



Session 3: 1:30 PM TO 3:00 PM: Boosts to Enrich Soil & Beneficial Plant Traits for Production of Agri Products



Moderator: David J. Glass, *President*, D. Glass Associates, Inc.

Speakers:



Jamie Bacher
CEO
Boost Biomes



Ben Cloud
CEO
Biodel AG Inc



Keith Matthews
Of Counsel,
Wiley Rein LLP



Chad Pawlak Sr.
CEO
Locus Agriculture
Solutions



Josh Silverman
CEO
Windfall

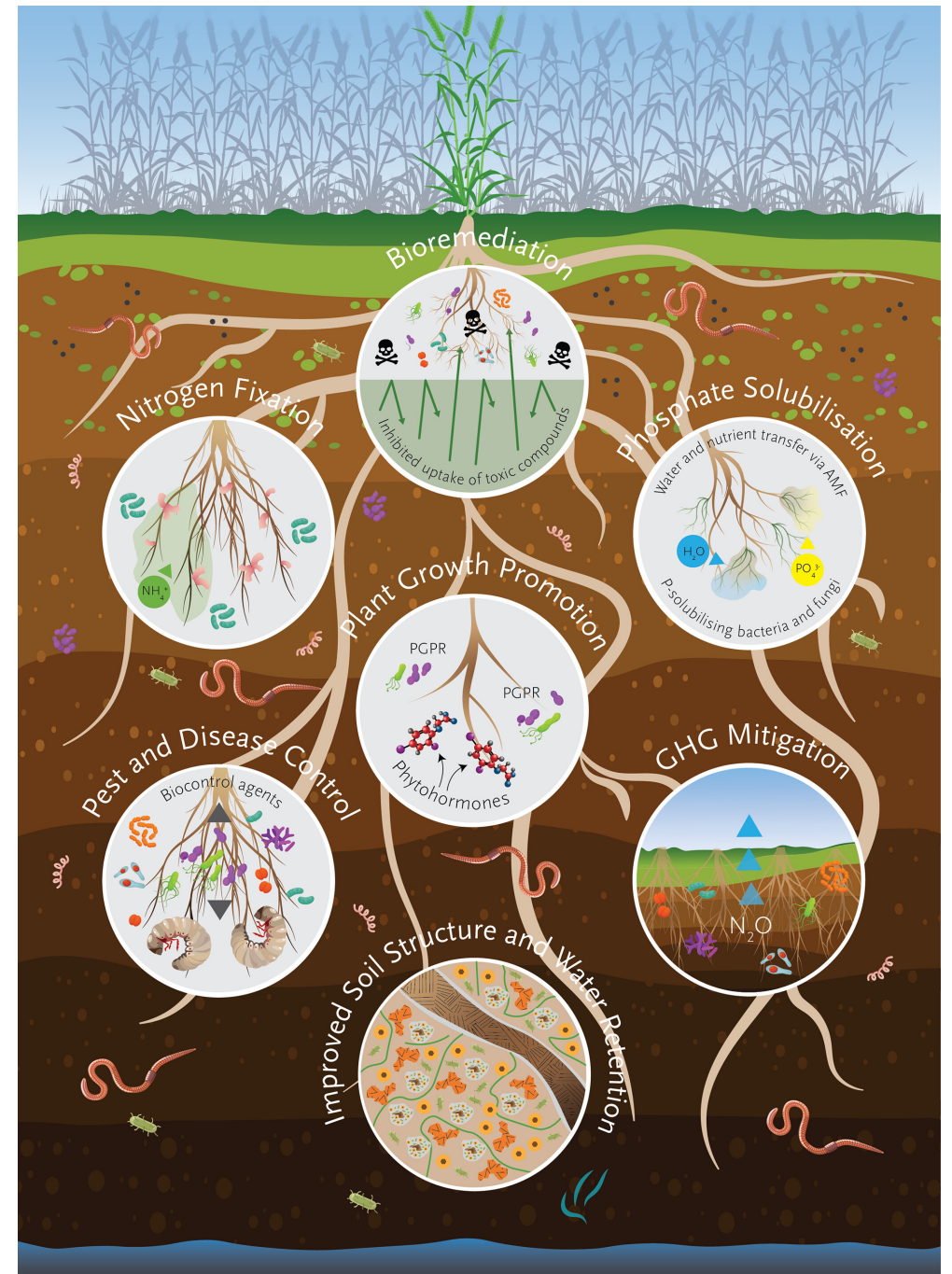


Kristi Snell
*Chief Science
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Research*
Yield10

Potential Uses of Soil Microbial Inoculants

- Bioremediation
- Nitrogen Fixation
- Plant Growth Promotion
- Phosphate Solubilization
- Pest and Disease Control
- Greenhouse Gas Mitigation
- Improved Soil Structure and Water Retention

Source: O'Callaghan, M., Ballard, R. A. & Wright, D. (2022). Soil microbial inoculants for sustainable agriculture: Limitations and opportunities. *Soil Use and Management*, 38, 1340–1369. <https://doi.org/10.1111/sum.12811>



Biostimulants: company landscape

Microbial biostimulants

Natural product biostimulants



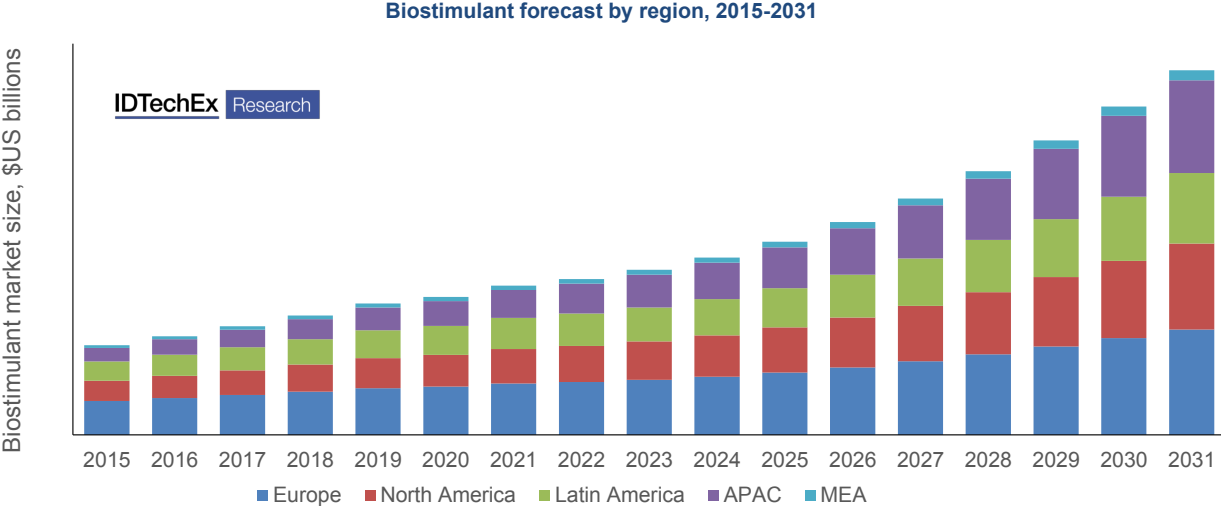
Global Biostimulants Market:

\$3.34 billion in 2022, to grow to \$7.97 billion by 2030
([Fortune Business Insights 2023](#)).

\$3.5 billion in 2022, to grow to \$6.2 billion by 2027
([Markets and Markets 2022](#)).

\$3.7 billion in 2023, to grow to \$6.6 billion by 2029
([Mordor Intelligence 2023](#))

Global biostimulant market forecast by region



Source: IDTechEx, “Biostimulants and Biopesticides 2021-2031: Technologies, Markets and Forecasts”. <https://www.idtechex.com/en/research-report/biostimulants-and-biopesticides-2021-2031-technologies-markets-and-forecasts/773>

Global Biopesticides Market:

\$5.2 billion in 2021, to grow to \$12.2 billion by 2028

([Vantage Market Research 2023](#))

\$6.7 billion in 2023, to grow to \$13.9 billion in 2028

([Markets and Markets 2023](#))

Global Microbial Soil Inoculants Market:

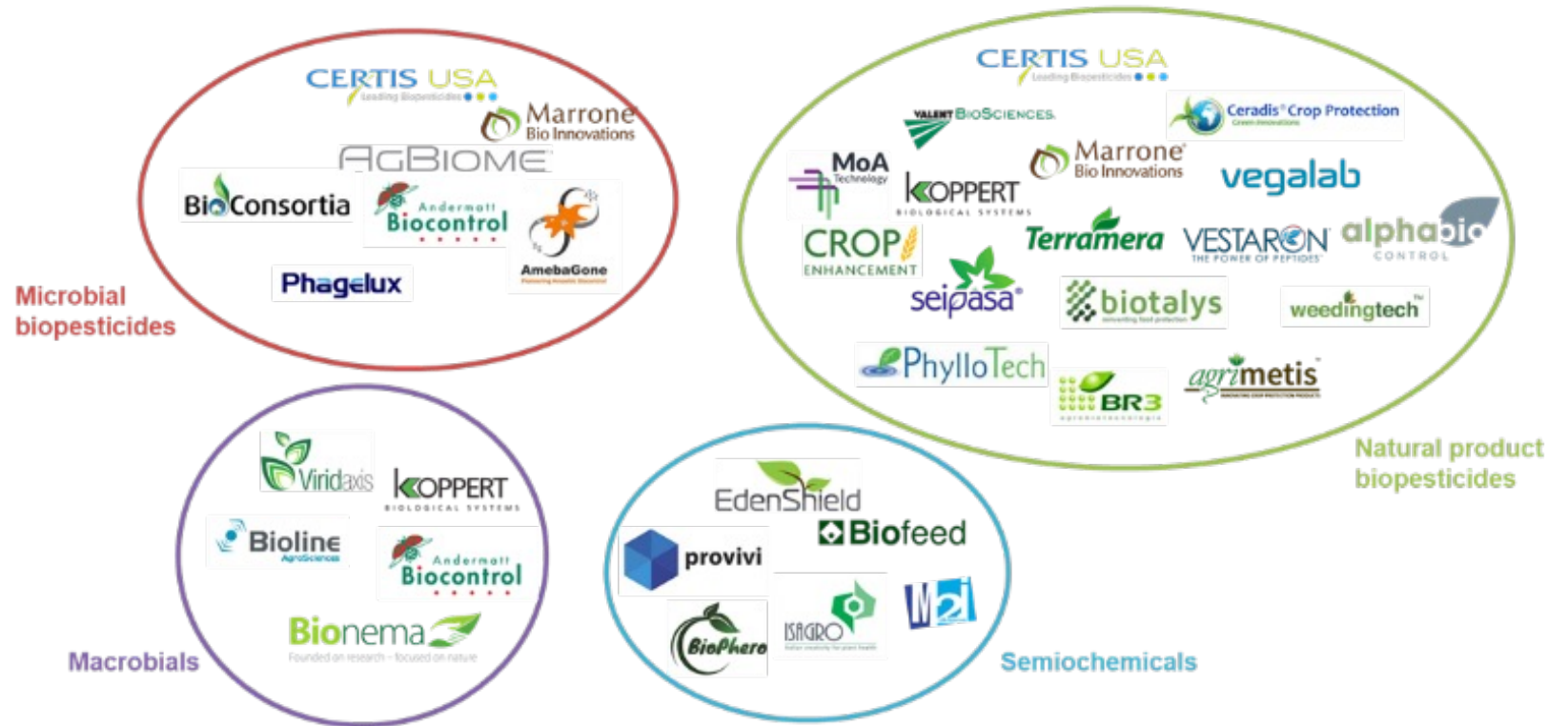
\$450 million in 2021, to grow to \$750 million by 2026

([Market Data Forecast 2023](#))

\$428 million in 2021, to grow to \$950 million by 2029

([Data Bridge Market Research 2022](#))

Biopesticides: company landscape



Source: IDTechEx, “Biostimulants and Biopesticides 2021-2031: Technologies, Markets and Forecasts”.
<https://www.idtechex.com/en/research-report/biostimulants-and-biopesticides-2021-2031-technologies-markets-and-forecasts/773>