

Helios identified global rice disruptions months before harvest

CHALLENGE



Rice prices hit a 15 year high in late summer 2023, driven by extreme weather (including abnormally low precipitation, as seen below) and export curbs from key markets (e.g., India). The staple makes up as much as 60% of all calorie intake for people in parts of Southeast Asia and Africa.

At a glance

Helios helped customers identify global rice disruptions months before harvest, showcasing the ability of the Helios platform to predict and identify supply chain disruptions before the rest of the industry.

SOLUTION





Helios customers were able to track, and get ahead of, this risk in real-time. As early as March 2023 our platform identified the growing risks across most major markets. We were also able to track political risk considerations in real-time, helping customers flag additional pressure on supply chains.

Below is an example dashboard for a supplier we were tracking in Khorat Plateau, Thailand, a key rice growing region. Helios would've flagged the risk to the growing season at the earliest stages - helping customers better mitigate the risk and find alternative suppliers.



The world's best AI software to predict agricultural supply chain disruptions

 www.helios.sc
 Tysons, VA

Thai Rice Test

[How are we calculating?](#) | [×](#)

Commodity
Rice

Location
Khorat Plateau, Lahan Pla Khao, Prathai District, Nakhon Ratchasima 30180, Thailand

Precipitation



Moisture Changes (sum of previous 30 days compared vs. historical avg)

Average Cloud Cover
↓ **4.77%**
69.15%

Average Humidity
↓ **6.19%**
78.85%

Standard Precipitation Index
Way too dry
-2.83