

Problem

Almost 1 in 3 people have nutrient deficiencies, including 92% of those living in the US. Nutrient deficiencies lead to 20% of maternal mortality and 45% of child deaths. Even though these numbers are almost 8x more than cancer, barely anything is being done to solve it.

NutriX

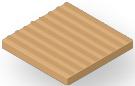
By using CRISPR Prime and Epi-Genome editing, we can include all of the consumer's recommended daily nutrients into staple crops such as rice, wheat, corn, potatoes, and sweet potatoes. This new ultimate crop will be easier to grow for farmers and healthier for consumers.

Mission

Our mission is to end nutrient deficiencies around the world through our genetically modified plants. We believe that no matter income or geographical location, everyone deserves to live a happy and healthy life.

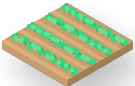
The Timeline

Creating The Initial Crop (Year 0-2)




Our first step is to create the initial crop, which will be a sweet potato. This research and development stage will take 2 years. We will need to genetically modify and conduct research on precisely which genes to edit and how we will modify them. By the end of it, we will have our first genetically modified super crop.

Exponential Growth (Year 2-7)




Due to the sweet potato reproduction cycles, we can 10x the amount of sweet potatoes every 157 days in a greenhouse and every year on a farm. After 5 years of growing we will reach the max capacity of our farm and will now be able to generate 51,921,000 USD in revenue per year from selling the slips to farmers.

Expanding to More Areas (Year 7-10)



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Mass Scaling & Future Plants (Year 7-20)



After dominating the sweet potato industry, we will be moving onto other plants such as rice, wheat, corn, and potatoes. By year 9 we should have the original gene-edited crops. By year 13 we should have broken into global markets. By year 20, we should be dominating the global agricultural industry for these 4 crops, impacting billions in the process and making billions in profits.

What We're Editing

We are editing the nutrients that most people are deficient in, namely Vitamins C, D, and E, potassium, calcium, and magnesium. We will also be editing the crops to use 25% less water, saving the average farmer over 100,000 USD per year. This not only makes our solution high-impact but also economically incentivized.



"Here at NutriX, we are extremely committed to our vision that nutritional deficiency will become a thing of the past. I believe that our product will be able to revolutionize the entire agricultural industry and help billions around the world." - Eason Wu, co-founder of NutriX