



Tyler Williams Extension Educator University of Nebraska









June 2014 hail event was the catalyst for this project

Challenge: Nebraska Extension has hail information, but it's located in many places

Opportunity: Repackage the information to make it appealing, accessible, and shareable

USDA NIFA funded the project for \$41,000 from September 2015 to August 2018





United States Department of Agriculture National Institute of Food and Agriculture





Meet the Team



Overview of the Hail Know project



Hail Know addresses six topic areas

Hail Events & Damage

Crop Damage Assessment

Insurance & Risk Management

Replanting Considerations Managing a Recovering Crop

Cover Crops









- This is a three-part project
- Each part is designed for different learning styles
- cropwatch.unl.edu/hailknow



Infographics



Videos



Website



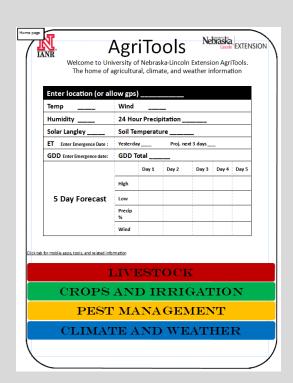




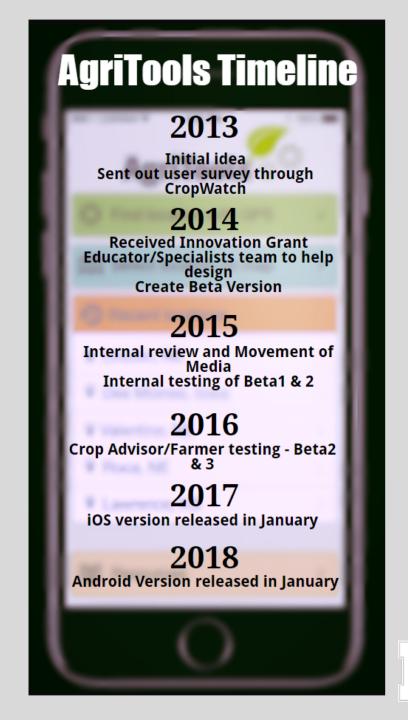


















New for 2019!





33°

MOSTLY CLOUDY

Humidity: 82% Dewpoint: 28° F
Wind Speed: NE 22 MPH Visibility: 5 Miles
Wind Gust: 45 MPH Wind Chill: 34° F

Barometer: 29.84

Yesterday's Weather Summary (11/11/11)

Air Temp (max/min): 66°F/34°F

Wind Speed (gust): 22 MPH (22)

Humidity: 79.28%

Reference ET (alfalfa): 0.06

Solar Langley: 238

GDD (since May 1): 27 (3,428)

Modify GDD start date

Find Location with GPS

Select location on map

Select from recent locations

Lincoln NE

4 Miles NNW Walton NE

2 Miles WNW Valley Springs SD

4 Miles NW Arlington NE







4 Miles NNE Walton NE





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Modify GDD start date

Forecast



44° This Afternoon



44°



44°

Friday Night

44° Saturday





Saturday Tonight

44° Sunday





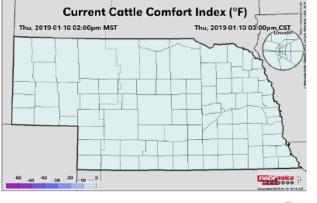






Forecast Graphs

Weather Maps



Share to Social Media []





Mobile Apps

Websites

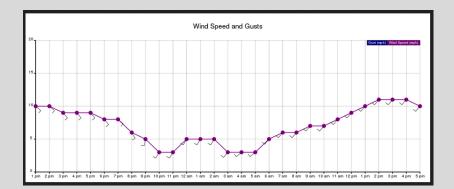








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4 Miles NNE Walton NE +



Estimate Crop Water Use Value

Select Crop

Select Stage

22 WATER USE VALUE

Additional Crop Resources

Mobile Apps

Grass Snap

Monitor range and pastureland using photo points and record keeping.

Websites

UNL Beef Website

Heat Stress Calculator







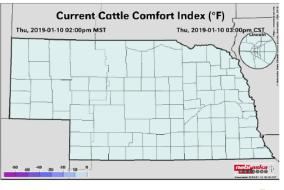




4 Miles NNE Walton NE +



Livestock Maps



Share to Social Media



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Select Map

Additional Livestock Resources

Mobile Apps

Grass Snap

Monitor range and pastureland using photo points and record keeping.

Websites

UNL Beef Website

Heat Stress Calculator

APP DISCLOSURES













4 Miles NNE Walton NE



Select Pest

TODAY

RUNNING TOTAL

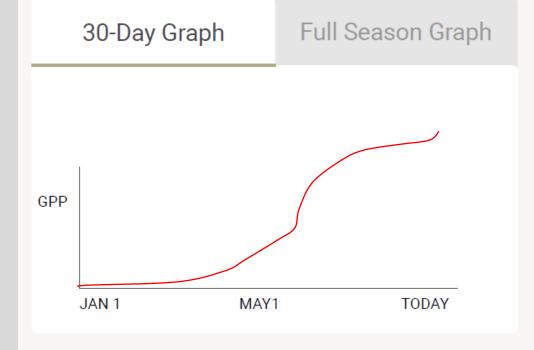
Growing Degree Days:

18

2175

Threshold	This Season	Historical Average Early	Historical Average Late
Threshold #1	5/28	5/28	5/28
Threshold #1	6/6	6/6	6/6
Threshold #1	6/28	6/28	6/28
Threshold #1	7/15	7/15	7/15
Threshold #1	PROJECTED 8/31	8/31	8/31
Threshold #1	9/12	9/12	9/12

Pest scouting images & info >



Additional Pest Resources

Mobile Apps

Websites

















weather-ready.unl.edu











tyler.williams@unl.edu @tylerw_unl

