

Secrets of the World's Most Efficient Farms



How aerial spectral imaging helps dairy farmers improve sustainably, crop quality

Ceres Imaging uses aerial spectral imagery and neural networks to tell farmers who aren't getting enough water or to detect pests and diseases before an outbreak can



How Ceres Imaging Won the Imagine H2O Challenge

Archived May 23, 2016

At Imagine H2O, we select 10 of the most promising water technology businesses globally each year, and commit to providing each of them with a path to market through investor and customer introductions, mentorship, and visibility.

EMMA FDEHRINGER MERCHANT SCIENCE 05.04.17 11:00 AM

SILICON VALLEY'S MISSION TO SAVE CALIFORNIA AG FROM DYING OF THIRST

Technology

AI Will Give Us Better French Fries

By Lydia Mulvany

April 26, 2018, 9:27 AM PDT



Neural Networks



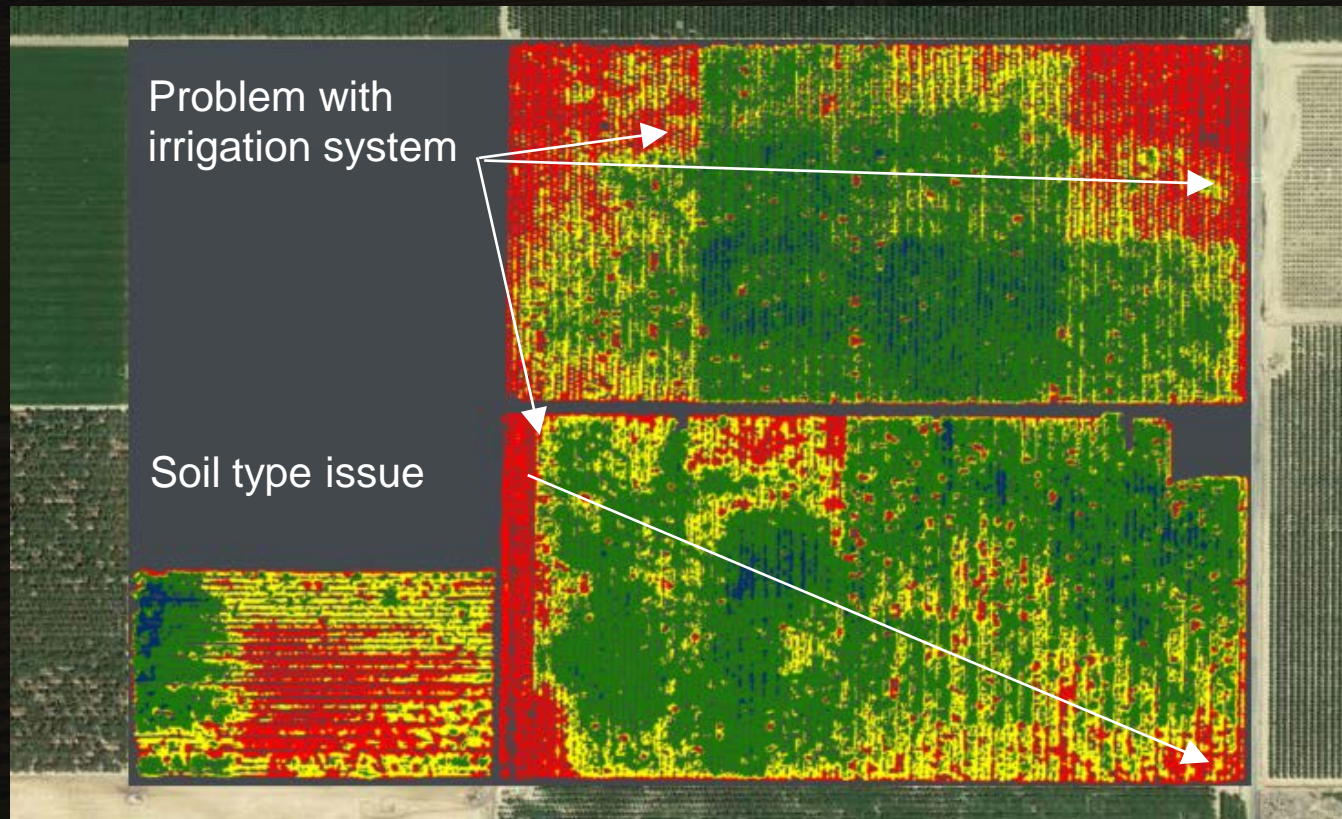
ISSUES ISSUE 2018-06-01

Bye Bye Bananas? Lunchbox Favorite Is One Of Many Crops Threatened In A Changing World

By Chip Carter - May 31, 2018

Ceres Imagery Helps Farmers Make Better Decisions and Identify Problems

Inefficiencies identified by water stress imagery in almond orchard

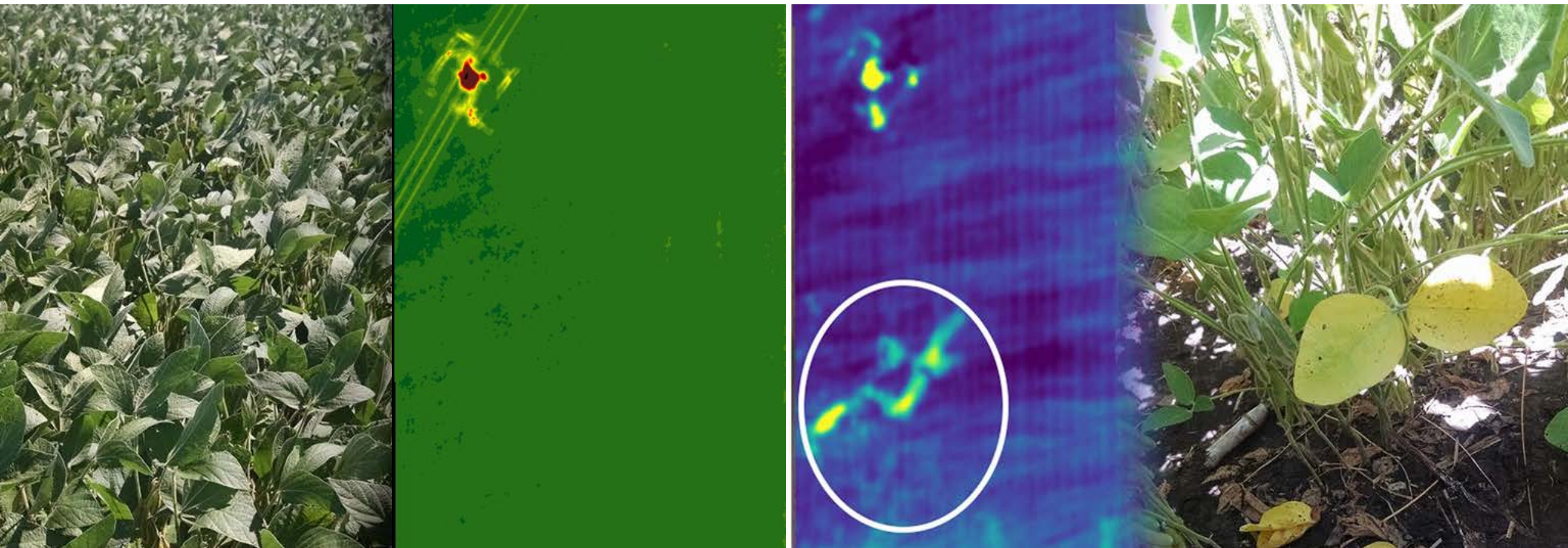


**Cost of imagery:
\$2,000-\$3,000**



**Total value of
imagery:
\$100,000+
yield increase**

Disturbance Index: Early Detection of Pests and Diseases



Soybean field, canopy looks healthy...

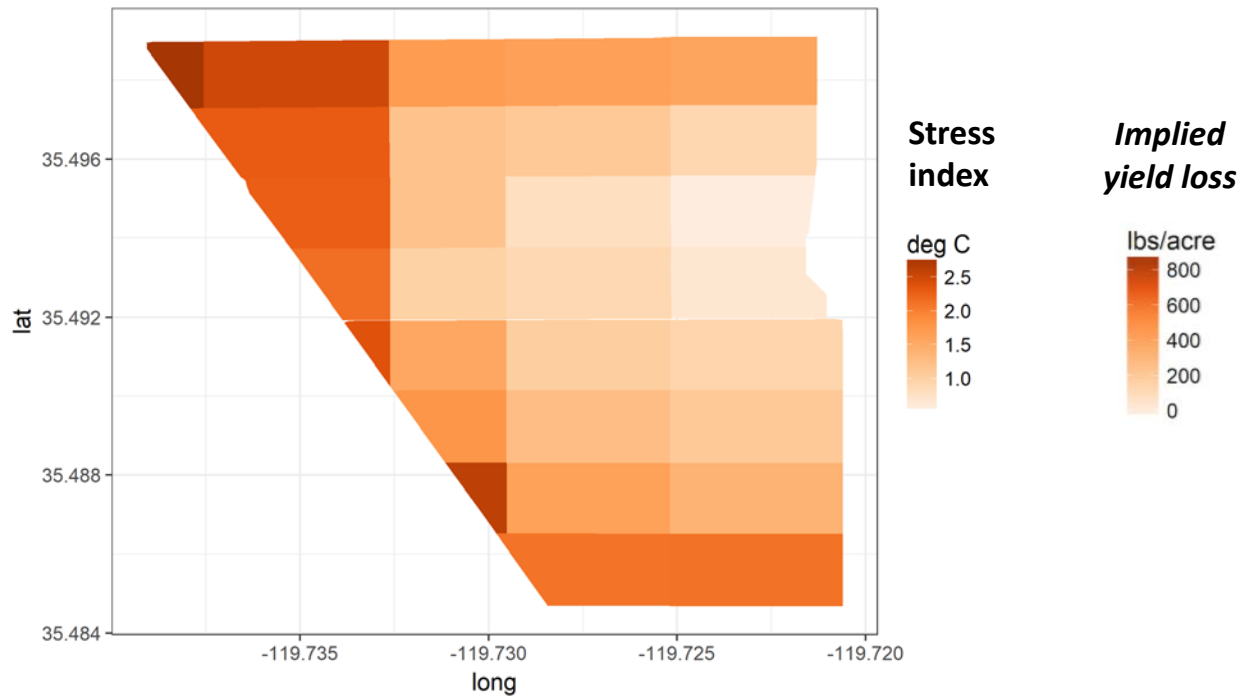
But underneath there's an outbreak

By the time a disease is easily visible (NDVI/naked eye) in the canopy 80%+ of the damage is done. **Yield loss 20 bushels per acre (~\$70/acre).**

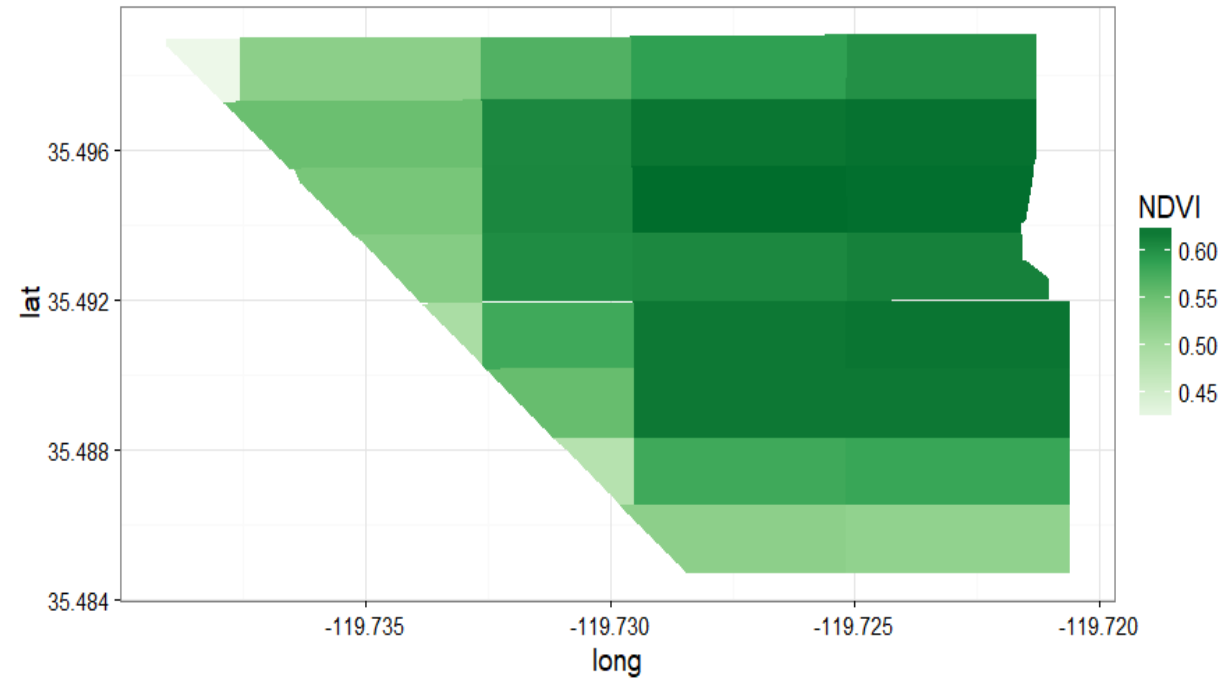


Analytics: cumulative stress identifies fields with over and under watering

Accumulated Thermal Stress



End-of-season NDVI



Contact Me



Anthony Atlas

VP Product, Ceres Imaging

anthony@ceresimaging.net

<https://www.linkedin.com/in/anthonyatlas/>

Techstars Mentor

Stanford Symbolic Systems

Co-Founder Bloodhound (\$5M raised)

Intel International Science & Engineering Fair Winner

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Thank You
nashelley@imagineh2o.org

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