



Shell Shock

FROM IDEA TO IPO



“Sustainability should not be a compromise.” - 2015



Our Vision

We believe that sustainability should not require our customers to compromise on price, convenience or performance



tidalvision.com - 2026

Chitosan's unique properties provide the foundation for building our scalable solutions.



Abundant -

Derived from the second most abundant biopolymer on Earth.



Modifiable -

Building block for new possibilities.



+ Biopolymer

Only polysaccharide biopolymer with positive electrostatic charge.



Novel Plant Elicitor

Chitosan activates a plant's natural defense system unlike any other compound.



Chitosan is biodegradable, safe and nontoxic.

Our Momentum

100%

YOY CAGR
since 2019

400+

Employees
& Growing

1,000+

Thriving
Customers

\$100M+

Revenue
Run Rate

Series B Funding → \$140 Million

Our Mission

Create positive & systemic impact for the critical industries that sustain life.

Our Integrated Approach

Automates delivery for seamless adoption, provides powerful data, and creates highly recurring revenue at industry leading margins.



Commercial Divisions



Economical & sustainable water treatment chemistries that outperform synthetics.
First ever EPA Safer Choice coagulant.



Solving some of agriculture's greatest challenges for a healthier population and planet.
Strong EPA & USDA support.



Safe & nontoxic performance material solutions with integrated partnerships.
Joint development with leading manufacturers.



GHITOSOLV™ the Waste out of your Water



A new biomolecular approach to treating wastewater and recovering nutrients from your process water. Produce higher solids, lower volume sludge that is clean for fertilizer and animal nutrition applications.



Reduce operating costs through higher solids, and fewer loads of sludge.



Greatly reduce or eliminate the need for metal salts in wastewater treatment.



Capture nutrients in your process water before they become waste.



Pulling Nature's Lever
Chitosan Engineered Solutions



How We Transform Sludge into Valuable Enhanced Efficiency Fertilizer (EEF)

A. Clean Sludge

High organics sludge
without metal
coagulants (no Al)

B. Hydrolysate

Protein hydrolyzed
from sludge
through enzymatic
process

C. Enhanced Efficiency Fertilizer

Further improved by
advanced chitosan
formulation



The Stack of Solutions

Transforming agricultural production with season-long technologies that encourage regenerative, sustainable practices to maximize yield and grower profitability.

Seed Treatment



Crop Protection



Plant Nutrition



Soil Health



More Available than Ever 2023 EPA regulatory (25b) rule change favors accelerated chitosan adoption in crop protection.





A solution for your waste.

Leading protein hydrolysate fertilizer technology that delivers bioavailable amino acids that enhance soil health and nutrient cycling.





First breakthrough in foliar Nitrogen delivery technology

Performance, economics, and operational fit in one solution.

- Displaces up to 40lbs of traditional Nitrogen / acre with foliar flexibility
- Powerful Nitrogen Use Efficiency (NUE) tool for dynamic grower needs
- Integrates with pesticide applications – free ride to the field



86.8% agronomic win rate
greater yield in alignN program.*



2X+ profit for channel partner
vs. traditional nitrogen revenue displaced



+3.4% yield | +7.3 bu/acre
Increased average yield across all 3
alignN programs (-40, -20, -0 lbs N)



+\$20.61 net return / acre for grower
Doubling profitability for prime location corn farmers
(excluding Gov. payments)**

alignN® 18-0-0. Less Nitrogen. More Yield.



CASE STUDY



Programs & Economic notes:

Profitably with flexible application options:

- alignN® added into current program for even greater yield increases.
- 40 lbs N per acre displaced with two applications of alignN®.
- 20 lbs N per acre displaced with one application of alignN®.

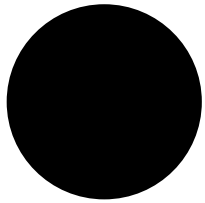
Avg net profit per acre for corn growers in US corn-belt was \$19.04/acre (2015-2024). Meaning alignN increases corn grower profitability by more than 2x!**

Corn price / bushel : \$4.61/bu (Dec)

* Case study data from Heartland grower field trials on ~5,000 acres.

** USDA ERS, Commodity Costs and Returns (2015-2024 data), excludes Government payments.

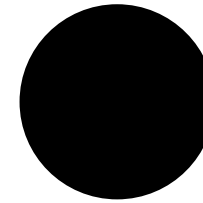
Lessons Learned



**1. Market focus:
Who will actually
swap chitosan for
money?**



**2. Private investment >
government grants**



**3. Solutions >
commodities**

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