

Innovación en sistemas de liberación y tecnología sostenible



fruit attraction
**biofruit
congress**

5 de Octubre de 2023

eurofresh
Distribution



Cultivating **Bio**alliances



Innovative Release Systems

- Proven efficacy
- Easy & safe to use
- Flexible & adaptable
- Wide range of crops



Sustainable Technology

- Adaptable to climate changes
- Release technologies adapted to crops and pest/diseases needs



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Sharing Knowledge

- Helping growers and technicians become skilled in the applied biological technologies
- Biocontrol industry professionalization



Technical Support

- Biological crop strategies
- Cost adjustment
- Product forecasting

A person wearing a blue face mask and a white t-shirt is standing in a greenhouse, holding a white spray can and spraying a dense field of green tomato plants. The greenhouse has a metal frame and a translucent plastic covering. The plants are supported by black stakes and strings.

How could we release the beneficials
in a more comfortable, simple, quick,
homogeneous and effective way...?








...and, of course, sustainable and
environmentally friendly



¿Why innovate in release systems?



One of the pillars of Bioline is the development of innovative release systems, which allow the farmer to:

-  Faster application with consequent **labour savings**
-  **Simplicity and comfort** to make work easier
-  **Better distribution** of the product and location directly in hot spots
-  **Protection** against adverse conditions and better environment for beneficials
-  Increase in **quality, efficiency and establishment** in the crop
-  **Adaptation** to any crop system
-  **Sustainability and respect for the environment.** Recyclable and reusable / biodegradable materials



Innovative release systems

CONTROLLED RELEASE TECHNOLOGY

BREEDING SYSTEM (SACHETS)



RAPID RELEASE TECHNOLOGY

BLISTERS



MULTIWAVE RELEASE TECHNOLOGY

Tricholine



Innovative release systems

CONTROLLED RELEASE TECHNOLOGY

BREEDING SYSTEM (SACHETS)



Innovative release systems

RAPID RELEASE TECHNOLOGY

BLISTERS



Innovative release systems

MULTIWAVE RELEASE TECHNOLOGY





1989

Loose bran
in tube



1991

1st controlled
release system



2004

Gemini



2017

Stickline



2018

capsule
machine 1st
generation



2019

capsule
machine
2nd
generatio



2020

Drone release
system

Trichogramma
capsule
1st
generation
1990



Trichogramma
dispenser in
card
2004



Bugline
2007



Trichogramm
a capsule 2nd
generation
2017



Persimilis
Blister
2019



T booster
machine
T project
2020



Innovating to make our solutions easy to use, in different growing systems, protected and outdoors.

Offering different release technologies for preventive and curative pest management.



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ADAPTED TO:

Different crop systems



Stressfull conditions and climate change



Sustainable agriculture



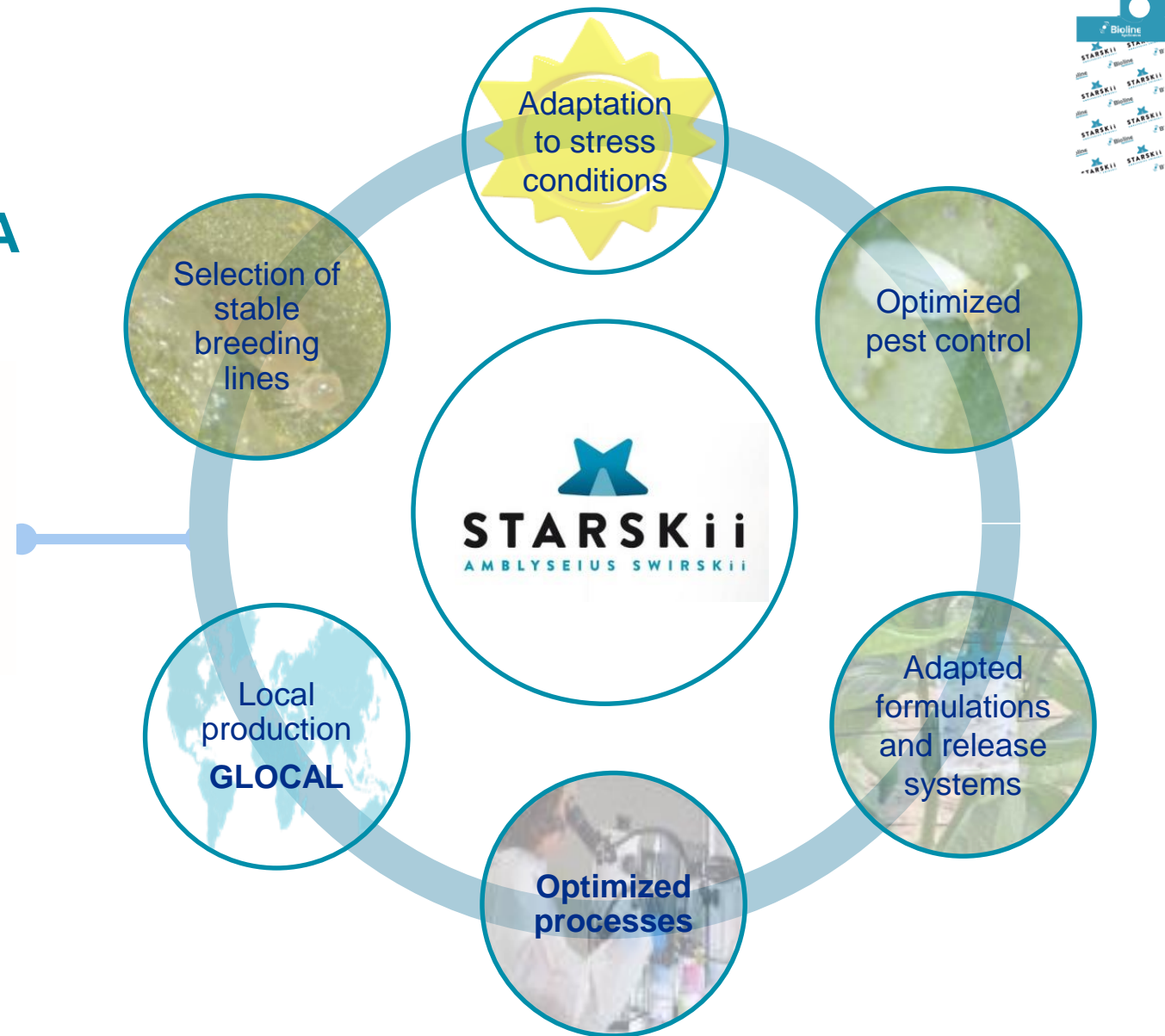
Development of

- Innovative release systems
- BCAs
- and strategies adapted to the most demanding conditions.

TECNOLOGÍA CART



ADDED VALUE +



Our 8 biofactories and services close to potential markets give us fast delivery around the world in 48 hours in more than 35 countries.

North of America

- 3 biofactories: Oxnard, Camarillo, Watsonville
- 3 subsidiaries: US, Canada, Mexico
- 1 R&D centre: Camarillo
- Technical sales: 14

Europe

- 4 biofactories: UK, France, Spain, Portugal
- 3 subsidiaries & offices: UK, France, Spain
- 3 R&D centres: UK, France, Spain
- Technical sales: 20

Africa

- 1 biofactory & subsidiary: Kenya
- 1 R&D centre: Naivasha
- Technical sale: 5



Producción



Envasado



Logística



Cultivo



Planta



Muchas Gracias por su atención

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PEST CONTROL



POLLINATORS



TRAPS



PHEROMONES



MONITORING



PERFORMANCE
ACCELERATORS