

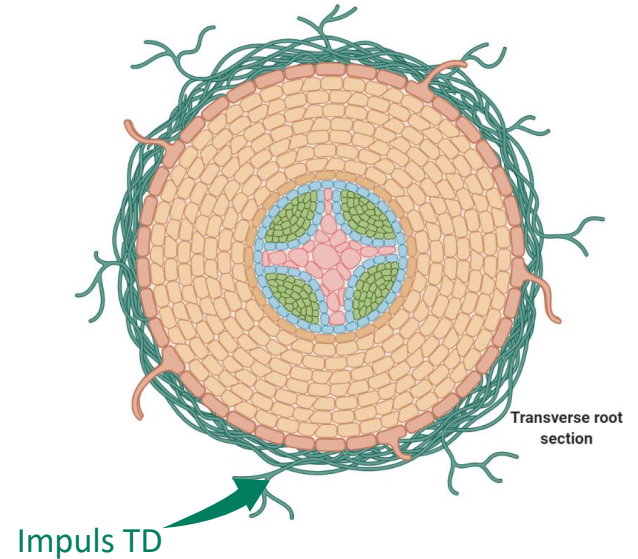
# IMPULS TD®

Strong throughout the summer

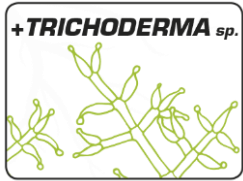


# IMPULS TD®

- Biostimulant based on Trichoderma ( $10^8$  CFU/g)
  - Originating from the root environment of dicots
  - Selected based on their capacity to colonize the roots
- Impuls TD:
  - TD = Trichoderma Dicot
  - Mix of 6 isolates
  - Active in  $\neq$  circumstances  $\rightarrow$  increased effectiveness



# MODE OF ACTION



feeds on organic matter



accelerates the release of nutrients from organic matter



more nutrients available for the plant  
(N, P, K + micronutrients)

- Those extra nutrients provide:
  - **An increased resistance to abiotic stress,**
  - Better rooting,
  - **Better growth aboveground,**
  - Better quality plants,
  - A higher success rate in sowing and cuttings.

# TRIAL - TOMATOES

🔍 Help the plants during summer (period of stress)

Trial data	
<b>Variety</b>	Prunus
<b>Plant date</b>	4/12/2019 (week 49)
<b>Substrate</b>	Rockwool
<b>Drip treatment</b>	30/06/2020 and 1/09/2020
<b>Location</b>	NL

👁 Observation from the grower in the IMPULS TD object:

- Visually better fruit set
- Visual reduction of blossom-end rot

→ increased resistance to abiotic stress

Failed fruit set			
Week 36	Blanco	Impuls TD	%
<b>Total</b>	<b>31</b>	<b>17</b>	<b>-45%</b>
pl1	4	1	
pl2	6	1	
pl3	1	2	
pl4	1	1	
pl5	2	0	
pl6	5	2	
pl7	5	5	
pl8	3	3	
pl9	2	1	
pl10	2	1	

Blossom-end rot (kg)			
Week 38	Blanco	Impuls TD	%
<b>Total</b>	<b>56</b>	<b>39</b>	<b>-30 %</b>
Path A	25,72	14,92	-42
	9,53	5,98	-37
Path B	13,09	9,71	-26
	8,04	8,08	0

# TRIAL - BELL PEPPER

🔍 Higher biodiversity in the inert rockwool slabs

Trial data A	
Variety	Maranello
Planting date	20/11/2019
Substrate	Rockwool
Drip treatment	27/01/2020, 27/03/2020, 08/06/2020
Location	NL

Trial data B	
Variety	Gialte
Planting date	28/11/2019
Substrate	Rockwool
Drip treatment	31/01/2020, 18/03/2020, 12/06/2020
Location	NL

Root colonisation	Impuls TD	Blanco
06/04/2020	100%	0%
08/06/2020	100%	0%
03/09/2020	33%	0%

Root colonisation	Impuls TD	Blanco
12/06/2020	75%	0%
06/10/2020	92%	0%



Observation in the treated object:  
- Good colonisation of Trichoderma

# PLANTINGS OF ASPARAGUS

- Q Smooth start of young production plants after dipping in Impuls TD solution



- 👁 Observation in the treated objects:
  - Good colonisation of Trichoderma
  - Higher biodiversity of the rhizosphere
  - Better resistant against abiotic stress (heat, drought)

# GET INSPIRED

- tomato
- bell pepper
- strawberry
- asparagus
- tree nursery
- ...

