

# DAMAGE ASSESSMENT

Easily determine the extent of impact and inform in-field testing based on damage classifications



Ceres is expanding its suite of damage assessment products, to **give growers an efficient way to assess crop loss following severe weather events.**

We are launching an alpha program in which select customers can receive an assessment in exchange for feedback on crop loss. Growers can use damage analytics and reports to support management decisions, or can share reports with crop insurance adjusters to improve communication, and expedite claims payouts.

- ✔ Discover the overall impact of a peril event, as well as the degree of damage (low to high) for each 1/20-acre section
- ✔ Expedite the damage assessment process and payouts for claims

Ceres Damage Assessment alpha allows participants to get early access to solutions in development for assessing the impact of a severe freeze/frost, flood, hail, or wind event.

- We create models and analytics using aerial imagery to calculate which areas of the field are most damaged
- The damage metric provides areas of a field to keep an eye on after the event
- Damage assessments supported by ground truthing data strengthen conversations with insurers, and fast track model development
- The data can be shared with your agent and insurance company to help inform the damage assessment, and can result in a speedier payout

Ceres will use the collected data to improve upon damage models, with a longer-term goal of being able to qualitatively assess impact on yield

Participation in this alpha will be offered to customers with the following crop types and peril events

	Cereals	Legumes	Tubers	Fruit and Nut Trees	Citrus	Grapes
Primary crops	Corn, Wheat	Soybeans	Potatoes, Sugar Beets	Almonds, Cherries, Hazelnut	Oranges	Grapes
Secondary crops	Barley, Rye, Triticale, Oats, Sorghum, Millet, Rice	Peas, Lentils, Dry Beans, Chickpeas	Sweet Potatoes		Lemons, Grapefruit, Mandarin	Table Grapes
Freeze/frost	✔	✔	✔	✔	✔	✔
Flood/PP	✔	✔	✔	✔	✗	✗
Hail	✔	✔	✔	✔	✔	✔
Wind	✔	✗	✗	✔	✔	✗

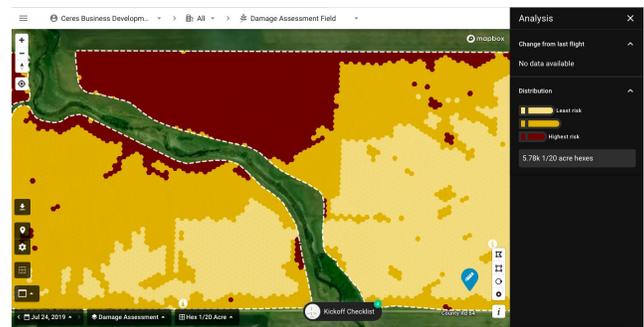


Each damage layer will provide an overview of damage on the field, including the risk or degree of damage at the 1/20 hex bin for annuals and the tree level for Citrus.

Customers who participate in the alpha program will be solicited to provide feedback on the feature to inform further development. Block or field level yield data from previous harvest year and later in the season is required to be collected in exchange for participation.

It also would be very useful to get:

- In person assessment of damage (to be collected by a Ceres Imaging professional or a Claims Adjuster contracted by Ceres)
- Insurance claims data following the event



Make data-driven management decisions with the Damage Assessment layer.