



Revolutionizing Commodity Trading with Accurate Crop Yield Prediction

Eliminating Guesswork!

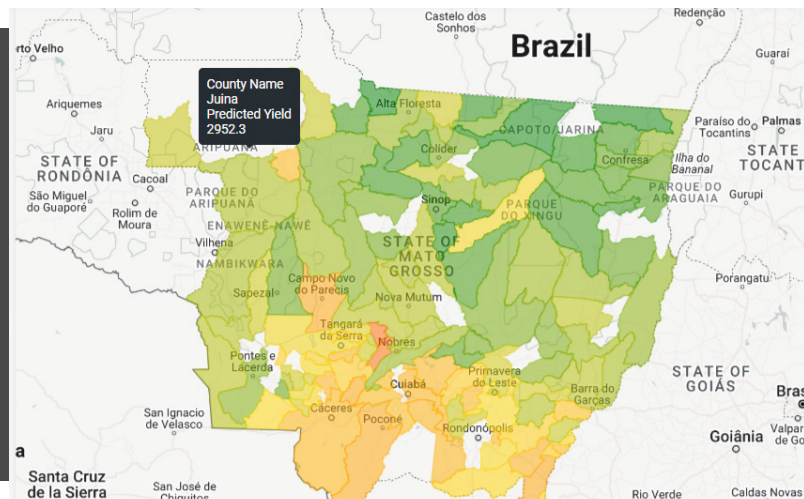
Commodity traders face escalating complexities, especially in the crops sector, with staples such as Corn and Soybeans, while market volatility is a major challenge, fueled by geopolitical conflicts, policy shifts, and climate events.

To stay competitive, manage risks and make informed decisions swiftly and accurately, traders must wisely maneuver through this complex market landscape, integrating traditional trading strategies with advanced AI technologies.



“Crop yield forecasting is the holy grail of smart agriculture. I’m approached regularly by firms stating they can offer better forecasting accuracy. SatYield is the only one that I am impressed by”

Chief Commodities Economist



SatYield introduces an innovative and novel method to yield prediction, using satellite imagery, computer vision and deep learning to achieve a remarkable 95%-99% prediction accuracy at a state level and up to 4 months before harvest.



Harnessing the Power of Satellite Imagery and AI

SatYield’s data-fusion AI platform generates real-time data to observe, identify and predict crop yield and production estimates.

Our novel approach to yield forecasting delivers incredible accuracy even in extreme weather conditions. We’ve developed a highly scalable and reliable system that eliminates the need for historical ground data and calibration. We fuse data from multiple satellites orbiting Earth, collect information at different wavelengths, integrate with weather and soil data, and augment it all with a versatile crop model simulator.



The Crop Yield Estimator calculates distinct vegetation metrics for various crop types, enabling yield prediction for a specific area of focus, up to 4 months before harvest. We are crop type, environment, and climate agnostic and can identify yield gaps, diagnose yield variability, and identify new ways of optimizing agricultural-related outcomes.

SatYield for Financial Services, Commodity Traders, and Hedge Funds.

Satyield offers crop yield prediction powered by AI, integrated with satellites, weather and proprietary and publicly available data sources to **enable rapid, efficient and accurate informed commodity trading decisions.**

- High Accuracy Yield Data, Over 95%
- Global, Real-Time In-Season Maps
- Updates Every 8-10 Days
- States & Counties Scale
- No Ground or Historical Data Needed
- Up to 5 Years Full-Season Trends and Baselines Historical Data



Key Applications for Traders



Early Forecasting

Traders can obtain early and reliable forecasts of US and global crop yields, three months prior to harvest with high accuracy (95%+) before traditional models and market reports are available.



Risk Management

Access to near real-time yield and production estimates allows traders to better assess risks and make informed decisions, potentially leading to better market positioning and risk mitigation strategies.



Data-Driven Decisions

With advanced knowledge of potential yield and price variations, traders can plan their buying and selling strategies more effectively, optimizing their profit margins and market influence.

Our mission NO HUNGER Sustainability

SatYield's mission is to empower millions of farmers in developing countries to create scalable and sustainable solutions by providing access to reliable and relevant information on how to improve their agricultural practices and productivity.

Securing the world's crops supply chain

SatYield provides high accuracy data at a micro and macro scale months ahead that leads to the optimization of the entire agricultural supply chain to minimize risks and uncertainties, and increase the value to all stakeholders.

The Founding Team

Founders, entrepreneurs, scientists and tech innovators, on a mission to build a powerful generative AI platform to maximize crop yield production harnessing the power of satellite imagery and AI.