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.

**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 use 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

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**Year founded:**

2015

**Headquarters:**

Chicago, IL. USA

**Regional Scope:**

Global

**Provider Type:**

Financial Analytics Company