



REAGENICS
PLANT MOLECULAR HARVESTING

The Next Gen Super Potato Protein Milk

- Low Climate Footprint
- Non-Allergenic
- Vegan Friendly
- Non-GMO
- Hormone Free
- Complete Protein
- Equivalent to cow's milk

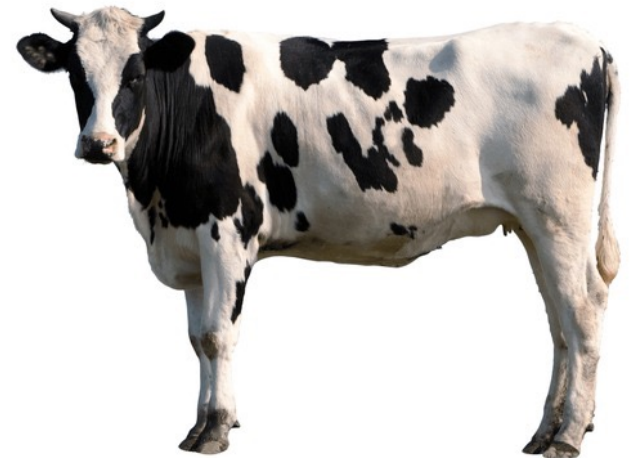
www.reagenics.com



It is estimated that up to 100,000 plants, representing more than one third of the entire world's plant species, are currently threatened or face extinction in the wild.

One thing is clear

All milk alternatives are far better for the planet than dairy. A glass of dairy milk results in almost three times more greenhouse gas emissions than any plant-based milk and it consumes nine times more land than any of the milk alternatives.



Non-Dairy Milk Options



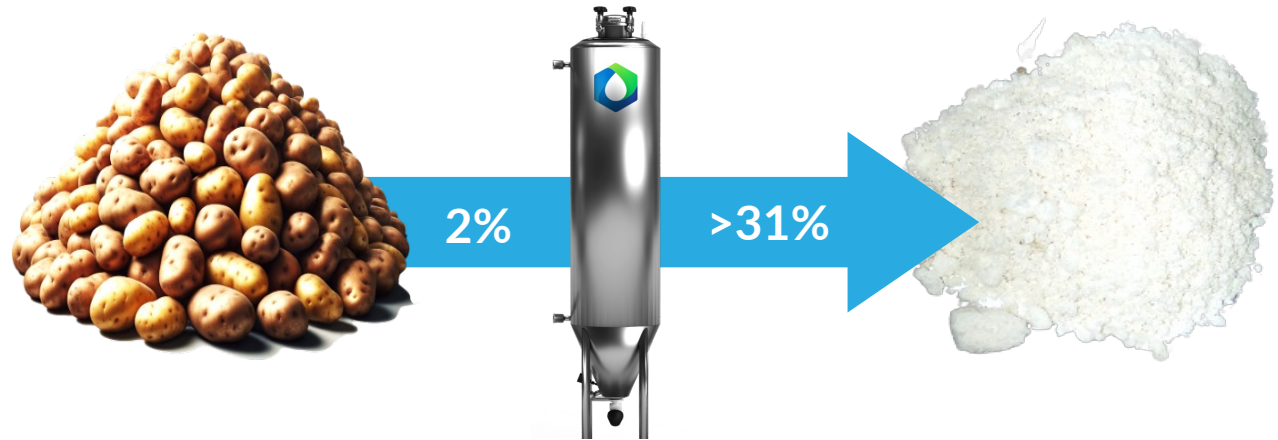
BREAKTHROUGH!!!

A New Super Potato for a New Super Protein Non-Dairy Milk

We have achieved a new Golden Standard in Plant Protein –
Super Potatoes

Potato Stem Cell Biomass from our Bioreactors

- 🏠 Over 30% protein and 30% starch!!
- 🏠 Proteins and Carbs in one cellular package!
- 🏠 Allergy-free protein
- 🏠 No color
- 🏠 No bitter taste
- 🏠 Non-GMO



Reagenics has developed...

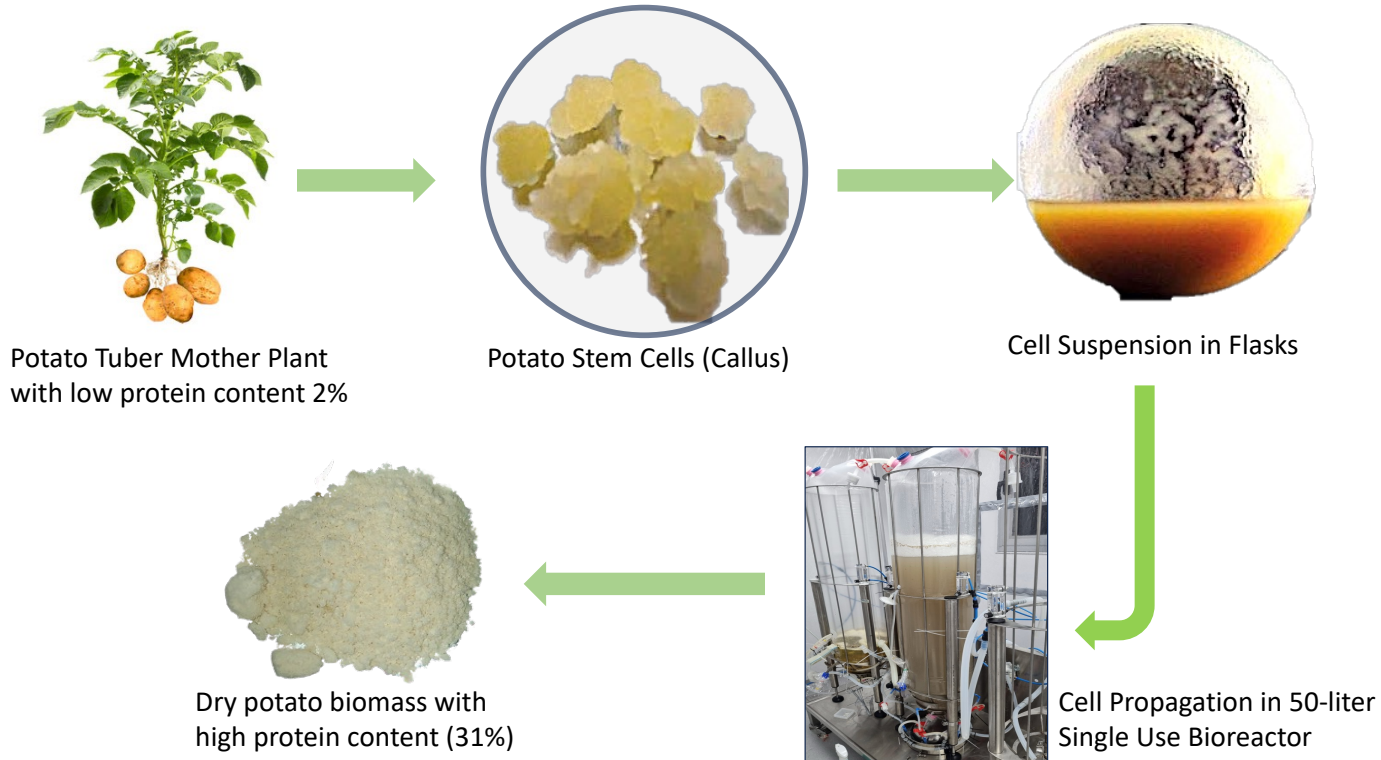
An Intelligent Biotech Platform enabling production of Super Potato biomass at scale.



Using state-of-the-art cellular agriculture combined with proprietary bioreactors and AI for system optimization, our technology platform grows valuable plant molecules and provides for industrial size scaling at maximum cost efficiency.



Transformation of a Regular Potato (2% Protein) to a Unique, High Value Biomass (31% Protein)



Benefits of Bioreactors

ESG:

- ⊞ Minimal land footprint
- ⊞ Continuous harvests
- ⊞ Weather immune
- ⊞ Disease free
- ⊞ Saves water
- ⊞ Ethical Production
- ⊞ Zero Waste

Financial:

- ⊞ Low OPEX and HR
- ⊞ High production yields
- ⊞ Low price efficiency
- ⊞ Localized production

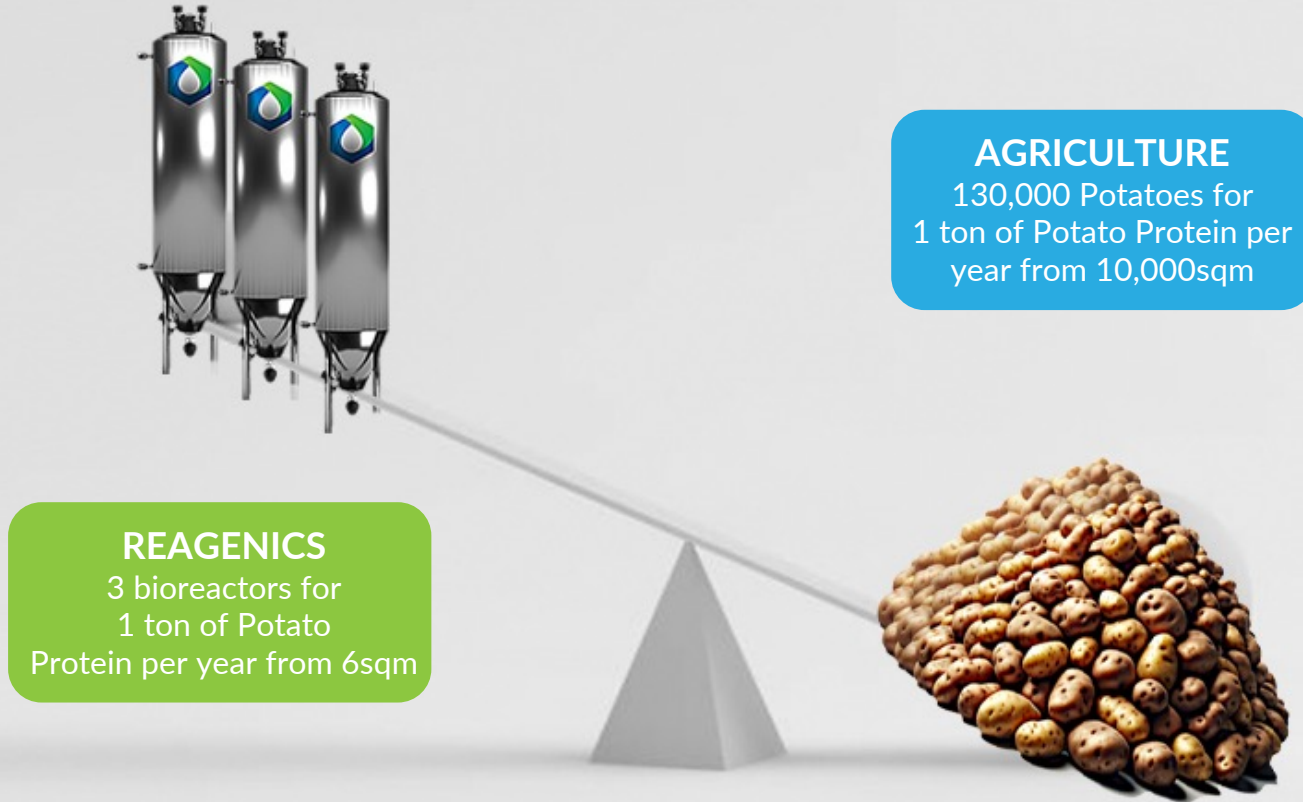
Health and Wellness:

- ⊞ Quality Controlled
- ⊞ Natural Extracts
- ⊞ No Heavy Metals
- ⊞ Pesticide Free
- ⊞ Fungicide Free
- ⊞ Non-GMO
- ⊞ Allergen Free
- ⊞ Neutral taste



No Comparison!

Reagenics versus Agriculture



Potato Proteins are the next BIG thing!

- 🏠 Potatoes are a “complete protein”; they contain all 9 amino acids (the building blocks of protein) that the body needs.
- 🏠 Our ability to absorb these proteins is in the same range as high-end animal proteins.
- 🏠 Potato protein can help speed up the the rate at which muscles repair and make new protein.

Question:

If potato protein is so great, can it be a practical source for the future of high value proteins?

Answer:

Only if the amount of protein is increased at least ten times above the 2.5% present in a regular potato.



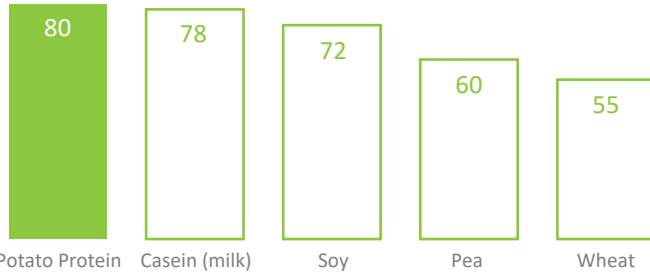
Protein Biological Value (PBV) refers to the proportion of protein retained in the body for growth and/or maintenance and expressed in percent of nitrogen absorbed.

Proteins Quality Comparison

How does Potato Protein compare with the other main sources of plant protein?

BIOLOGICAL VALUE (BV)

Measures the efficiency of protein utilization in the body



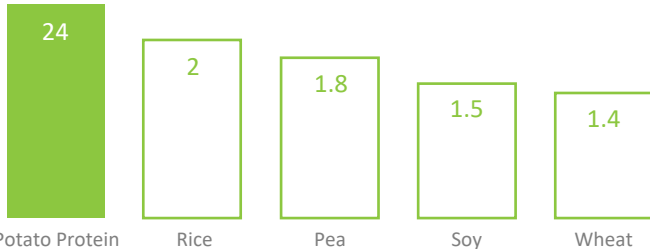
PROTEIN DIGESTIBILITY CORRECTED AMINO ACID SCORE (PDCAAS)

Compares amino acid profile, digestibility and supply of essential amino acids for humans



PROTEIN EFFICIENCY RATIO (PER)

Measures the effectiveness of a protein to promote growth



A Superior Non-Dairy Milk

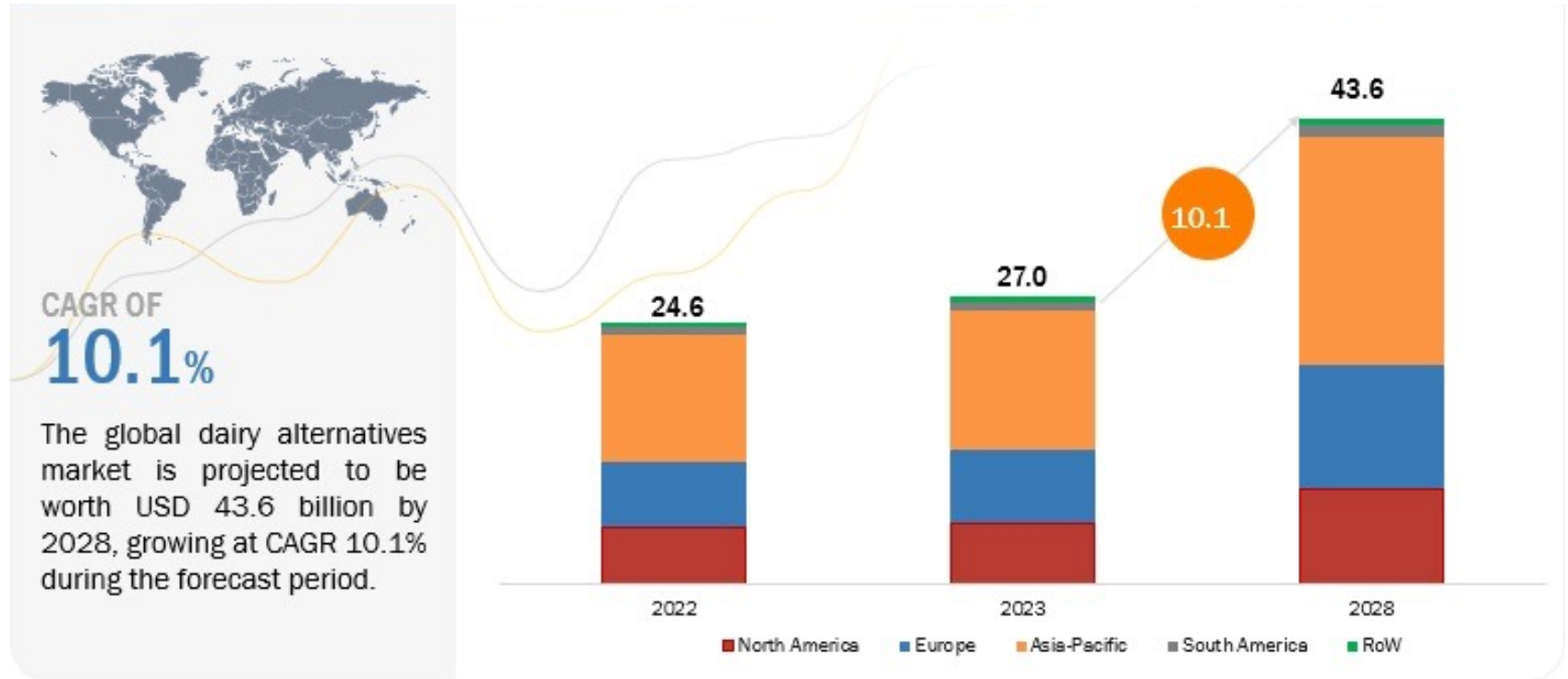
With 31% Potato Protein Reagenics
Super Potato Milk is a Superior
Beverage.

- ❖ It is not an allergen
- ❖ Is not GMO
- ❖ Does not have a bitter taste
- ❖ Does not have a color
- ❖ Minimum negative toll on the local and global environment.

Reagenics Super Potato
Milk is the next major
player in the burgeoning
world of plant-based milk.



Diary alternatives market global forecast to 2028 (USD BN)



China as an Emerging Market

The China Non-Dairy Milk market size is estimated at \$5.18 billion in 2024, and is expected to reach \$8.00 billion by 2029, growing at a CAGR of 9.09%

- ❖ More than 92% of the Chinese population has allergic reactions to lactose in dairy products.
- ❖ The vegan lifestyle is gaining traction in China with growing concerns for animals and sustainability. In 2022, the percentage of vegan and vegetarian populations in China was estimated to be about 5-6%.
- ❖ Among dairy alternatives, plant-based milk like soy, almond, and oat milk held the majority share across the country in 2022.



Drivers & Restraints for Super Potato Milk

Drivers:

Potato Protein, with its high nutritional value, improved digestive health, strength, and controlled blood sugar levels, is emerging as a favored choice among individuals adopting plant-based lifestyles. Potato milk with protein levels equivalent to dairy milk will be a major driving force in the market.



Restraints:

Limited availability of raw materials. Production requires significant quantity of potatoes to achieve parity with milk, and fluctuations in potato crop yields due to factors like weather conditions and diseases and demands from other sectors impact the overall supply chain.



SUPER POTATO MILK: Competitor Advantage

Beverage Source	Environmental Impact	Protein gm/cup*	Allergens
Milk	High (land use)	8-10	High
Pea	Low	8-9	Medium
Soy	High (deforestation)	7-8	High
Almonds	Very High (water consumption, bee death)	1-2	Medium
Oats	Low	1-4	Low
Rice	High (water consumption)	0-1	Low
Coconut	High (deforestation)	0-1	Zero
Potatoes	Low	1.5	Zero
Reagenics Super Potato	Low	8-10	Zero

*1 cup = 250ml

KANO MODEL – SUPER POTATO MILK



Delight
Features

- Special micronutrients / functional ingredients not found in other type of milk
- Protein levels comparable to milk
- Dramatically better sustainability than all other agricultural-based plant proteins

Performance
Features

- Nutritional Properties
- Clean label
- No preservatives or artificial ingredients

Basic
Features

- Comparable sensory attributes
- Allergen and lactose free
- Clean label
- Great taste

SUPER POTATO MILK - FAQs

What is it, exactly? It's like milk, but from cultured potato stem cells.

How do you make milk from potato stem cells? Dissolve in water and emulsify.

Who's behind the super potato milk? An Israeli company called Reagenics (not ReMilk).

And why? Because Super Potato milk is better than regular milk, both for you and the planet.

How is it better? It's vegan-friendly, allergen-free and has high amounts of protein.

If it's cultured stem cells then it must be genetically modified? No, Super Potato is Non-GMO.

That's great, but I already drink oat milk. Super Potatoes uses a fraction of the land it takes to grow the equivalent amount of oats. Besides oats have almost no protein.

Fine, I'll switch to almond milk. *Are you insane?* Almonds use up huge amounts of water – about 130 pints to produce a single glass. Super Potato milk uses 130 times less water.

Fine so I'll switch to DUG's Potato Milk. Now you're getting smarter but not much protein. Super Potatoes have as much protein as dairy milk, they use less water, less energy, produce less waste, emit zero methane and have a lower CO₂ footprint than regular potatoes or any other agricultural plant-based milk.

What about soya milk? Soya is environmentally detrimental. It's also a known allergen. Approximately 0.4% of infants are allergic to soy. Super Potatoes are non-allergenic, are not dependent upon land, weather, climate change, supply chain insecurities, disease, pesticides, heavy metals, environmental devastation, child labour.

I get it – Super Potatoes are sustainable. They're more than that. Super Potatoes means a super-sustainable drink.

Great but I don't like the idea of drinking milk that tastes like potatoes. Fortunately, Super Potatoes don't really taste of anything. They are a suitable replacement for milk in every guise.

When will I be able to sample this new miracle product? Soon.

The Competitive Landscape



Silk & Alpro



Pea Milk



Coconut Milk



Potato Milk



Plant Proteins



Plant-Based Beverages



Almond Milk



Soy Milk



Oat Milk



Soy Milk



Plant-Based Beverages



Hemp Milk

Production of Potato Stem Cell Biomass

Applications



Engineering



Potato Cells Lines

Protein Bars, Snacks,
Meat replacement

Protein beverages
Medical drinks

Super Milk

Animal Feed

Cosmetics

Liters of Super Potato Milk





REAGENICS
PLANT MOLECULAR HARVESTING



Michael Kagan
michael@reagenics.com

www.reagenics.com

Disclaimer

This information contained in this Investor Presentation includes proprietary information, is strictly confidential, is not to be used or distributed to others without the express written consent of the Company.

Neither the Company, nor any person on its behalf, makes or has made any direct or indirect representation or warranty with respect to (i) the accuracy or completeness of any information, written, oral or in any other format, which has been made available, or is made available hereunder, relating to the Company, its assets, business, affairs, financial condition, results of operations or prospects, or (ii) any projections, estimates or budgets that have been made available, or are made available regarding any future financial results, financial condition or operations of the Company or its business. All contents of this document are copyright and property of Reagenics Research Ltd.