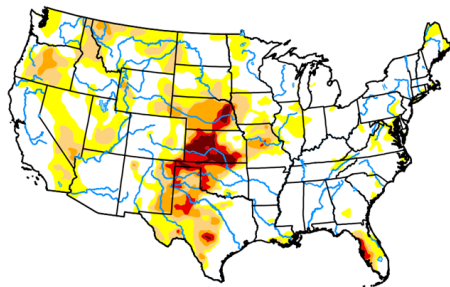


# Crop Stress—2023



**Intensity:**  
 None  
 D0 Abnormally Dry  
 D1 Moderate Drought  
 D2 Severe Drought  
 D3 Extreme Drought  
 D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

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Drought levels across the US change weekly, but have been persistent. Couple the lack of subsoil moisture around the U.S. with the latest outlook for weather into the true summer of 2023, and higher levels of stress on this current crop could be significant.

We at Rob-See-Co are developing a line of products that combine essential nutrients with specific plant extracts and valuable amino acids able to increase crop ability to fend off the stress of extended periods of

drought and heat. A one-two recommendation starts with NutriBoost Defense, applied in front of forecasted weather of above normal temperatures and below normal precipitation. We recommend applying between V5 and VT, though dictated by the onset of extreme temps and drought.

NutriBoost Defense offers a 5-8-4 nutrient analysis.

Add *arginine*, which focuses on storage and transport of organic nitrogen. More important it builds polyamines that trigger molecular and physiological stress tolerance.

A second component, *tryptophan*, stimulates the production of a natural plant hormone; indole-acetic acid for strength in cell division and elongation in stressful growing periods.

5-8-4 Guaranteed Analysis	
Total Nitrogen (N)	5.00%
0.60% Organic Nitrogen (N)	
1.00% Nitric Nitrogen (N)	
1.7% Ammoniacal Nitrogen (N)	
1.7% Ureic Nitrogen (N)	
Available Phosphate (P205)	8.50%
Soluble Potash (K2O)	4.00%
Organic Carbon* (C)	3.00%
* of biological origin	

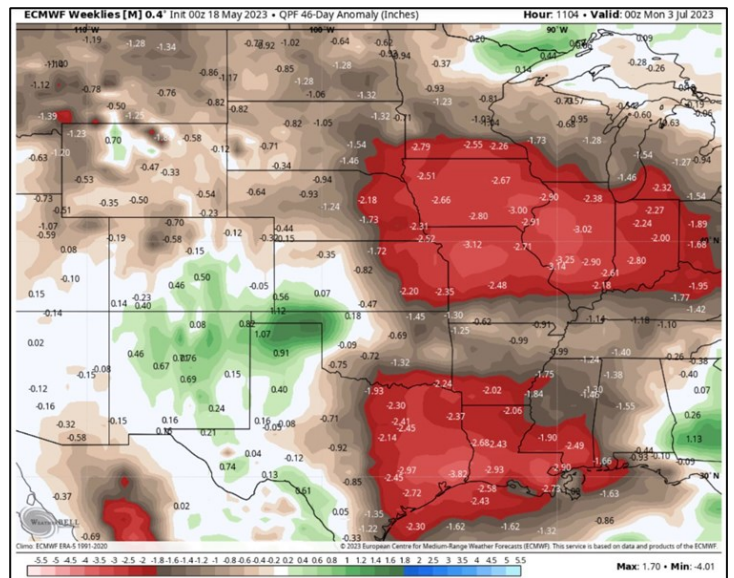
The second of the one-two punch, at

Rob-See-Co and Streamline Ag, we promote and

recommend a multiple mode of action fungicide program in front of extreme temperature weather patterns. The family of strobiluron fungicides can have a direct effect on slowing the respiration rate of your crop during these high heat, high GDU accumulation time periods. Slowing the respiration process, which is the night-time, or dark reaction of photosynthesis, increases the

utilization of the sugar, photosynthate, and total energy accumulated during the daytime, light reaction period of photosynthesis.

Rob-See-Co and Streamline Ag are committed to seed and seed-driven crop inputs to help protect the potential crop performance on your farm.



Darin D. Fessler  
 Predictive Precip Model Thru July 3

