

DEEPVELO Inc.

Water efficiency for agriculture

DEEPVELO Inc. develops ZOECORE for agricultural water treatment, with a focus on water use in crop production.



Full Catalogue

ZOECORE
MP433XC Series 5 (2025)



ZOE CORE

Irrigation-water
treatment

For Canadian commercial
greenhouse operators



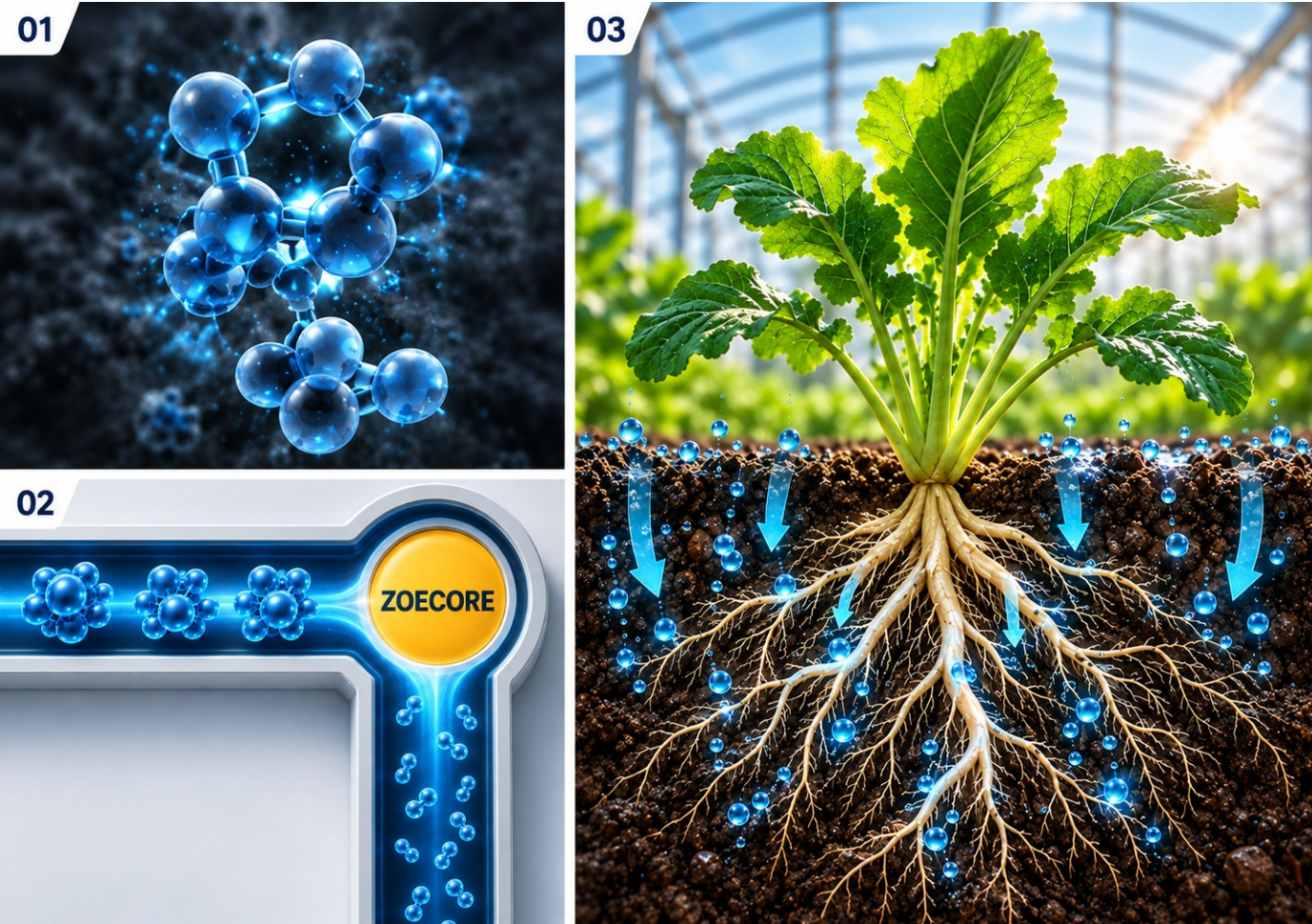
Illustrative greenhouse setting



MP433XC Series 5 (2025)

Height	5.8 ft · 1780 mm
Width	3.4 ft · 1030 mm
Depth	1.9 ft · 580 mm
Weight	805 lbs · 365 kg
Water capacity	4 ton/h · 16 gal/min
Power	1050 W/hr

Specifications as supplied by the manufacturer.



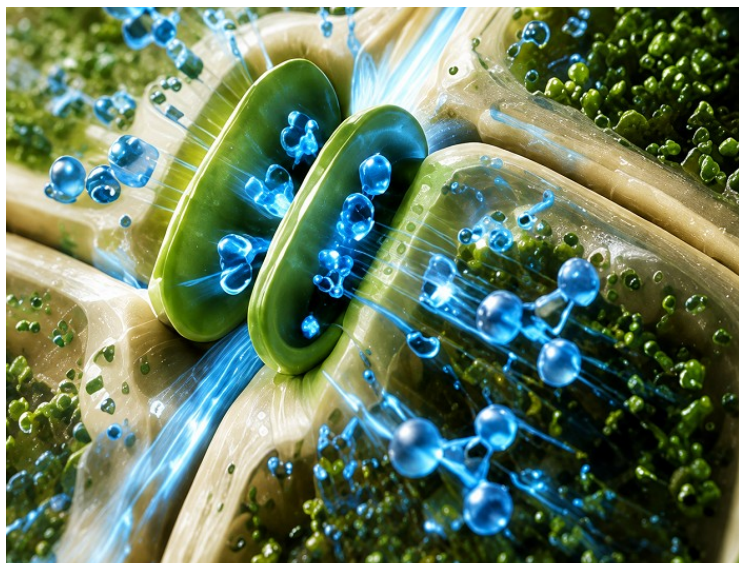
Manufacturer's illustration of the proposed mechanism

Make Every Drop Count

Water Treatment ·
Root Water Uptake

The manufacturer's concept links water treatment with root water uptake.

Water, roots and crop development



Water Uptake

Root water uptake is a focus of the manufacturer's concept.



Healthy Growth

Plant development is a focus for site evaluation.



Yield Potential

Crop performance is an area for evaluation.

Upstream of nutrient mixing

Conceptual irrigation-water treatment position

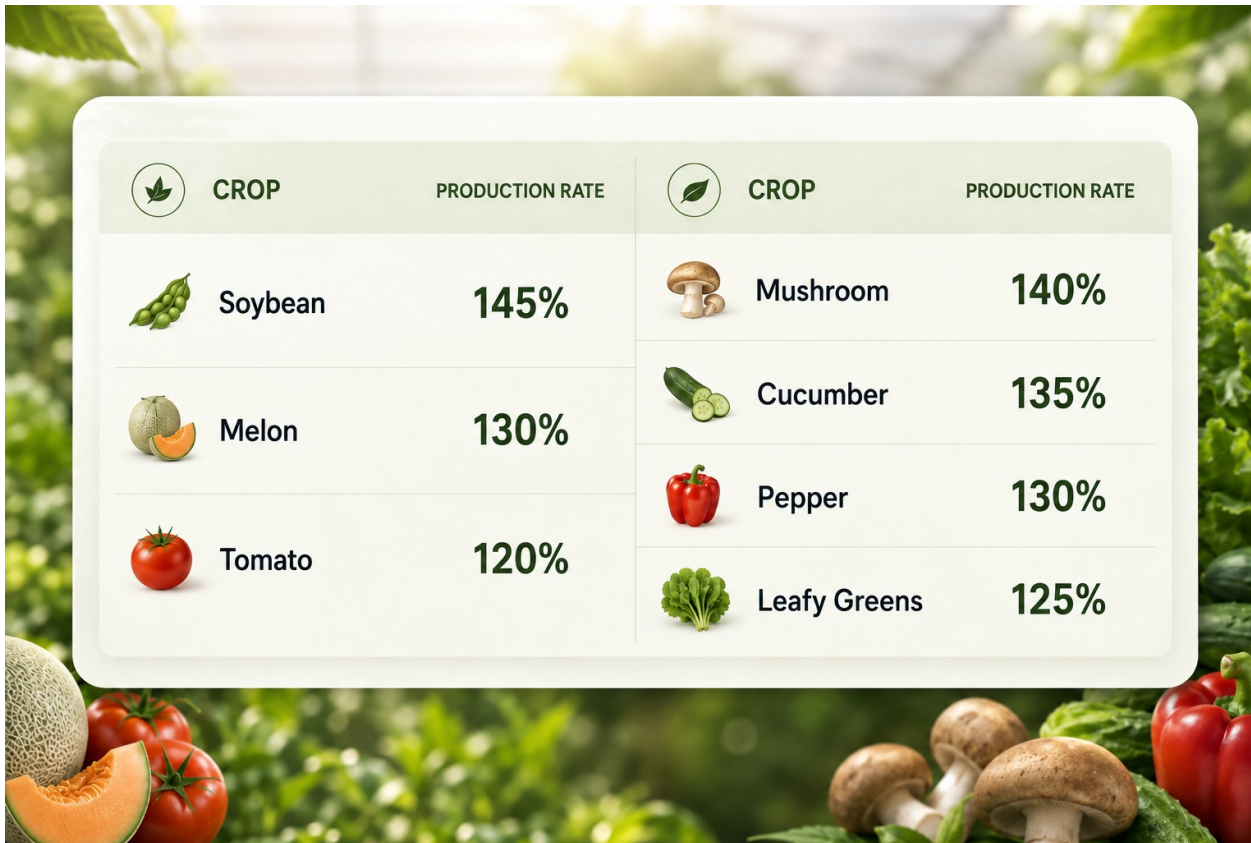


System fit

Source-water quality, required flow and the existing fertigation layout form the basis of a site-specific discussion.

Conceptual layout. Site-specific installation details require manufacturer confirmation.

Manufacturer crop summary



 CROP	PRODUCTION RATE	 CROP	PRODUCTION RATE
 Soybean	145%	 Mushroom	140%
 Melon	130%	 Cucumber	135%
 Tomato	120%	 Pepper	130%
		 Leafy Greens	125%

Reported production rates

Seven crop categories
Source: manufacturer materials

Manufacturer-reported production rates. Site results may vary.



Product and trial enquiries

Tomatoes, peppers
and cucumbers

Enquiry details

Crop and growing area
Source water and irrigation system
Required flow
Evaluation goals

Enquire about a ZOE CORE trial

Trial availability and terms are subject to manufacturer confirmation.

GBC Vancouver
Business matching and contact facilitation