

Innovation at Scale: Fermentation of Plant Protein

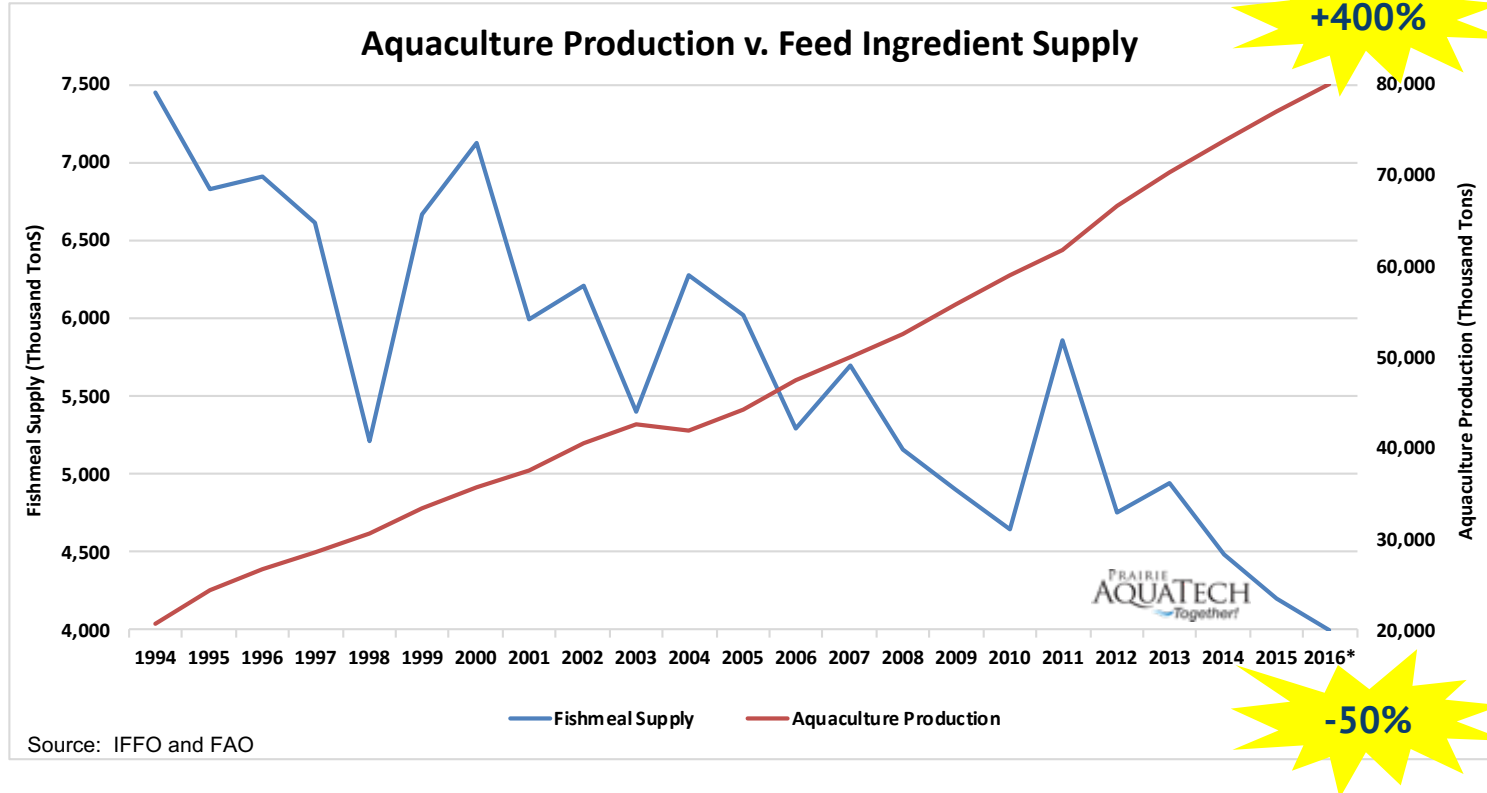


PRAIRIE
AQUATECH
Together!



Mark Luecke, CEO

Supply and Demand



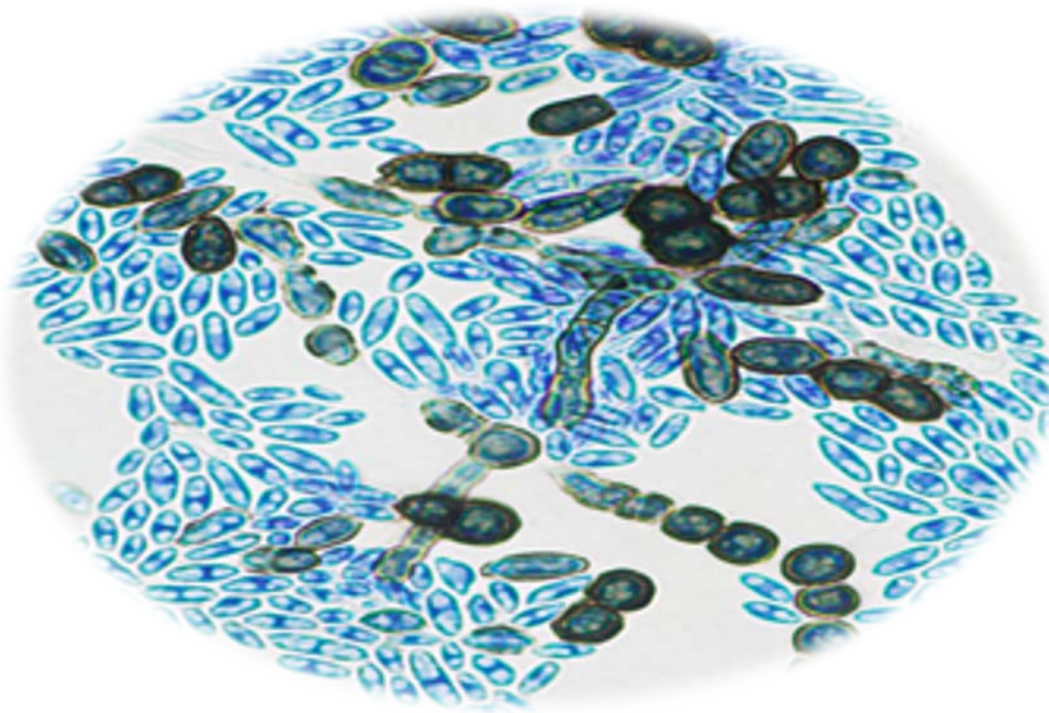
➤ Prairie AquaTech's Mission

We make better ingredients for better feed and food.

1. Better Material Source
2. Better Product Performance
3. Better Environmental Impact



➤ Microbial Enhancement Platform



>70%
ME-PRO®
High N and P
Digestibility
(NO ANF!)

➤ Technology Scale-Up



**ME-PRO®
Testing**



**ME-PRO®
Production**



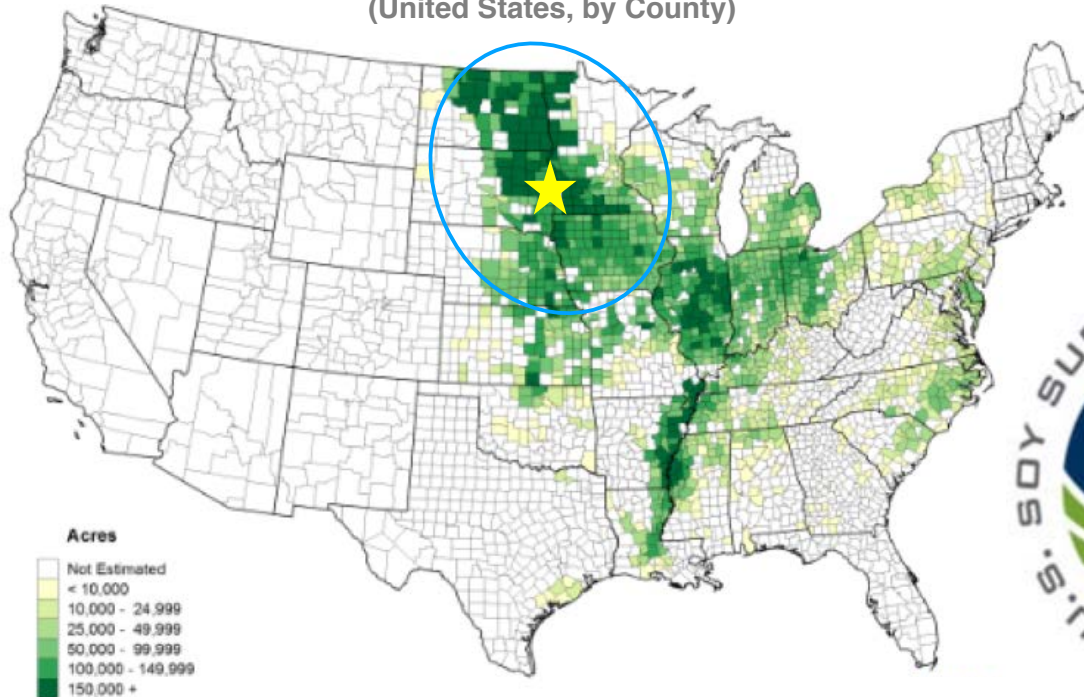
Innovation at Scale

YouTube *"Helping to Produce Food for the World"*



ME-PRO® – Better Material Source

Soybean Acres
(United States, by County)



➤ ME-PRO® – Supply Chain Innovation

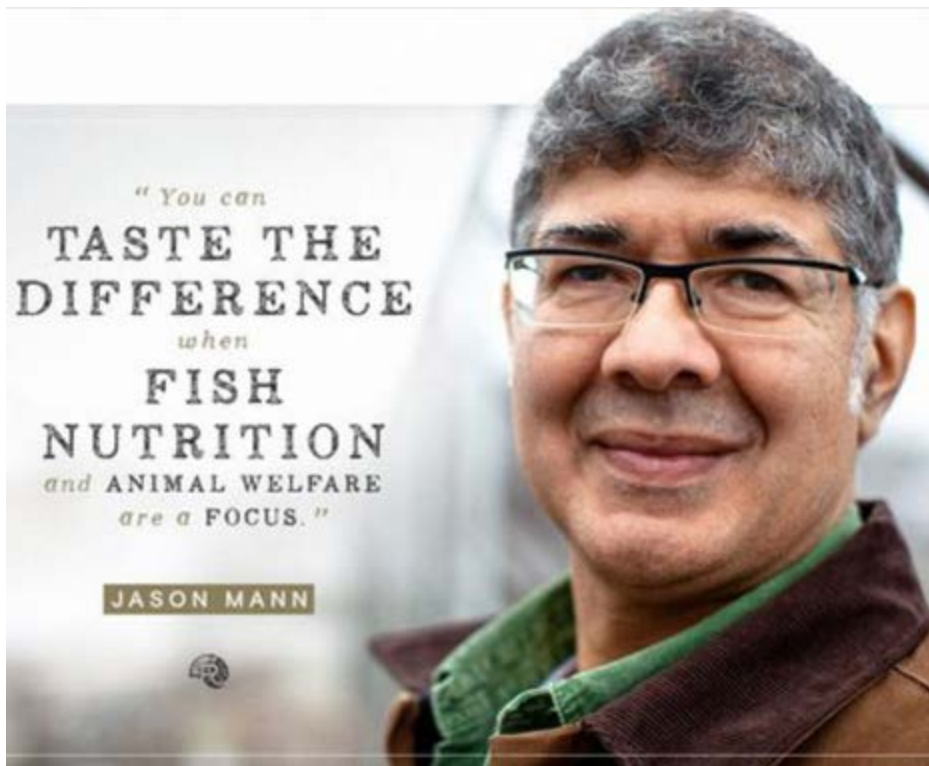
Transparency

Certified Grower (Investor) Network

- Seed
- Agronomy
- Quality
- Marketing
- Processing



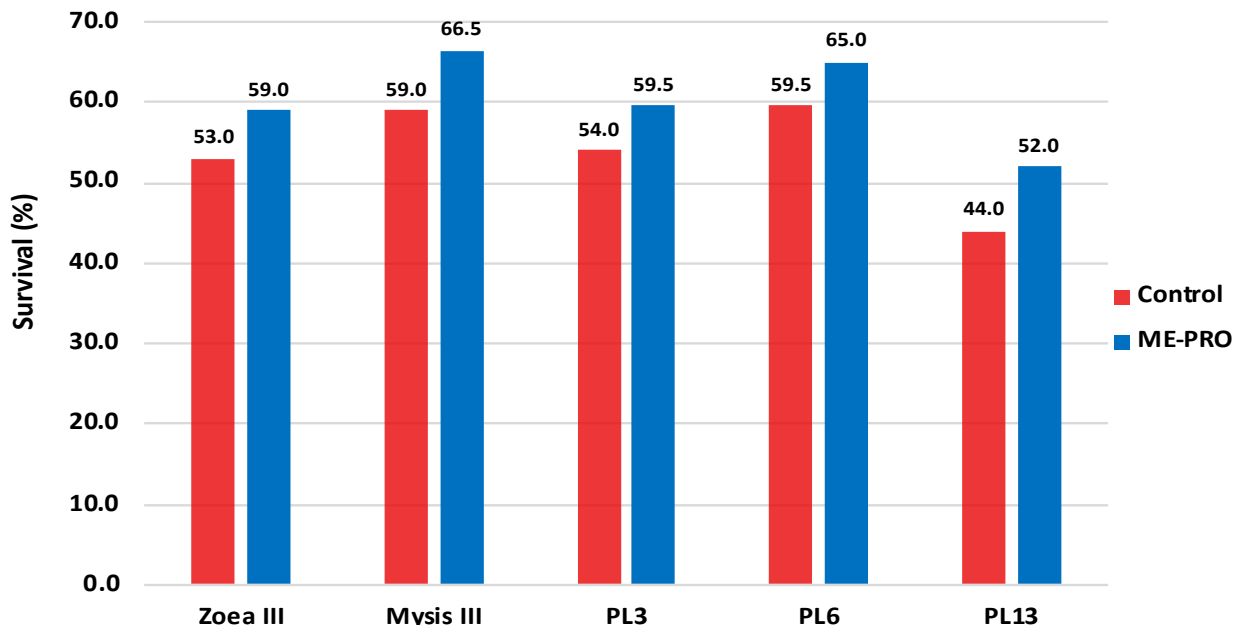
➤ ME-PRO® – Better Material Source



"I am impressed with Prairie AquaTech's determination in developing a promising new ingredient made from traceable and sustainable USA soybeans. Taking ME-PRO to commercial scale and manufacturing it in the USA is very positive for all of us in the global aquaculture sector. I encourage the use of ME-PRO in salmonid diets!"

ME-PRO® – Better Product Performance


Sumacua Survival Rate of *L. vannamei* Larvae
(Honduras, November 2019)



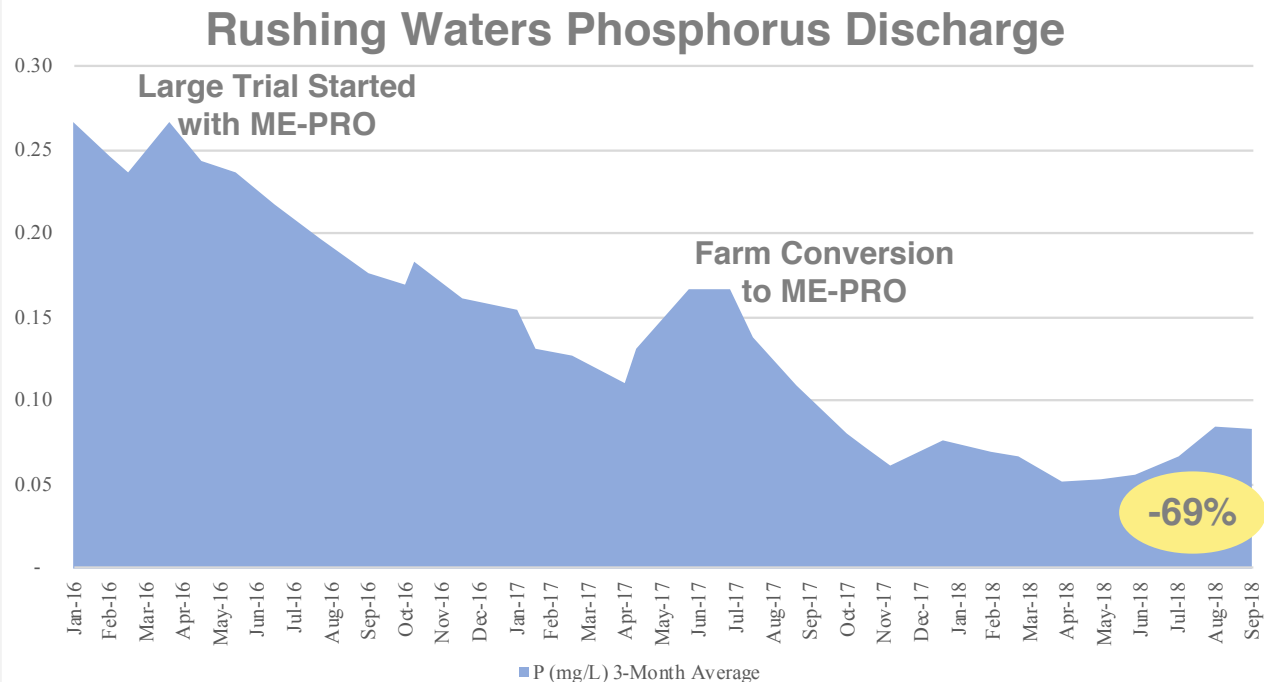
Note: Control = Top-Selling Commercial Feed; ME-PRO = 50% Inclusion Rate



ME-PRO® – Better Product Performance

 YouTube *"A Shrimp Farmer's Dream"*

➤ ME-PRO® – Better Environmental Impact



ME-PRO® – Better Environmental Impact

 YouTube *"The Diet Made the Difference"*

➤ ME-PRO® – Global Recognition

Aquafeed.com announces winners of Aquafeed Innovation Awards 2019

by Aquafeed.com Staff

06/12/2019

Geelen Counterflow and [Prairie Aquatech](#) were the 2019 winners of the Aquafeed Innovation Awards, for Technology and Ingredients respectively. Judges were most impressed with the cost savings afforded by the electric dryer from Geelen Counterflow and [Prairie Aquatech's ME-PRO](#) - one of the few alternative proteins to be commercially available. The awards were presented during Victam International, the feed industry trade show, taking place June 12-14, 2019.

Innovation & Investment

Innovation Award 2020 finalist: ME-PRO® from Prairie AquaTech

Monday, 14 September 2020

By James Wright



For South Dakota-based aquafeed ingredient maker, digestibility is as important as sustainability



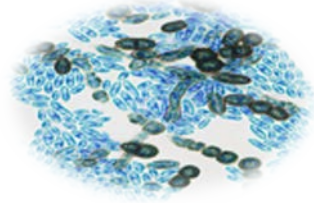
ME-PRO®, a plant-based protein ingredient manufactured in South Dakota, is one of three finalists for the Global Aquaculture Alliance's annual Global Aquaculture Innovation Award. Photos courtesy of Prairie AquaTech.

➤ ME-PRO® – Global Impact



➤ ME-PRO® – More Than An Innovative Ingredient...

- Microbial Enhancement Platform
- Plant Protein Biorefinery, Zero Waste
- Invested, Transparent Supply Chain
- Application Testing, All Species / Stages
- Partnerships With Our Customers



THANK YOU!

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AQUATECH
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