2030 NET ZERO PLEDGEE

wbcsd Innovator member

Certified B Corporation

This company meets the highest standards of social and environmental impact

LOCUS®

AGRICULTURAL SOLUTIONS

Working to directly impact the following UN Sustainability Goals

Note: Full Locus Agricultural Solutions Investment Memorandum available upon request

The Answer to Sustainably Increasing Food Security and Reversing Climate Change…

…Is Right Under Our Feet

Positioned to be the Global Leader in Sustainable Ag

Locus Agricultural Solutions addresses the top 2 global pain points tied to the agriculture industry…

Unanswered Need for:

Solutions with Immediate Impacts on Climate Change
Agriculture generates 25% of global greenhouse gas emissions and needs solutions that can:

- Actively remove carbon from the atmosphere
- Reduce soil greenhouse gas emissions
- Minimize chemical usage and run-off
- Enhance depleted agricultural soils

Solutions to Improve Global Food Security
Grower profitability is being challenged creating a need for solutions that:

- Access to novel marketplaces and revenue streams
- Minimized operating costs and improved crop productivity
- Grow more food on less land to feed an expanding population

…using IP-backed, sustainability accelerator technologies and carbon expertise to deliver new value to growers

Locus AG Sustainability Accelerators:

TECHNOLOGY

Soil "Probiotic" Technologies
A pipeline of award-winning non-GMO soil "probiotic" technologies that:

- Enhance soil health
- Increase crop yields
- Reduce fertilizer usage
- Supercharge Soil Carbon Sequestration

Rhizolizer Duo

Pantego

CARBON EXPERTISE

CarbonNOW™ Sustainability Platform
A globally recognized program that leads farmers through the process of:

- Monetizing regenerative farming practices into sellable carbon credits
- Provides access to innovative technologies that maximize their earnings

CarbonNOW

Soil Probiotic Technology: Unmatched Results

OMRI LISTED For Organic Use

Up to:

43%	4-5x	10+%	77%	2-3	Local Jobs
more food grown	ROI per acre	less NPK fertilizer use	Reduction in soil N_20 emissions	mT of carbon sequestered/ acre annually[1] for corn	local production, local supply chain, rural jobs

Plus
allows growers to:

- ✓ Access new carbon & environmental markets
- ✓ Participate in high-value food, feed, fuel & fiber marketplaces

No one technology, chemical or nature-based, can do all of the above

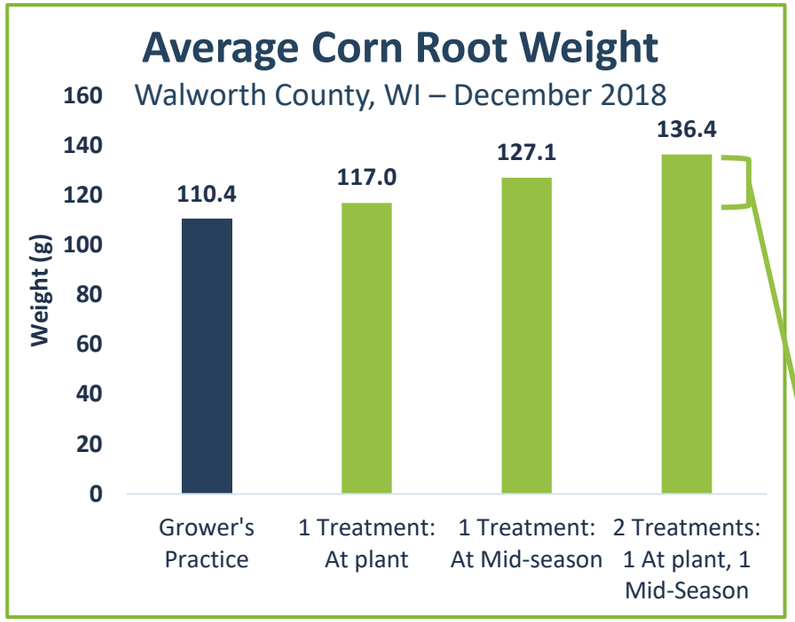
Our own internal footprint[2] to make and ship our tech to the grower is less than 10% of the lowest carbon footprint fertilizers[3]

[1]Compared to between 0.5-1MT of Carbon sequestered annually through other means
[2]As measured by MEOCarbon™, an ISCC certified body
[3]Brentrup, Frank & Hoxha, Antoine & Christensen, Bjarne. (2016). Carbon footprint analysis of mineral fertilizer production in Europe and other world regions

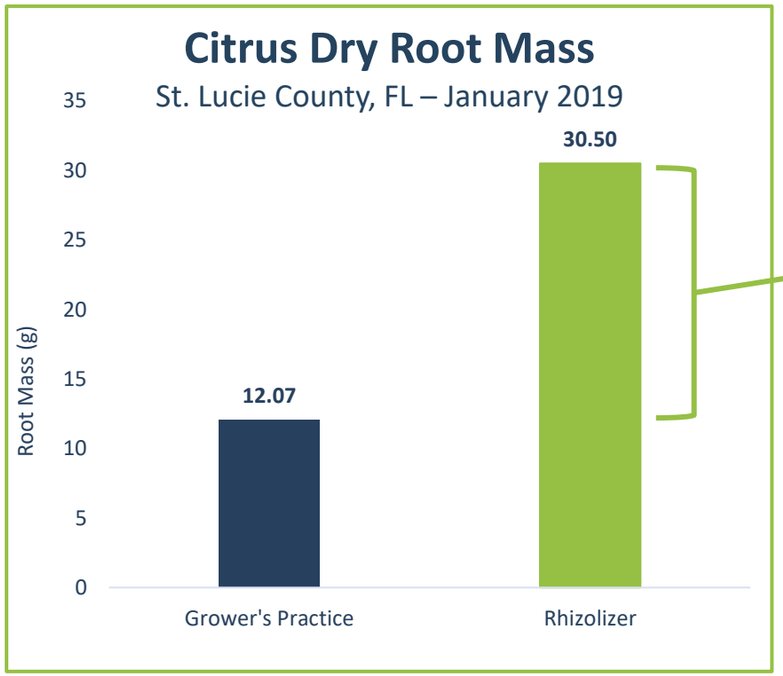
It All Starts With The Roots

Locus AG's soil technology increases root growth, which enhances:

- Water-use efficiency
- Nutrient uptake
- Carbon sequestration
- Crop productivity



24% increase



153% increase

An Unbeatable Combination: Grow More Food, Use Less Fertilizer

Soil "Probiotic" Technology

Higher Yields and Productivity

Increases yields by up to **43%** or more*

*Varies by crop

Row Crops

20% Corn	32% Cotton	9% Peanuts	6% Wheat

Specialty Crops

35% Apples	43% Cantaloupe	34% Citrus	31% Potatoes
9% Sod	22% Strawberries	40% Tomatoes	34% Watermelon

Reductions in Fertilizer

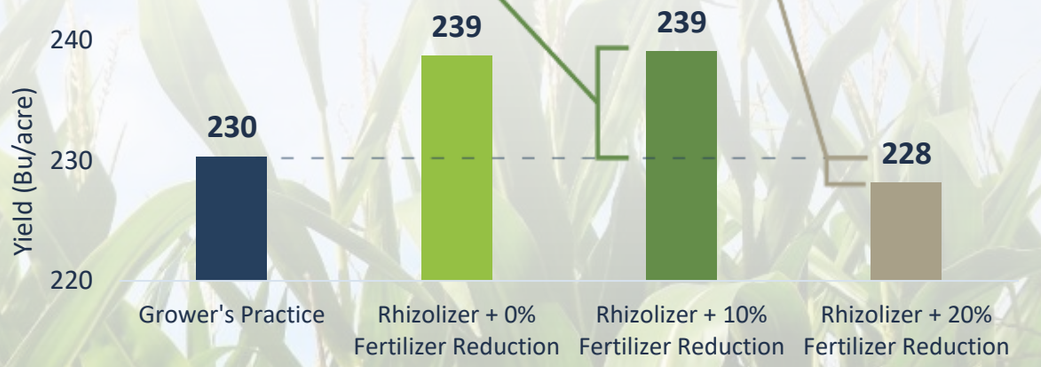
Reduces fertilizer use by **10%** or more with maintained or increased yields

Corn Yield With Fertilizer Reduction

Walworth County, WI - 2019

9 bu/ac yield increase at **10%** reduction in fertilizer

Maintained yield at **20%** reduction in fertilizer



Corn Variety: DKC 53-56

Rhizolizer 3.0 Fl oz; one application at mid-season
Conducted with a third-party contract research organization
*Farmer's practice and 20% reduction groups are not statistically different

Soil "Probiotic" Technology

Significant Reductions in Soil N_2O Emissions

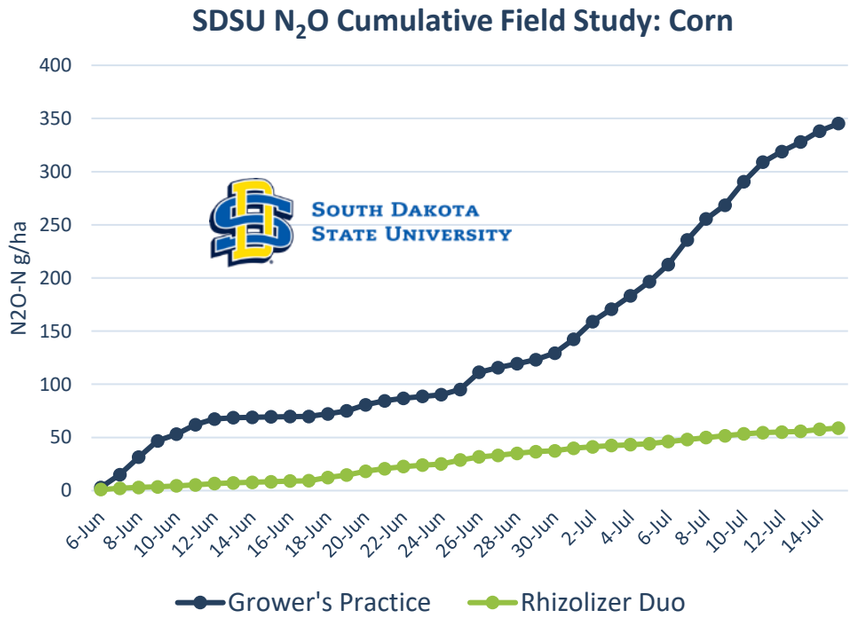
75% decrease
Field Trial

Texas A&M Potato Trial

77% decrease
Greenhouse & Field Trials

South Dakota State University Corn Trial

- N_2O is a 300X more potent greenhouse gas (GHG) than CO_2
- 79% of N_2O emissions comes from fertilizer use



Supercharged Carbon Sequestration

Third-Party Verified Measurements[2]
Increases in CO_2e Sequestration[1]

Almonds	Corn	Citrus	Grapes	Cherries	Soybeans
CA	Midwest	FL	CA	CA	Midwest
6.2	3.0	4.4	3.5	3.3	1.0
mT/acre	mT/acre	mT/acre	mT/acre	mT/acre	mT/acre

The UN states...

if emissions can be reduced worldwide by

4.2 billion mT

the world can avoid exceeding the 1.5°C global temperature threshold.[3]

Locus AG...

can reduce greenhouse gas emissions in the U.S. by

382 million mT

in just these 6 crops ALONE

9% of the UN goal

That negates the emissions of 85M cars annually

[1]Metric tons of CO_2 equivalents/acre annually | Initial top trial results compared to farmer practices | [2]Citrus and grape measurements from Texas A&M, other crops validated by Ramboll, a third-party environmental consulting firm
[3]https://wedocs.unep.org/bitstream/handle/20.500.11822/30797/EGR2019.pdf | EPA estimates a typical passenger vehicle emits 4.6 metric tons of CO2 equivalents per year

Carbon Credit Development Expertise

Generating carbon credits that benefit U.S. farmers and on the way to global expansion

CarbonNOW™

CarbonNOW Sustainability Platform

- Unique program that manages the carbon credit verification process for farmers
- Provides exclusive access to Locus AG's carbon-accelerating technology for additional earnings
- Coordinates efforts of farmers, carbon registries (current & in-development), third-party verifiers, carbon brokers and buyers
- Low Carbon Fuel Systems Platforms (LCFS) representing hundreds of millions of acres of crop inputs
- Water quality Best Management Practices (BMP) plans across geographies
- Ability to co-monetize livestock-based credits, as most farmers own livestock as well.

Future business: Sister company Locus Animal Nutrition developing direct-fed-microbials with UC-Davis that can reduce bovine enteric emissions by 78%

LOCUS Animal Nutrition

First Farmer Compensated By Corporate Buyer Through CarbonNOW Program

Locus AG helped one of the most prominent U.S. row crop farmers through the process of getting compensation from the **first ever corporate buyer anywhere globally**, and at a price at the **top end for carbon credits: $15/ton**

Arion, Iowa

- **Corn**
- **Soybeans**
- **Wheat**
- **Strip Crops**

$341,175

of carbon sequestered (22,745 metric tons)
Third-party verifier: Aster Global

Member of XtremeAg: A consortium of farm innovators using precision ag technologies and regenerative practices to maximize yields. Multi-year highest corn yield winner in Iowa and 2019 second highest yield nationally.

Farmer

Being among the first farmers in the nation to market our carbon credits **provides an unforeseen financial gain to our farm**. It has been a tremendous experience to go through with Locus AG as the account manager. I would recommend that every farmer look into CarbonNOW to streamline the process, increase tons of carbon per acre and reap the benefit of more productive crops.

Buyer

shopify

Leading e-commerce platform for over 1 million online stores and retail point-of-sale systems

- First high-volume transaction in Nori's carbon removal marketplace
- Part of Shopify's $5 million investment in breakthrough sustainability technologies

Despite massive challenges, farmers like Kelly Garrett continue to do the right thing for our planet and deserve to be compensated for their ongoing sustainability efforts.

Financial Example of How Farmers Benefit in Using Locus AG's Technology & Expertise

Carbon Expertise

	IF…	AND Rhizolizer® *Duo*	FARMERS CAN EARN…	
	Corn prices are **$5.00/Bu**	Adds up to **8-10** more Bu/Ac	Yields revenue **$40-$50 /Ac**	**$70-95 in additional revenue/acre** Compared to less than $15/acre with other competition
	Current practices sequester **0.25-0.50** ton of carbon/Ac	Sequesters up to **2-3** ton of carbon/Ac	Additional carbon credits **$30-$45 /Ac**	
	IF…	**AND Pantego™**	**FARMERS CAN EARN…**	
	Soybean prices are **$14.00/Bu**	Adds up to **2-3** more Bu/Ac	Yields revenue **$28-$42 /Ac**	**$43-57 in additional revenue/acre** Compared to less than $15/acre with other competition
	Current practices sequester **0.25-0.50** ton of carbon/Ac	Sequesters up to **1** ton of carbon/Ac	Additional carbon credits **$15 /Ac**	

Verticalizing Carbon Value

Benefits Across the Value Chain

Improving food security across the value chain by providing full-circle financial and ESG benefits

Increases farm profits and gets farmers paid maximum value for their practices.

- Maximize number of credits per acre
  - ✓ Deliver premium prices
- Minimize administrative burden
  - ✓ Data management
  - ✓ Identify best registries
- Enhance environmental and economic co-benefits from use of soil technologies

Offers clean ingredients with impact traceability

Drives sales by promoting products as low/zero carbon with ESG claims

60% will shift purchasing if products impact climate change
Reduced exposure to chemicals in food and lower carbon footprint

Global Recognition

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Best New Biological Product of the Year 2019

Jul 2019

World Congress on Industrial Biotechnology
Invited Speaker

Aug 2019

Ag Innovation Showcase
Invited Speaker

Sep 2019

International Citrus and Beverage Conference
Invited Speaker

Forbes AgTech Summit
Invited Speaker

B Corp™ Certification
One of the first Ag input suppliers

Nov 2019

2019 Best New Biological Product, Crop Science Awards
Winner

Dec 2019

UN COP-25 Climate Change Conference
Invited Speaker

Jan 2020

CarbonNOW ™ Platform launched to monetize carbon benefits

Cleantech Forum
Invited Speaker

Feb 2020

Boldest AgriTech Award
Finalist

Apr 2020

NREL Outstanding Venture Award
Winner

Fast Company World Changing Idea for Food
Finalist

Jun 2020

Innovator for WBCSD
Invited Member

U.S. Energy Globe Award
Winner

Oct 2020

CleanTech Top 50 Startups to Watch
Winner

Nov 2020

Red Herring Top 100 North America Award
Winner

Jan 2021

CarbonNOW Alliance with Bluesource

Sept 2021

Syngenta Innovation Challenge
Finalist

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wbcsd
Innovator member

LOCUS
AGRICULTURAL SOLUTIONS

We are at the forefront of simple,
clean solutions to the world's largest challenges