

Introducing Aqueus: The Michigan-Based Company Using Hydrogen to Improve the Health of our Food, our People and our Planet



Hi, I'm Mike.



My Personal Story



Business Background



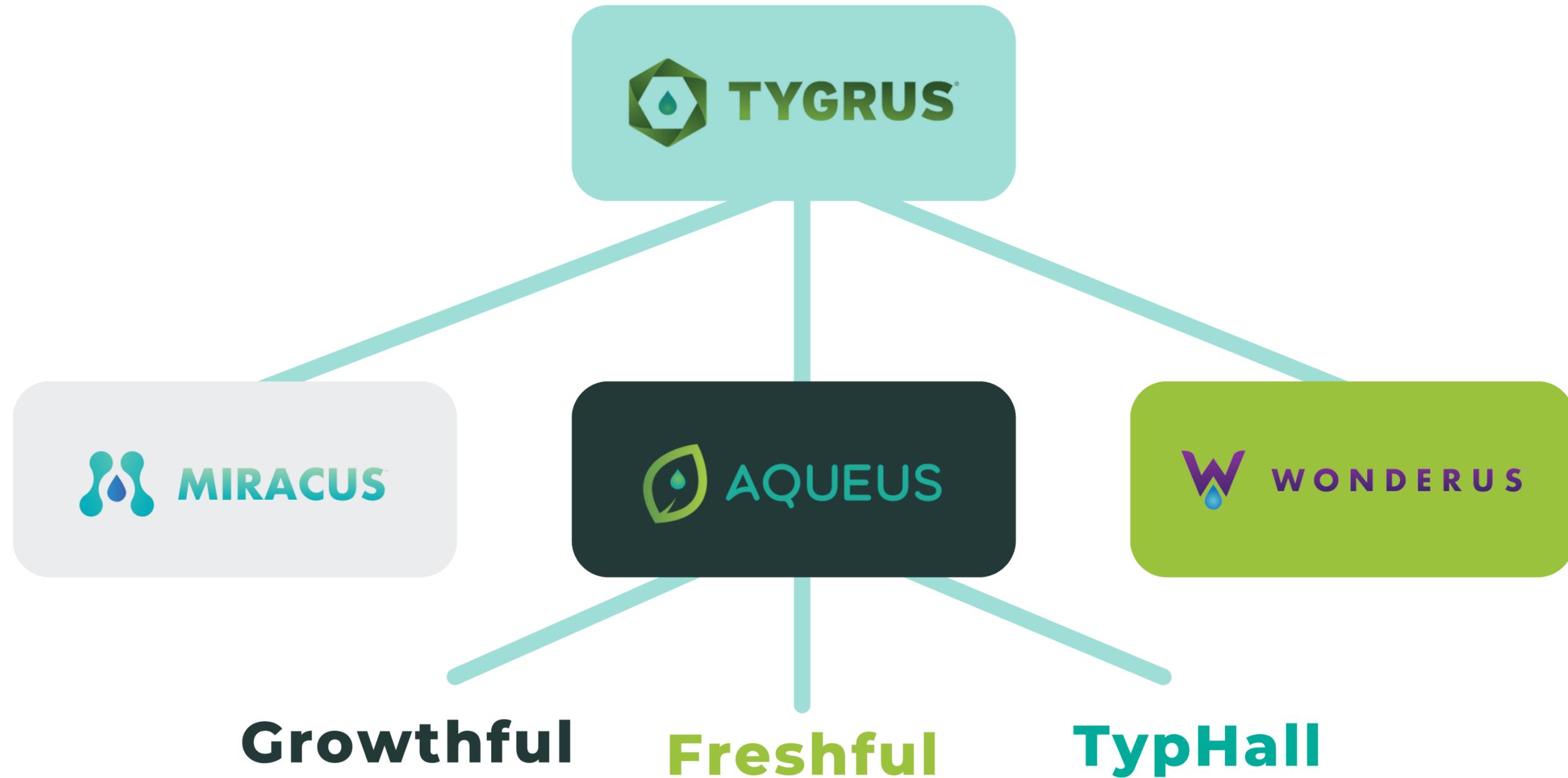
My "Why"



Do Good Things



Company Overview



Media Recognition

Awarded Top Agrochemical Company by Agri Business Review in 2023 and 2025

University Test Partners

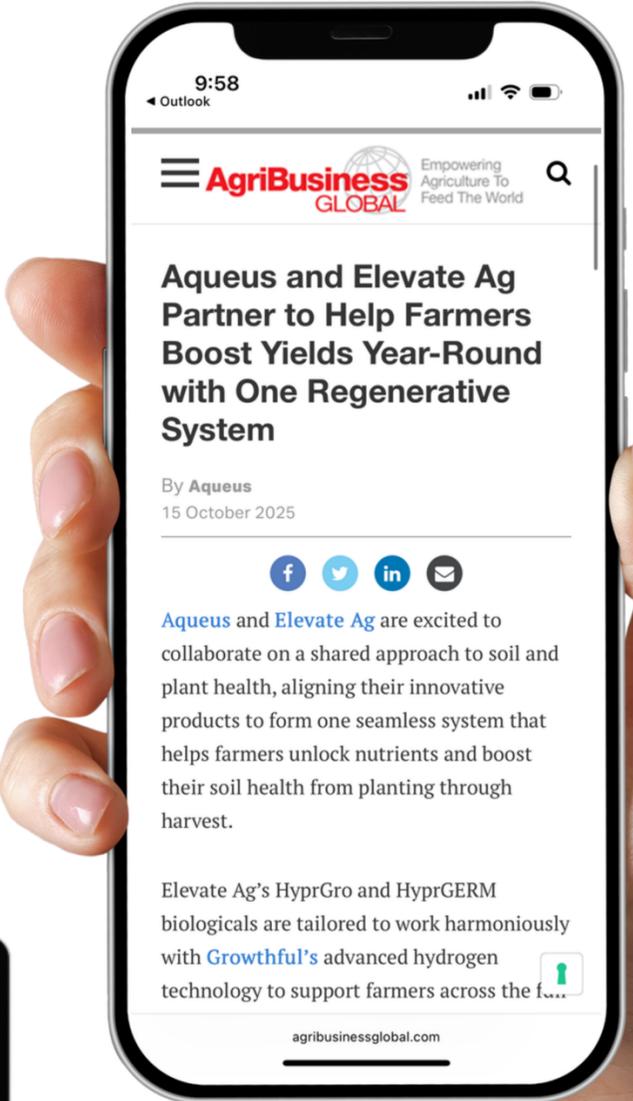
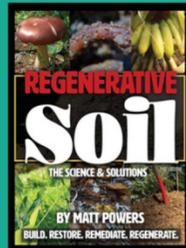


COLORADO STATE UNIVERSITY

MISSISSIPPI STATE UNIVERSITY

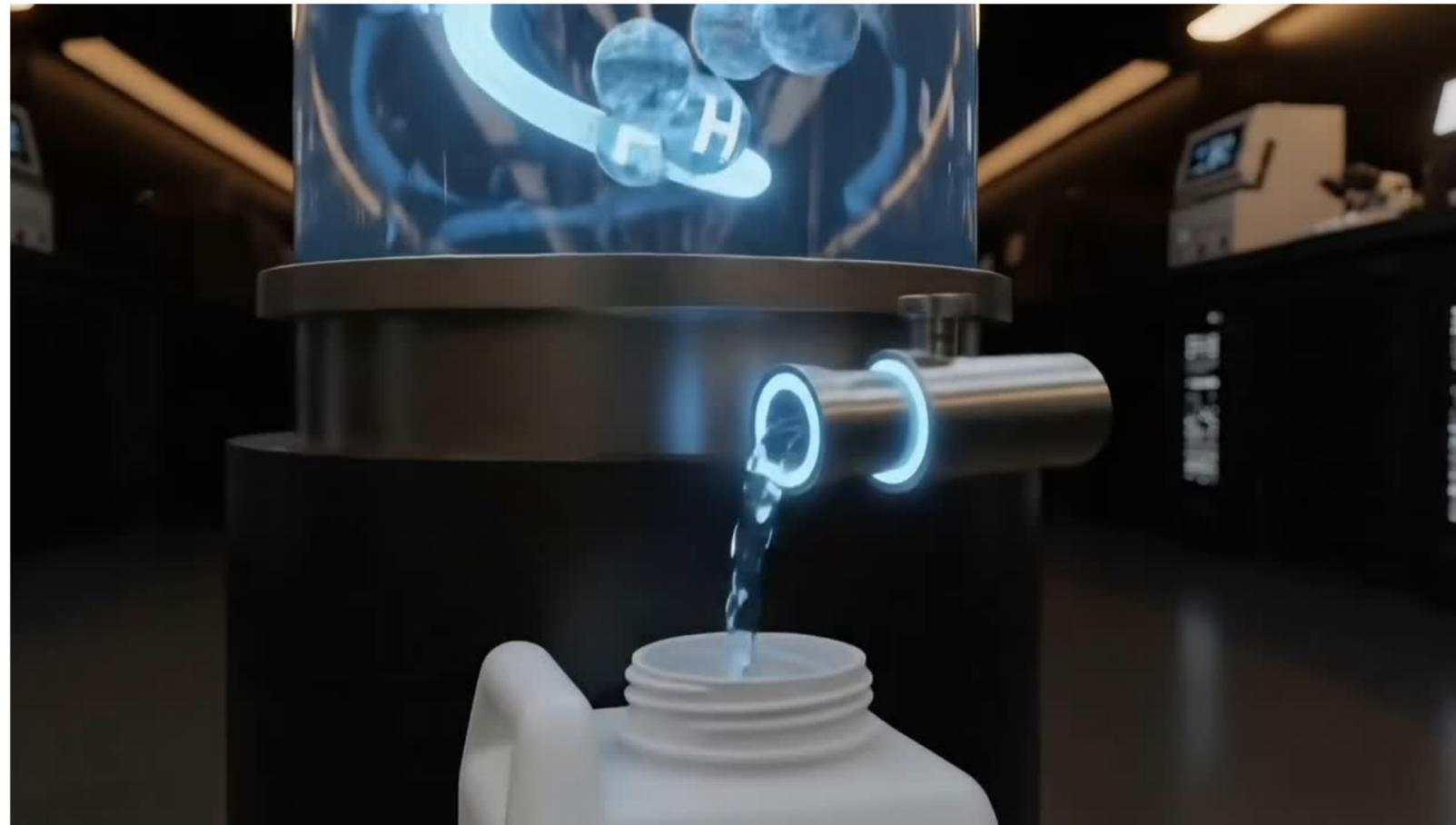


Strategic Partners



The Power of Hydrogen

Growthful & the Future of Healthy Food



Our Mission Video

Hydrogen: The Building Block for All Life

- #1 on the periodic table
- Enhances plant and human health
- Essential to all life
- Works with nature, not against it



1 1.008 H Hydrogen																	2 4.0026 He Helium													
3 6.941 Li Lithium	4 9.0122 Be Beryllium											5 10.81 B Boron	6 12.01 C Carbon	7 14.01 N Nitrogen	8 16.00 O Oxygen	9 18.998 F Fluorine	10 20.18 Ne Neon													
11 22.99 Na Sodium	12 24.31 Mg Magnesium											13 26.98 Al Aluminum	14 28.09 Si Silicon	15 30.97 P Phosphorus	16 32.06 S Sulfur	17 35.45 Cl Chlorine	18 39.95 Ar Argon													
19 39.10 K Potassium	20 40.08 Ca Calcium	21 44.96 Sc Scandium	22 47.88 Ti Titanium	23 50.94 V Vanadium	24 52.00 Cr Chromium	25 54.94 Mn Manganese	26 55.85 Fe Iron	27 58.93 Co Cobalt	28 58.69 Ni Nickel	29 63.55 Cu Copper	30 65.39 Zn Zinc	31 69.72 Ga Gallium	32 72.64 Ge Germanium	33 74.92 As Arsenic	34 78.97 Se Selenium	35 79.90 Br Bromine	36 83.80 Kr Krypton													
37 85.47 Rb Rubidium	38 87.62 Sr Strontium	39 88.91 Y Yttrium	40 91.22 Zr Zirconium	41 92.91 Nb Niobium	42 95.94 Mo Molybdenum	43 98.91 Tc Technetium	44 101.07 Ru Ruthenium	45 101.07 Rh Rhodium	46 106.42 Pd Palladium	47 107.87 Ag Silver	48 112.41 Cd Cadmium	49 114.82 In Indium	50 118.71 Sn Tin	51 121.76 Sb Antimony	52 127.60 Te Tellurium	53 126.91 I Iodine	54 131.29 Xe Xenon													
55 132.91 Cs Cesium	56 137.33 Ba Barium	57 138.91 La Lanthanum	72 178.49 Hf Hafnium	73 180.95 Ta Tantalum	74 183.84 W Tungsten	75 186.21 Re Rhenium	76 186.21 Os Osmium	77 193.22 Ir Iridium	78 195.08 Pt Platinum	79 196.97 Au Gold	80 200.59 Hg Mercury	81 204.38 Tl Thallium	82 207.2 Pb Lead	83 208.98 Bi Bismuth	84 209 Po Polonium	85 210 At Astatine	86 222 Rn Radon													
87 223 Fr Francium	88 226 Ra Radium	89 227 Ac Actinium	104 261 Rf Rutherfordium	105 262 Db Dubnium	106 263 Sg Seaborgium	107 263 Bh Bohrium	108 265 Hs Hassium	109 265 Mt Meitnerium	110 266 Ds Darmstadtium	111 267 Rg Roentgenium	112 268 Cn Copernicium	113 268 Nh Nihonium	114 269 Fl Flerovium	115 269 Mc Moscovium	116 270 Lv Livermorium	117 270 Ts Tennessine	118 270 Og Oganesson													
58 140.12 Ce Cerium																		59 140.91 Pr Praseodymium	60 141.91 Nd Neodymium	61 144.24 Pm Promethium	62 150.36 Sm Samarium	63 151.96 Eu Europium	64 157.25 Gd Gadolinium	65 158.93 Tb Terbium	66 162.50 Dy Dysprosium	67 164.93 Ho Holmium	68 167.26 Er Erbium	69 168.93 Tm Thulium	70 173.05 Yb Ytterbium	71 174.97 Lu Lutetium
90 238.03 Th Thorium																		91 231.04 Pa Protactinium	92 238.03 U Uranium	93 237.05 Np Neptunium	94 244.06 Pu Plutonium	95 247.07 Am Americium	96 251.08 Cm Curium	97 252.08 Bk Berkelium	98 257.10 Cf Californium	99 258.10 Es Einsteinium	100 267.10 Fm Fermium	101 268.10 Md Mendelevium	102 288.10 No Nobelium	103 289.10 Lr Lawrencium

History of Agrochemicals & Health Challenges

Research and data visualization indicate high correlations between glyphosate application rates and the rising incidence of several chronic diseases in the U.S:

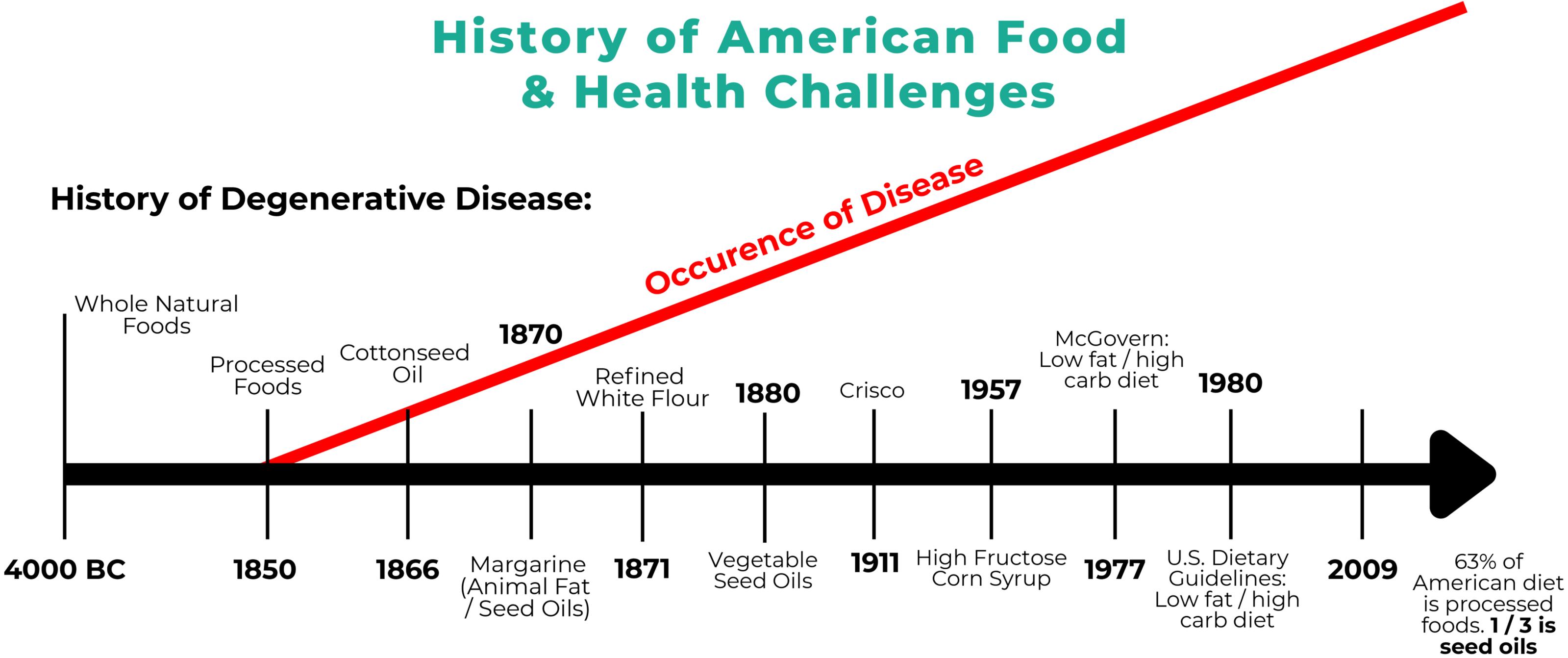


- **Neurological Disorders:** Autism (significantly high correlation), Alzheimer's, dementia, and Parkinson's
- **Metabolic Diseases:** Obesity, diabetes, and hypertension
- **Cancers:** Thyroid, liver, bladder, pancreas, kidney, and myeloid leukemia
- **Digestive Issues:** Inflammatory bowel disease and intestinal infections

Why This Conversation Matters

History of American Food & Health Challenges

History of Degenerative Disease:



If you don't understand water, you don't understand nutrition.

- **Structured water technology**
- **Evolving agriculture - more isn't always better**
- **MAHA**
- **Human health = plant health**

The Real Challenges for Farmers

- **Crops have become lower in nutrients and worth less \$**
- **Pesticide dependence is rising**
- **Consumers demand healthier food**
- **Farmers need practical solutions**

If pesticides fixed everything, we wouldn't need this slide.



What Happens in the Field Ends Up on the Plate

- **Stressed plants = weaker nutrition**
- **Chemical overload affects soil environment**
- **Residues impact human health**
- **Healthy soil → healthy plants →
healthy nutritious food → healthy people**



Soil health → plant health → food nutrients → human health

Enter Hydrogen!

The Smallest Element with Big Biological Effects

- **Enhances plant and human health**
- **Supports stress resistance**
- **Works with nature, not against it**
- **Antioxidant effect**



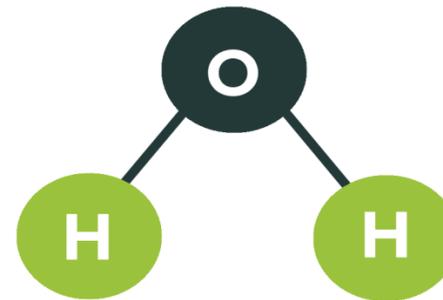
Introducing Growthful

- Revolutionary soil treatment that improves the efficiency of water, fertilizer and nutrients
- Alternative to typical quick fixes in agriculture that make the problem worse - Growthful is reconstructive

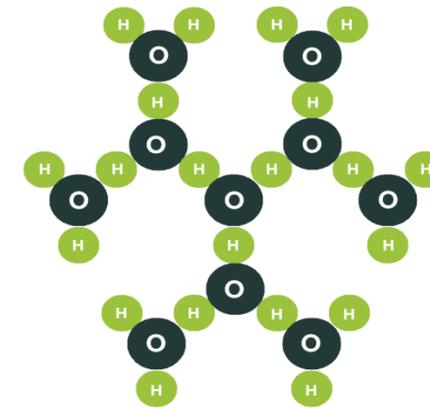
GROWTHFUL™



RAINWATER



GROWTHFUL



How Growthful Supports Crop Health

- **Root development**
- **Stress resilience**
- **Consistent growth**
- **Improved yield quality (not just quantity)**
- **Better nutrient density**
- **Heard of soil conservation? Growthful drives regeneration**



The Aqueus Solution - From Field to Plate



Safe

Aqueus's Growthful™ brand has been proven safe to plants, humans, and other animal life. Growthful has passed strict environmental testing and EPA 6 pack testing



Effective

6 years of testing and use on over 1,500,000 acres have shown that Growthful products improve crop health and yield by an average of 10-15%



Applications

Our products are effective for a variety of applications

Growthful™ - Improving crop health and yields

Freshful™ - Extending the shelf-life of many foods

TypHall™ - Safely and effectively disinfecting food facilities



Freshful to the Rescue

Cut and Uncut Fruit and Vegetable Wash that Works to Extend Shelf Life

- Extends shelf life - less food waste
- Safer and easier handling - cost savings on labor
- Slows the produce aging process
- Lowers fresh food expenses
- Reduces contributions to landfills



Reducing Pesticides with Growthful and Freshful

- **Healthier plants resist pests naturally**
- **Reduced disease outbreaks**
- **Smarter, targeted pesticide use**

*The best pesticide is a plant
that doesn't get sick*



A Regenerative Revival - Back to Basics

- 20 years of trials have proved there's a better way
- Soil conservation vs. regeneration
- Back to the future
- Aqueus ties it together

GROWTHFUL™

	Pre 1900	Today
Agriculture	Biological, mineral and microbial based	Synthetic fertilizer and toxic chemicals
Food	Natural whole food / nutritional density	Processed, ultra processed, genetically engineered, GMOs, fake lab grown food low in nutrition
Health	Natural healing, foods, herbs	Regulated, pharmaceutical

Impact on Food Quality

Why Consumers Care

- **Lower chemical residues**
- **Higher nutrient density**
- **Better taste & shelf life**
- **Increased trust in food systems**



How Farmers Use Aqueus Products

Growthful frees up nutrients in soil so plants can focus more of their photosynthetic energy on growth.

Boosts yields 10-15% on average



Economic Benefits for Growers

Healthy Crops Cost Less

2021- 2023 Trials.

210 acres - 105 acres of Growthful Products

Sugar Cane Trial

Summary of Crop 2023 Trials Economics -

Cane Per Acre	Average Sugar cost 2023	Control #1 (Tons per acre)	Treatment #1 (tons per Acre)	Total improvement per acres in tons	Control #2 (Tons per acre)	Treatment #2 (tons per acre)	Total improvement per acres in tons
		51.9	54.3	2.4	54	58.1	4.1
Sugar Yield		Control #1 (Tons per acre)	Treatment #1 (tons per Acre)	Total improvement Pound per per acre	Control #2 (Tons per acre)	Treatment #2 (tons per acre)	Total improvement per acres in pounds
		5.34	5.87	1060	5.23	5.67	880
Commodity Prices*	\$ 0.30			\$ 318.00			\$ 264.00
Cost per acre of treatments				\$ 39.50			\$ 39.50
15% Reduced Input cost**	\$370.85						\$ 55.63
Net Benefit Per acre				\$ 278.50			\$ 280.13

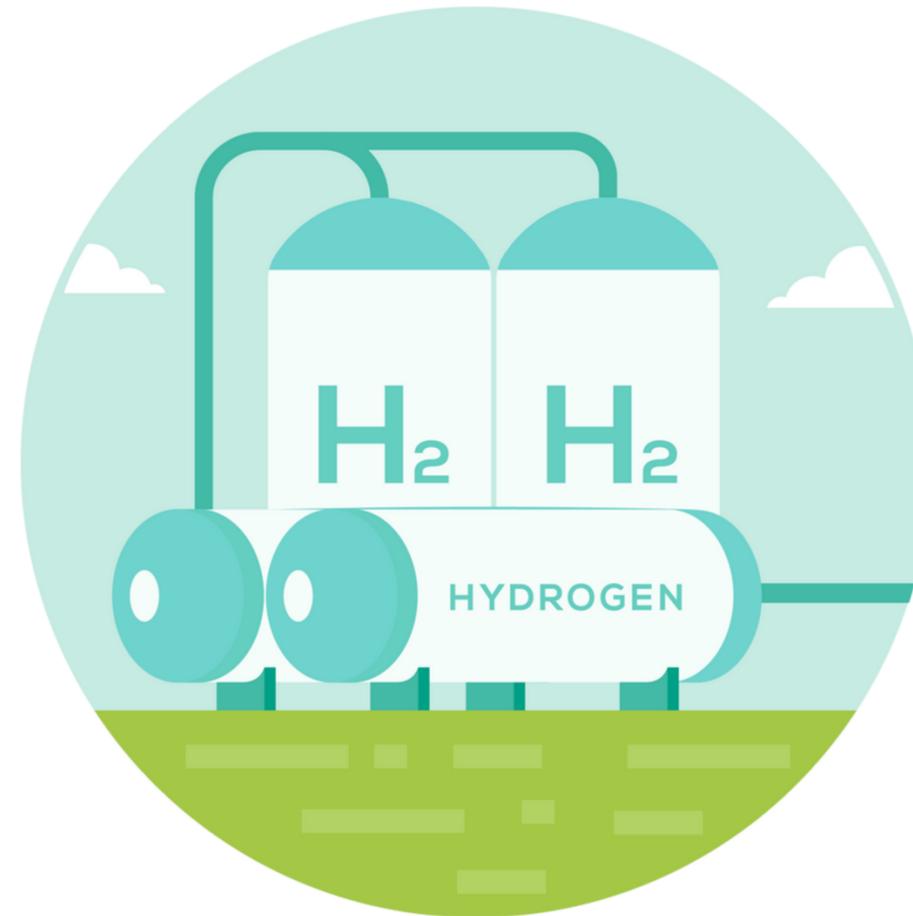
(Fertilizer) versus (reduced Fertilizer w Growthful)

	Control #1	Treatment #2 (15%	Return On	Benefits Other:			
				1) Reduced use of fertilizers- COST SAVINGS			
	Full Fertilizer	Reduced plus Growthful		2) Safety - no phyto or plant health issues			
				3) Workers safety			
Yield(tons per acre)	5.34	5.67					
Sugar Value (per acre)	\$ 3,204	\$ 3,402		Notes:			
Fertilizer cost	\$ 371	\$ 315		* USA Refined Sugar Pricing 8-1-23			
Growthful Cost	0	39.5		** Results reported From 2023 LSU - Fertilizer and Fungicides			
Total Cost	\$370.85	\$ 355		1) Less fertilizer with Growthful is the most advantageous application			
Profitability (dollars per	\$ 2,833.15	\$ 3,047.28					
Net Gain Per Acre		\$ 214.13	442%				

Hydrogen's Role in Climate Resilience

Farming in an Unpredictable World

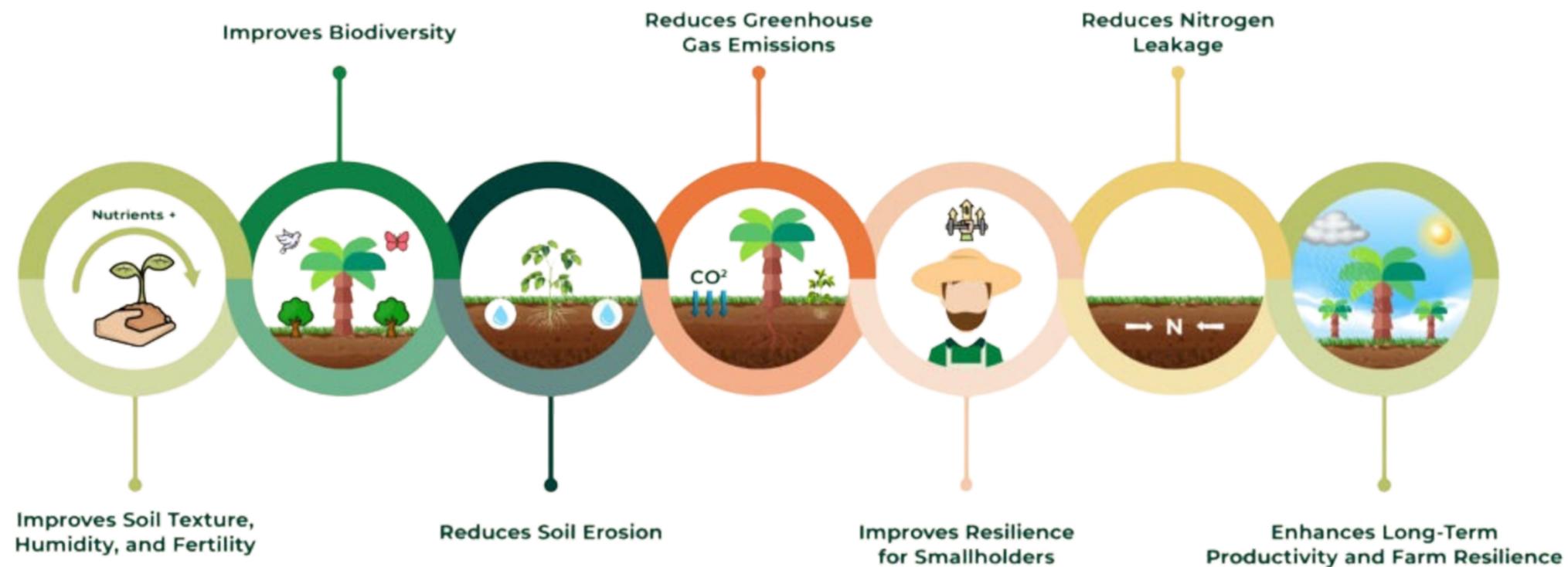
- Heat tolerance
- Drought recovery
- Reduced crop loss
- Less mining
- Safer, less harsh chemistry



Shifting our Mindset

From Control to Collaboration: An International Movement

Working with nature, supporting plant biology
Working with ecosystems - smarter agriculture



Healthier Farms = Healthier Communities

Aqueus' impact starts right here in Oakland County

- **Safer working conditions**
- **Cleaner water**
- **Better food systems**
- **Stronger rural economies**



Turns out the future of farming is going back to the very beginning.

Healthier food, climate and planet

If you're interested in joining the movement to support our farmers and provide our children and grandchildren with safer, more nutrient-dense food...

Reach out to Mike Skinner at
(248) 930-7512 or
miskinner@aqueus.com.



Do Good Things