

Kwizda

Agro

PROTECT GROW SUCCEED



 **XILON**®

THE NEW ERA OF BIO-FUNGICIDES

Crop Science
Forum & Awards 2020
Online

Best New
Biological Product
WINNER



XILON[®] - Inspired by Nature

XILON[®] is the first next generation broad-spectrum soil fungicide for oilseeds and corn, inspired by nature, to improve plant and soil health, increase yield and benefit the land.

For progressive and caring growers

Farmers need more than just a fungicide, more than what current chemical and biological products have to offer. XILON[®] relies on the active ingredient T34, it boosts plant and soil health and at the same time, offers efficient and comprehensive pathogen control.

Key Factors of Success

- Better water and nutrient uptake
- Higher photosynthetic activity
- Mobilization of phosphor and iron
- In-furrow application makes additional steps in the field unnecessary (less water, fuel, labor, etc.)



1 Pathogen Control:

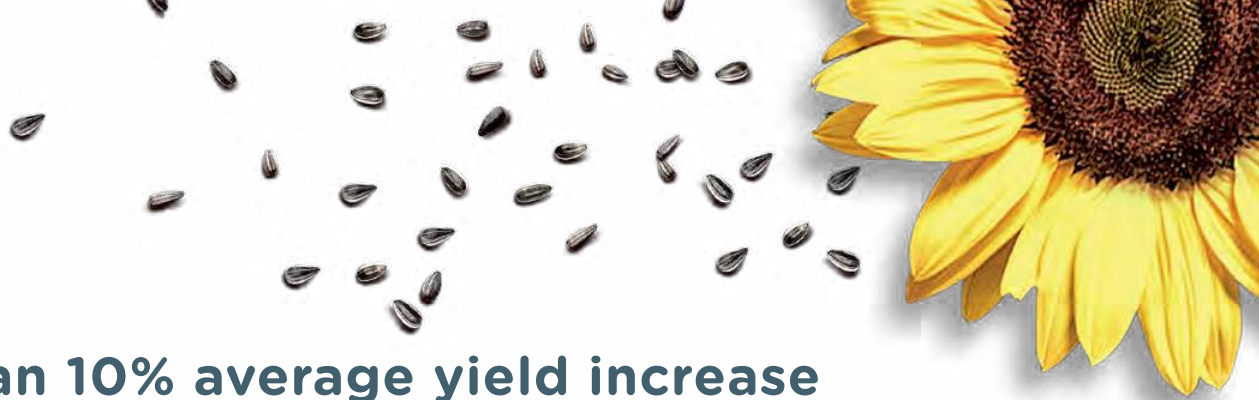
- Protects plants against Sclerotinia primary root infections and other soil-borne diseases
- Superior Trichoderma strain carefully selected through screening of over 300 strains
- Efficiency on target pathogen on par with foliar chemicals and better than soil or seed treatment biologicals as proven in more than 100 GEP trials and extensive farm trials

2 Plant Health:

- Better crop emergence
- Stronger fine rooting
- Higher leaf mass index
- Better photosynthetic activity

3 Soil Health:

- Improves organic matter decomposition leading to a better micronutrient availability
- Helps to restore a proper soil fauna
- Is selective to pathogens – no impact on soil



More than 10% average yield increase

XILON® shows a consistent yield increase proven in over 100 official GEP trials and 350 KOL trials in disease and no disease conditions. It provides stress-free plant care, which is good for farmers, good for the land and good for society.

+% yield increase

12
10
8
6
4
2
0



+ 6%

Additional yield
in soy



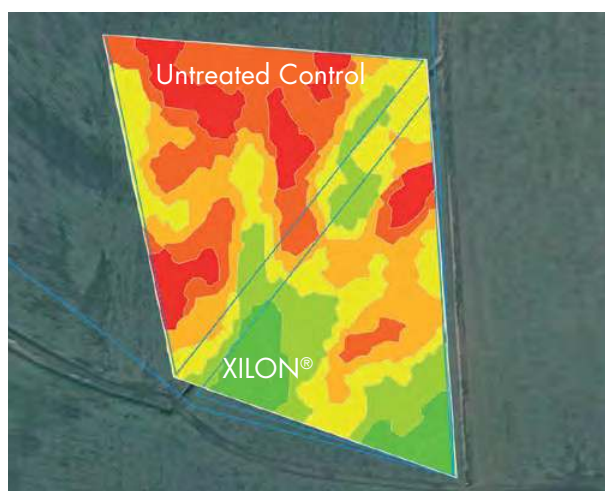
+ 8%

Additional yield
in corn



+ 12,5%

Additional yield
in sunflowers



XILON® improves abiotic stress control as proven with NDVI technology (green = fit; red = stressed)

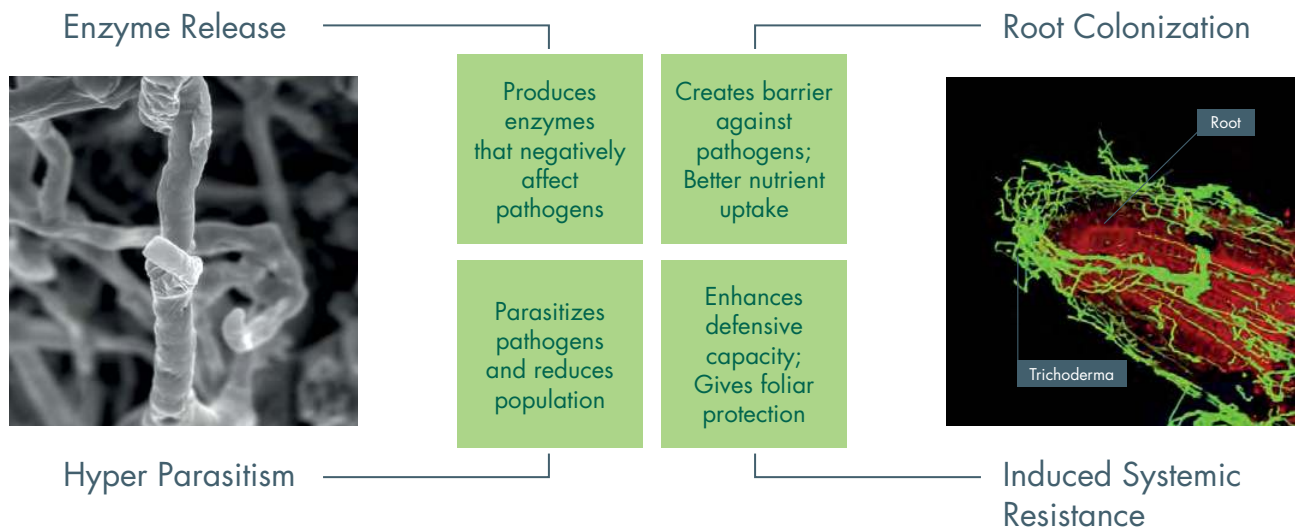


The XILON® treated plot shows a more even growth of the sunflowers with less infested plants.

XILON® is Best-in-Class

XILON®'s *Trichoderma asperellum**, or short T34, is a bio-fungicide of natural origin and registered under EU Regulation 1107/2009. As the first broad-spectrum soil fungicide, XILON® offers a biological solution for primary root infection where there has never been any before. XILON® has four distinct mode of actions and is part of a new FRAC class.

XILON® has 4 distinct Modes of Action



XILON® - The Future of Crop Protection

More and more chemical foliar fungicide sprays are under regulatory scrutiny and the use of chemicals increases the risk of resistance. Soil health, resource efficiency and sustainability are just some of the key factors of XILON®'s operating principles. XILON® enables farmers to do the right thing at the right time while protecting their crops, safeguarding beneficials, soil fauna and pollinators for future generations.

XILON® Fact Box

- Active Substance: *Trichoderma asperellum* strain T 34* (1 x 10 to 11cfu/ha)
- Formulation: GR – Microgranulate based on boosting carrier material

Crops and Indication:

- Corn (*Fusarium* spp.); Mycotoxin reduction**
- Sunflower and Soy: (*Sclerotinia sclerotiorum*)***

Application:

- In-furrow during seeding
- Spray application before seeding. XILON® has to be shallowly incorporated into soil after application (max.10cm)****
- Dose Rate: 10 kg/ha
- Pack size: 10 kg
- Shelf life and storage: 24 months under cooled conditions (4–8 °C); 6 months at room-temperature (app. 20 °C)



*The strain T34 is registered on Annex I; registration holder is Biocontrol Technologies, S.L. **From own trial experience ***Experiences from internal marketing trials showed that, XILON® shows diseases suppression on a broader range of soil pathogens such as: *Alternaria*, *Macrophomina* and *Phoma*. **** spray application will be registered from 2022 onwards.

AT: Product Reg. No.: 4201 | AZ: Product Reg. No.: 001266 | GER: Product Reg. No.: 00A662-00 | HU: Product Reg. No.: 6300/3084-1/2020 | CZ: Product Reg. No.: 5647-0 | PL: Product Reg. No.: R-122/2020 | RO: Product Reg. No.: 595PC/30.06.2020 | SLO: Product Reg. No.: U34330-84/2019/6 | SK: Product Reg. No.: 21-01059-AU

Kwizda Agro GmbH

Universitätsring 6 / A-1010 Vienna / T: +43 5 99 77 40
 F: +43 5 9977 10 - 280 / www.kwizda-agro.com/agro@kwizda-agro.at
[in](#) LinkedIn / [f](#) Facebook / [yt](#) YouTube

Use plant protection products with care. Always read label and product information before use.

