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Global Leaders in Agriculture

2.2 billions gallons of Ethanol produced annually

- Two wet mill corn Processing facilities
- 22 dry mill corn processing facilities

#3 Corn Production

- > 90% US corn grown is used for animal feed
- < 10% US corn grown is directly used for human food
- \$0.10 lower per bushel compared to multi-region average

22 dry mill corn processing facilities producing:

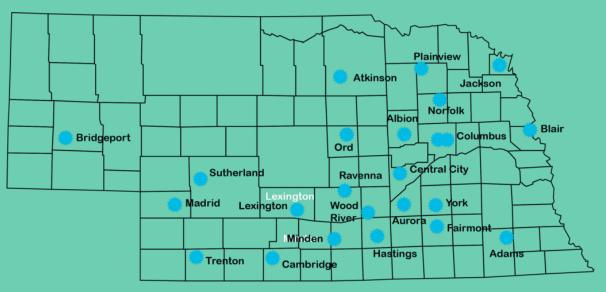
- Ethanol
- Corn distillers oil
- Wet or dry distillers grain

- Yeast protein
- Biogenic CO2

2 wet mill corn processing facilities producing:

- High Purity Sugar
- Starch
- Ethanol
- Corn Oil

- Germ meal
- Gluten meal
- Gluten feed
- Biogenic CO2



Potential for clean sugar production with retrofits

Renewable Energy

Omaha Public Power District

- 35% retail energy sales are renewable. 32% wind
 - Currently building out an additional 600MW of solar power.
 - Goal: Net Zero by 2050
- Average industrial rate: 6.97 cents/kWh (19.1% below the national rate)
- Ranked #1 in the nation by US News and World Report for power grid reliability.

How to arrange 100% renewable energy

- OPPD currently offers rate 261M, which provides the opportunity for a 100% renewable energy structure for large customers seeking 20+ MW. This is currently being used by both Meta and Google in their Nebraska operations.
- OPPD is flexible to explore creative options for renewable generation and use by companies.

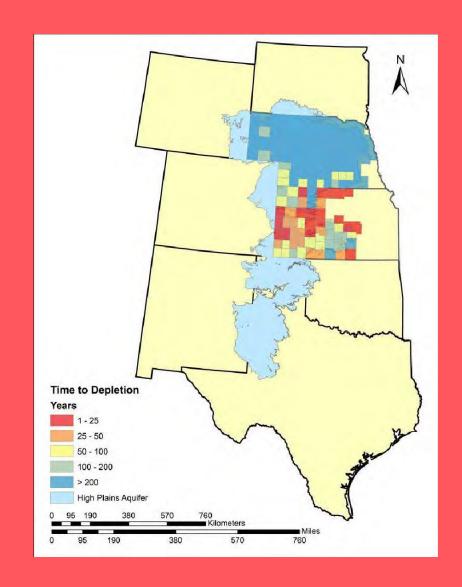
'Behind the Meter' generation

- OPPD welcomes companies to generate their own renewable energy 'behind the meter,' and can help prospects with expertise and guidance.
- OPPD has worked with companies like LinkedIn and Valmont Industries to build 'behind the meter' solar generation for their locations.



Commitment to Conservation

- Using modern techniques to minimize inputs & tillage
 - Conserving the water, top soil, and soil health while increasing productivity
- National leader in water management
 - Stayed within 1% of predevelopment levels
 - U.S. Department of Homeland Security 2015 study predicted stable water levels for at least the next 200 years



Why Nebraska?

TALENT

Overview

- #6 "Best States for Education" (U.S. News and World Report, 2019)
- 31% Bachelor's Degree or Higher
- 28,000+ College Grads Per Year
- 38% Growth in STEM Degrees since 2006
- New Fermentation Major at University of Nebraska Lincoln dedicated for the industry.
- Right to work state.
- 69% Labor Force Participation.



3.5x more concentrated in biochemical manufacturing



5.9x more concentrated in ag chemical manufacturing





















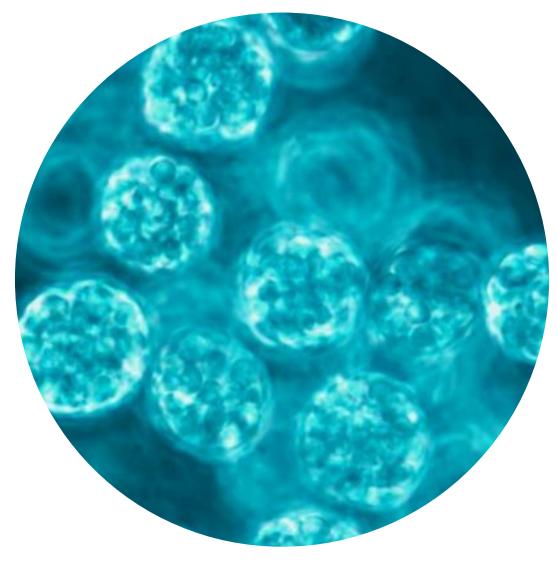
Nebraska Renewable Chemical Tax Credit Program

Nebraska incentivizes the development of renewable chemicals intended to stimulate the vibrant biotechnology and bioproducts sector.

- Eligible businesses may receive 7.5c per gallon of renewable chemical produced, up to \$1.5 M in refundable tax credits per year.
- Eligible Business include:
 - Companies that produce at least 1 million pounds of renewable chemicals in Nebraska during the calendar year.
 - Be physically located in Nebraska

ALGAE OIL

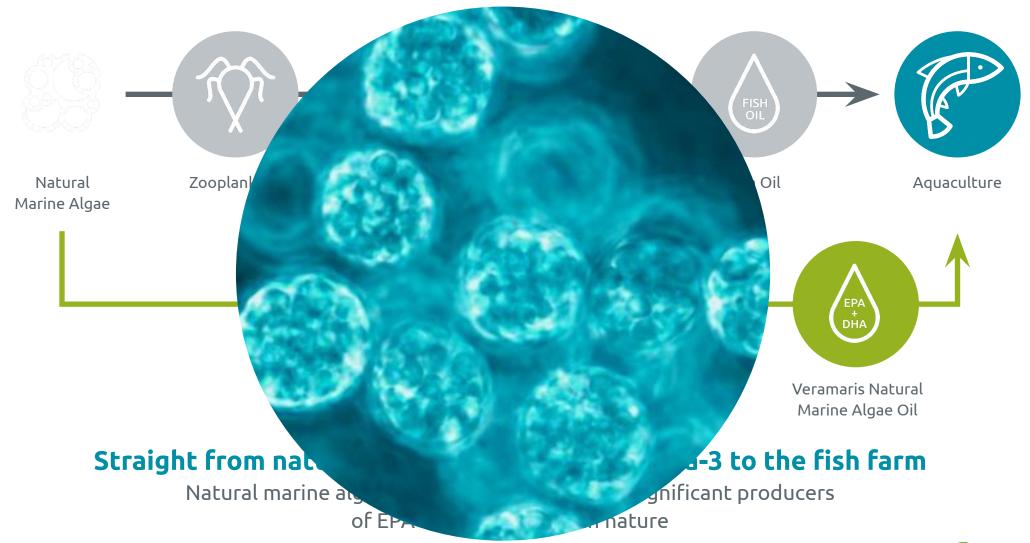
THIS IS WHAT WE PRODUCE IN NEBRASKA





ALGAE SECURES

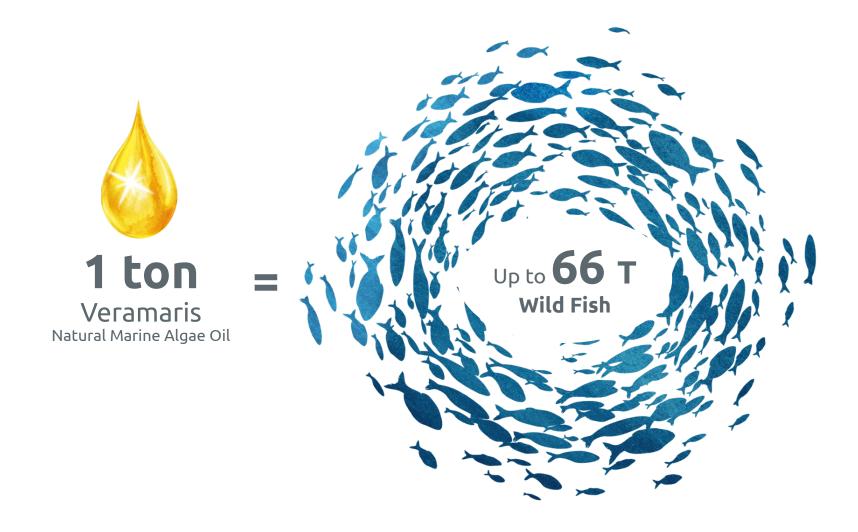
YOUR EPA & DHA OMEGA-3 SUPPLY





BIODIVERSITY

CREATING IMMEDIATE SUSTAINABILITY IMPACT





HOW IT'S MADE?

ALGAE & SUGAR ARE TWO MOST IMPORTANT INPUT INGREDIENTS

Uniquely rich microalgae

6,500 different microalgae were researched, catalogued, and patent protected, to identify the very best. Thanks to proprietary biotechnology (**non-GMO**), involving a process of selection and cultivation, Veramaris **natural marine algae** are elevated to **superior EPA & DHA levels**.

Corn sugar from Nebraska

Veramaris is using **locally sourced corn sugar** for its production process coming from 16 local counties. Corn is a **critical carbon source** for the production.

Supportive ingredients

Salts
Nutrients
Acids
Vitamins
Water

Large-scale fermentation

Veramaris microalgae passes through several fermentation stages before landing into one of 5 large-scale fermenters:

- Lab fermentation
- Seed fermentation
- Scale-up fermentation



WIN-WIN COOPERATION BETWEEN DSM & EVONIK JOINED FORCES OF 2 BIOTECH LEADERS

Processes

Specialist in developing industrial biotechnology processes.

Large-scale fermentation

Know-how in operating large-scale manufacturing of fermentative amino acids.





Algae cultivation

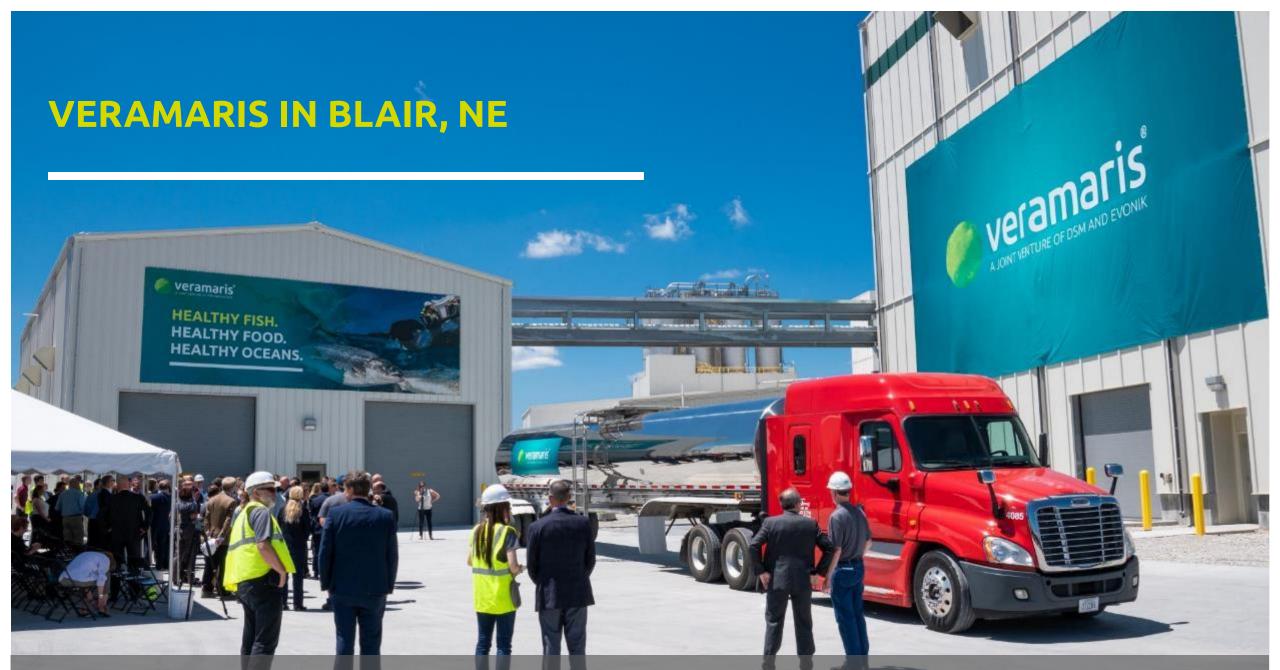
Specialist for the cultivation of marine organisms including algae

R&D

Biotechnology capabilities in development and operations







\$ 200m investment | 6,500 proprietary strains of natural algae | 150 patents