



DRIVING NEXT GENERATION CROP YIELD RISK TRANSFER

ANY CROP. IN ANY COUNTRY. AT ANY GRANULARITY.

Climate solutions provider focused on running predictive biophysical crop models at scale

Praedictus enables firms to more accurately model and forecast the combined impacts of weather, technology, environmental conditions and climate change on commodity crop yields globally.

Year founded:

2015

Headquarters:

Chicago, IL, USA

Regional Scope:

Global

Provider Type:

Financial Analytics Company

Climate Risk Tools and Services

Relevance to thesis

Climate Risk Analytics

Lending Risk Offering

Agriculture Focus

Working in emerging markets

Business model overview

Deploys cutting-edge biophysical models to predict crop growth and development

Primarily focused on working with reinsurers, deploying next-generation parametric risk products

Three distinct uses cases for their products:

1. Risk transfer/hedging series
2. Valuation and analytics
3. Predictive climate models

Climate risk analytics

Historical, in season and climate-projected crop yield simulations based on weather, soil and crop management data

Global scope: wherever crops are raised

Delivery of raw data to customers; currently, platform in pilot stage

Data Sources

Publicly available data from ERAS

Data updated daily

Supporting Services

Does not appear to offer supporting services

Commercial Parameters

Target customers

FI

AG Producer

GOVT/ NGO

AG Buyer/ Processor

Readiness to implement

Medium

(for lending risk offerings for banks in developing markets)

Pricing/Revenue model

For insurance, risk transfer play, climate physical and transition risk; other services dependent on crops and data; platform will be subscription

Customization options

Data customizable based on client

Data Protection

All data is proprietary

Geographic reach

Applicable to any region

Crops covered

12 crops, expanding to 40 by 2023

Languages available

English, Spanish, Portuguese, can translate product based on client need

Engagement Opportunities

Financial Institutions

Have not yet worked with commercial banks

In process of partnering with lending organization

Agribusiness

Large agribusiness bought land in US, Praedictus modeled agribusiness crop system in that land, provided data back to the agribusiness

"Praedictus Climate has developed the science and technology to drive end to end agricultural crop yield risk transfer products, custom to the needs of any firm with exposure to weather-driven crop production loss."

from website