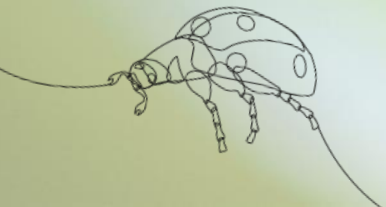




The Biobest story

Gaby van Kemenade
24/9/2019



Pioneer in 1987



“We invented the buzziness”

- ❖ Foundation of Biobest
- ❖ Pioneer of bumblebee pollination
- ❖ Revolution in greenhouse tomato production
- ❖ Biocontrol door-opener

Biobest offers complete IPM solutions

Pollination

Bumblebees

Biological Control

Beneficial Insects & Mites

Insect Pathogenic Nematodes

Biopesticides

Other IPM Tools

Trapping & Monitoring Tools

Mating Disruption



Bumblebee pollination




B. terrestris (audax*)	B. canariensis	B. impatiens	B. ignitus	B. atratus
Biobest Group Biobest Antalya Biobest China	Biobest Group	Biobest USA Biobest Mexico	Biobest Group	Biobest Argentina
Europa Azië Afrika Chile *enkel UK	Canarische Eilanden	Noord-Amerika Centraal-Amerika	Enkel Japan	Zuid-Amerika



entomofauna-guyane ©2012 J. GIUGLARIS

Hive Types

Standard Hive

- 
Bombus canariensis
- 
Bombus ignitus
- 
Bombus terrestris
- 
Bombus terrestris audax

Turbo Hive

- 
Turbo Hive (B.t.)
- 
Turbo Hive (B.t.a.)



Mini hive



Multi hive



Flying doctor



<https://www.youtube.com/watch?v=nPTistUfW-Y>

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Beneficials



Macrolophus-System

Aphidoletes-System

Phytoseiulus-System

Orius-System

Feed beneficials



Amblyseius swirskii feeding on Nutrimite™



Biobest offers complete IPM solutions

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Insect Pathogenic Nematodes



Phasmarhabditis hermaphrodita



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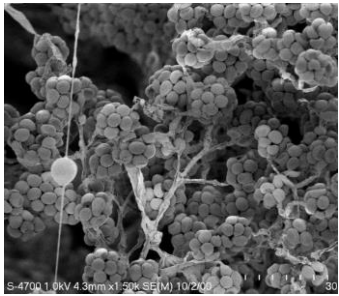
Other IPM Tools

Trapping & Monitoring Tools











Mating Disruption

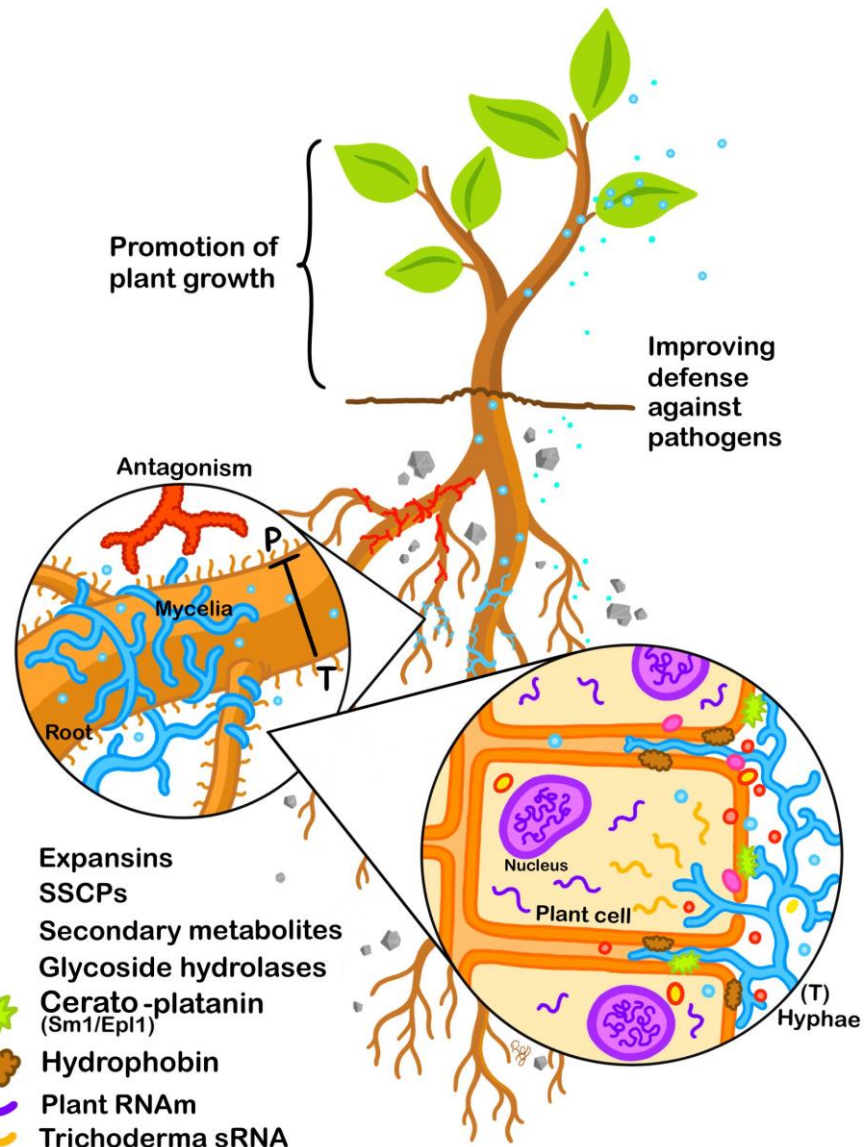


Biopesticides

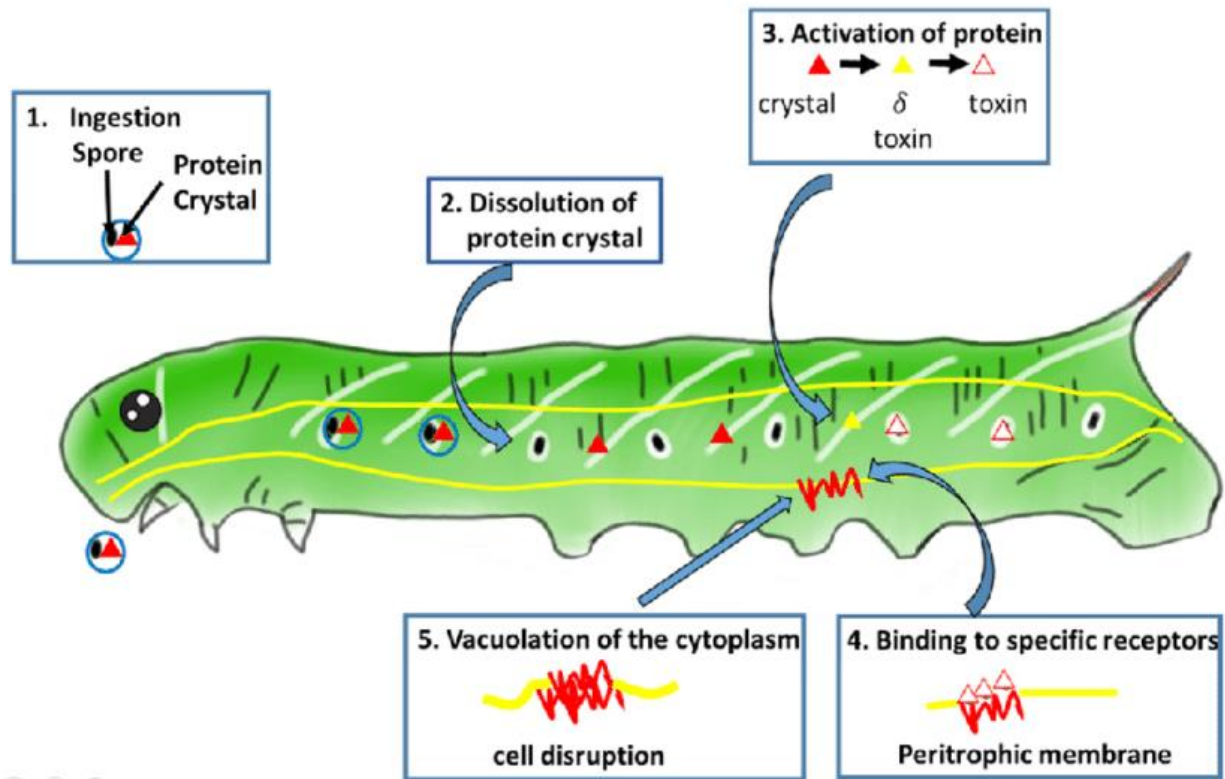


ASPERELLO™ T34 Biocontrol®

-  Expansins
-  SSCPs
-  Secondary metabolites
-  Glycoside hydrolases
-  Cerato-platanin (Sm1/Epl1)
-  Hydrophobin
-  Plant RNAm
-  Trichoderma sRNA
-  Trichoderma ssp (T)
-  Phytopathogen (P)



Biopesticides



Delfin: Bacillus Thuringiensis



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Monitoring traps



Bug-Scan® Yellow



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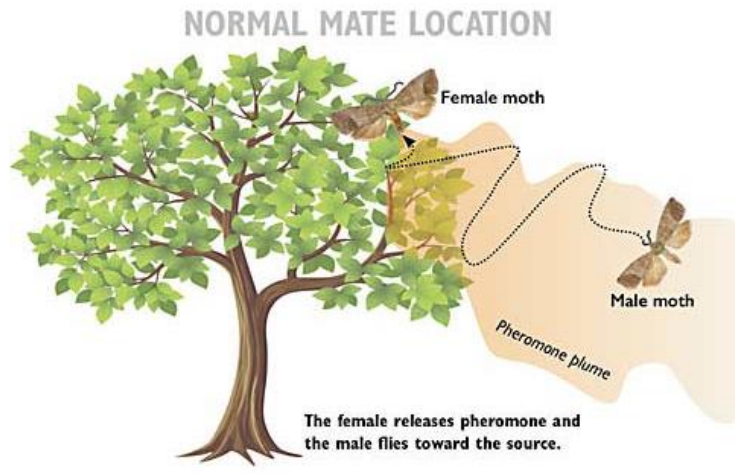
Mating Disruption



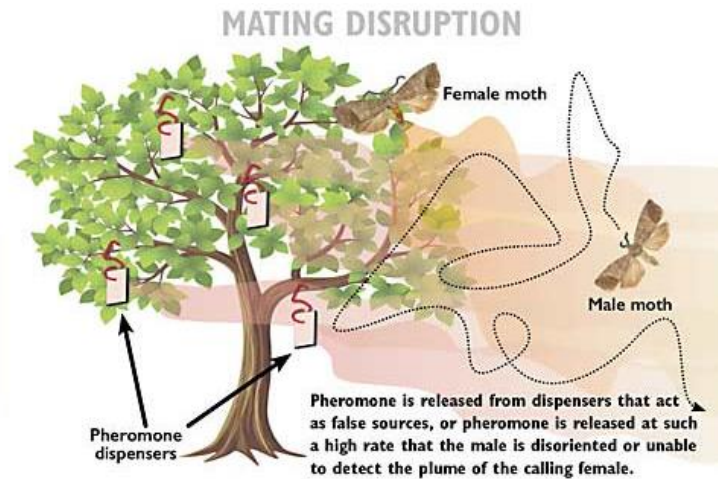
Delta-trap



Isonet-T



SOURCE: JAY F. BRUNNER AND ALAN KNIGHT/WASHINGTON STATE UNIVERSITY



JARED JOHNSON/GOOD FRUIT GROWER



Focus

Vegetables (protected)

Soft fruits (protected and outdoor)

Ornamentals

Plant propagation

Greenhouse Herbs

Greenhouse Medicinal Cannabis

Citrus (launch in Spain)

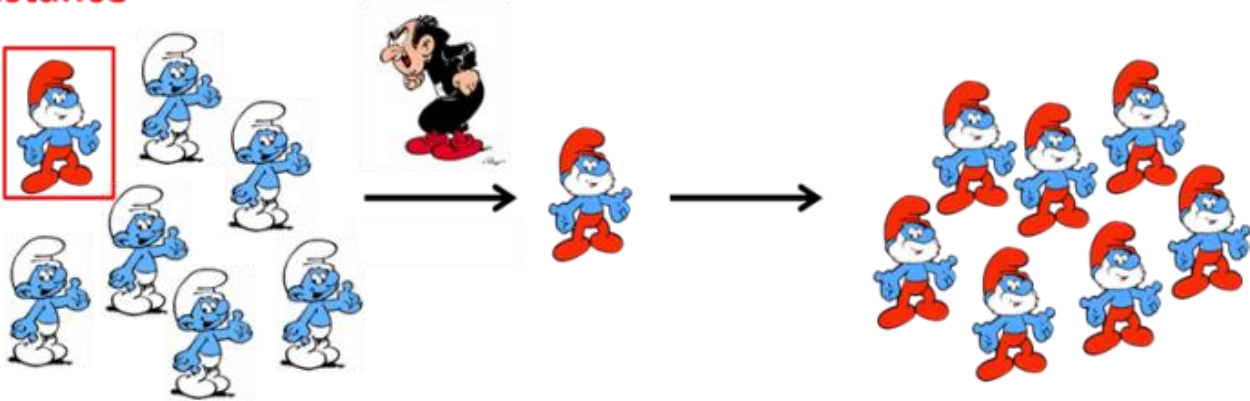


Why IPM matters

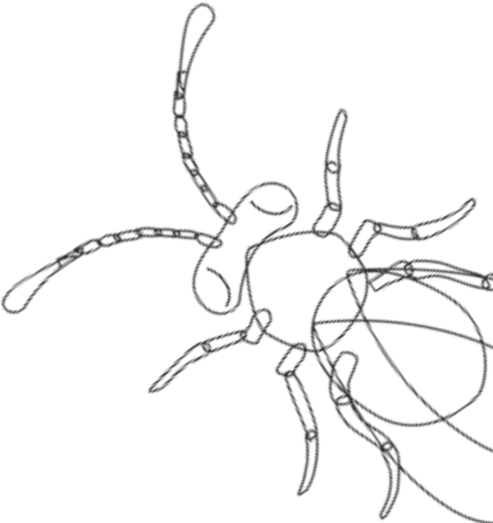
Integrated Pest & Disease Management

❖ Resistance Management

Resistance



❖ Residue Management, MRL's



Spreading her wings

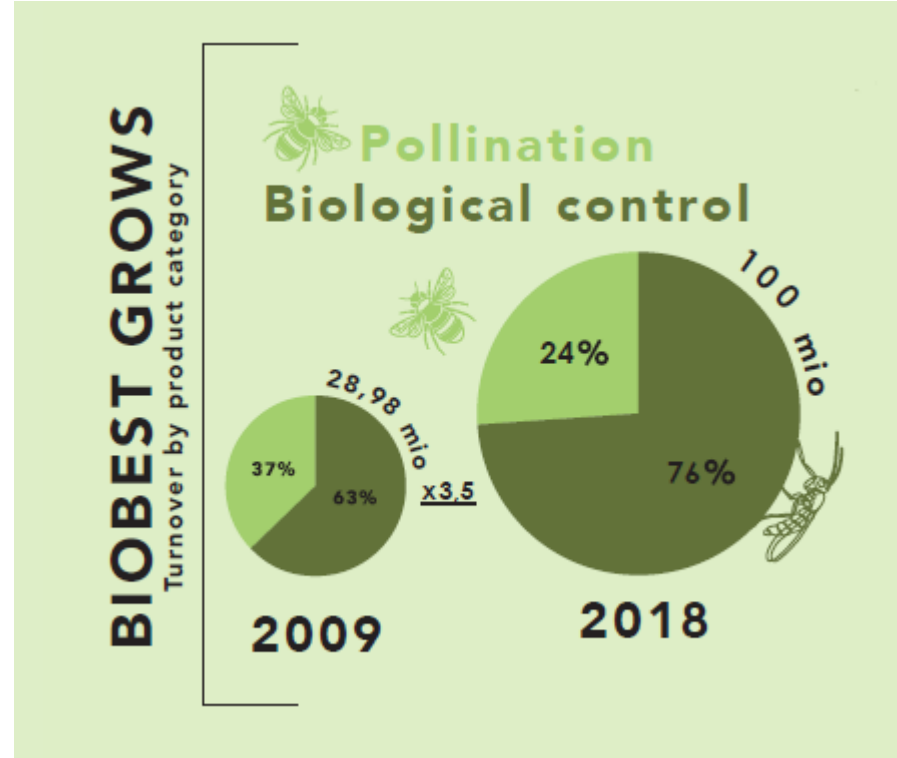
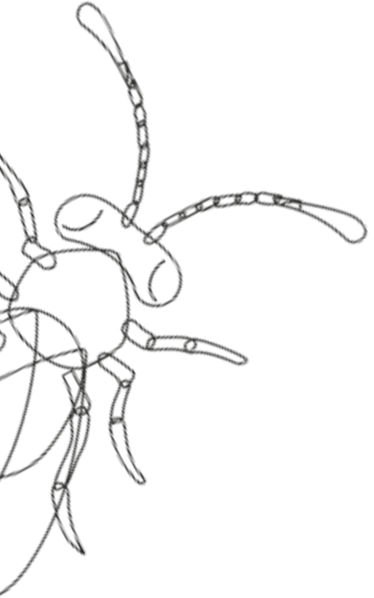
Worldwide at the service of
Sustainable Agriculture

Pollination

Yield Increase

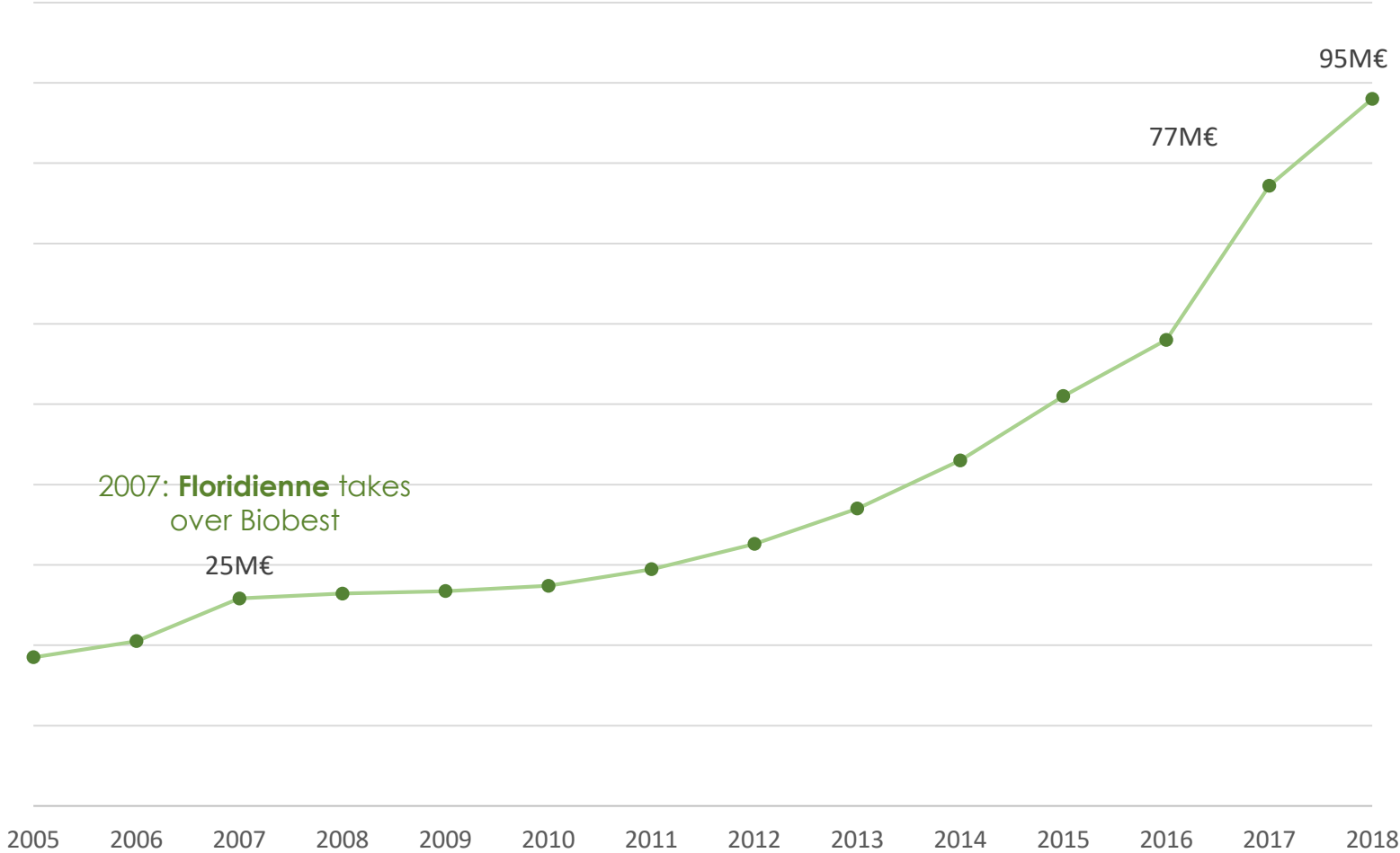
Biological Control

Pests/Diseases

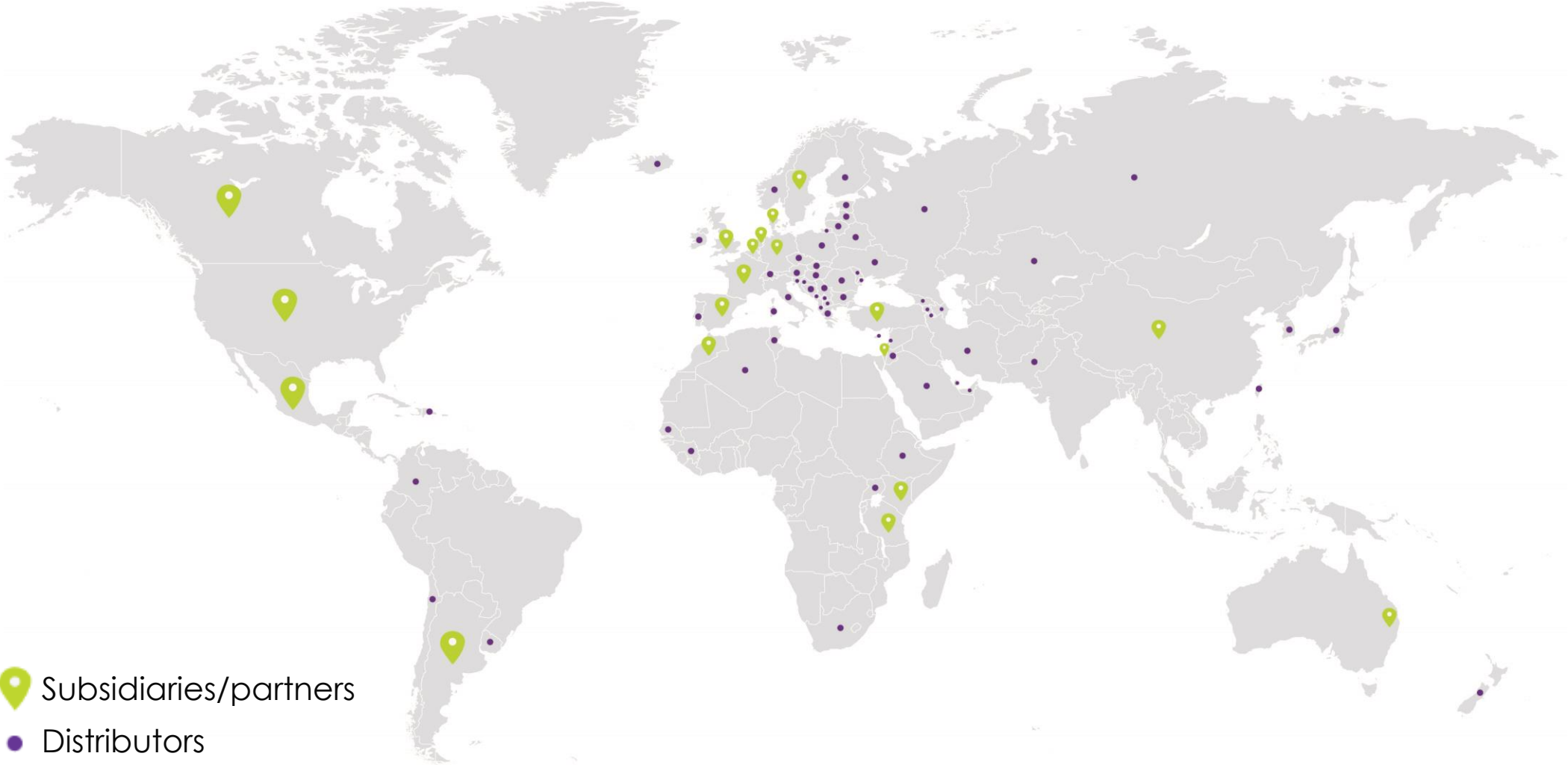


SALES

BIOBEST TURNOVER



Biobest worldwide



- Subsidiaries/partners
- Distributors

We take pride in helping growers succeed



Strong local experience



Our IPM & pollination specialists give technical support worldwide



