

# Global fast food chain able to identify potato disruption early in season

## CHALLENGE



Everybody loves french fries, but they require only the biggest and best potatoes. That's why Helios helped a global restaurant chain keep track of the potato harvest for one of its key suppliers in Boardman, OR, USA - and help it identify at the beginning of the growing season that they needed to find alternatives.

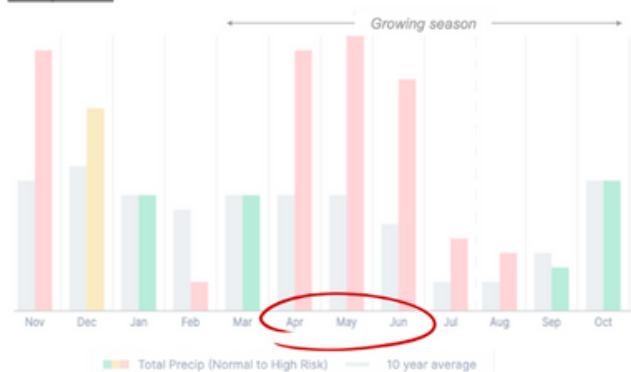
## SOLUTION



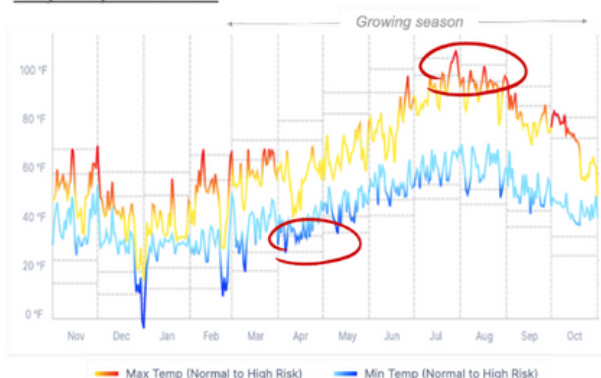
Helios would have flagged potential risk of disruption as early as April, given:

- There was extremely high precipitation starting in April, all through key planting and growing season. The excess water causes cells of the potato to deteriorate, make seed pieces weak or even prevent them from establishing a healthy canopy entirely.
- The growing season had a colder than average April, coupled with an unexpected freeze in mid-May.
- There were exceedingly high temperatures in July and August. Potato productivity is greatly reduced at high temperatures, specifically above 86 °F during the day and 77 °F at night.

*Precipitation*




*Daily Temperature Risk*



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## At a glance

Helios helped a global fast food chain identify disruption to a key potato supplier at the beginning of the growing season, showcasing the ability of the Helios platform to predict and identify supply chain disruptions before the rest of the industry.