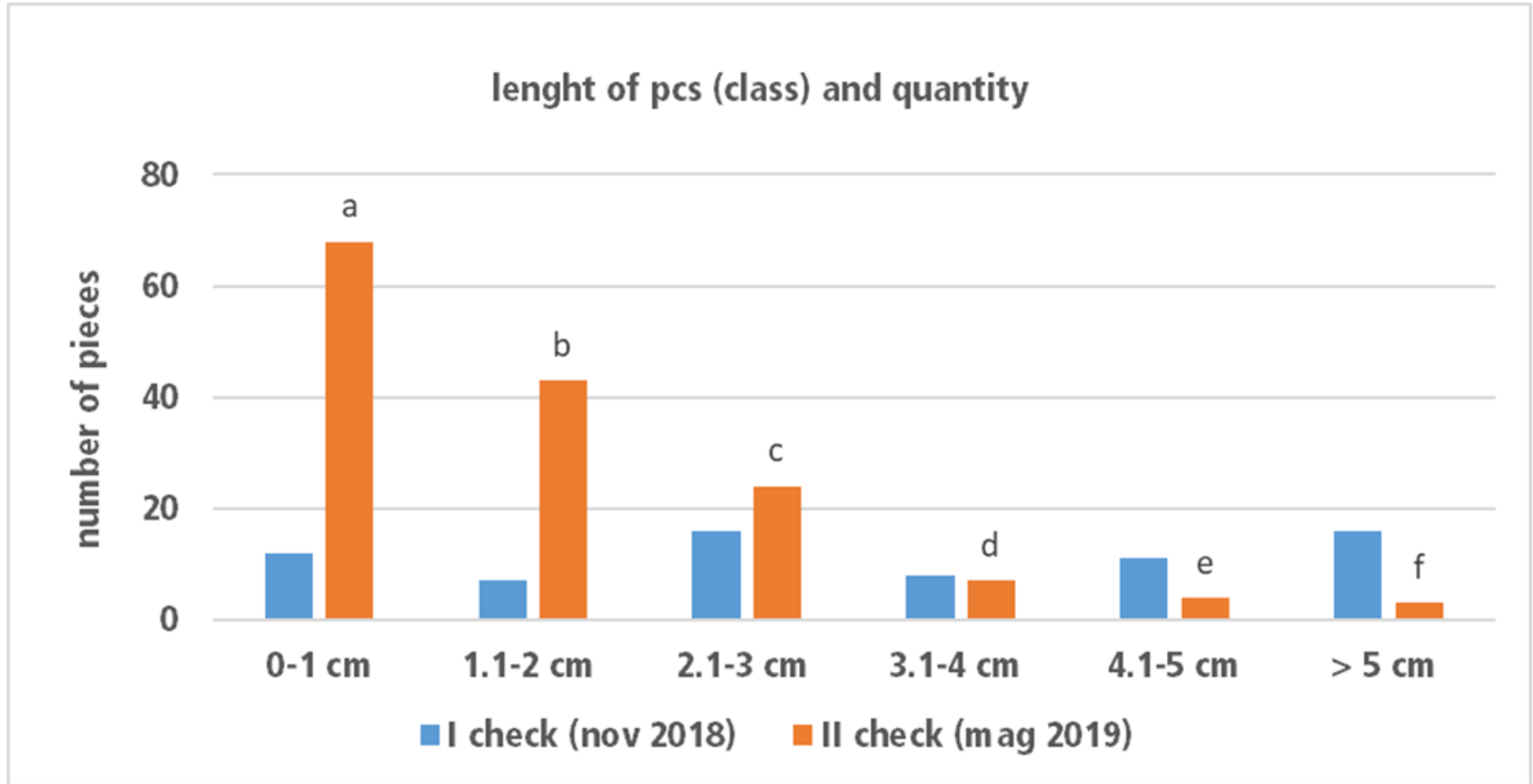
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DISPENSER WEIGHT REDUCTION (%)



BIOOTWIN L

BIODEGRADABILITY TEST





BIOODEGRADABLE



BIOOLOGICAL



BIOOPROTECION

THANKS
FOR YOUR
ATTENTION