

N EXTENSION

Nebraska On-Farm Research Network

Years: 2013
Title: Corn Hybrids
Crop: Corn
County: Red Willow
Study ID: 135145201301
Objective: Compare "DroughtGuard" vs "AquaMax" corn hybrids
Treatments: DKC 63-55RIB YT2R - "DroughtGard"
P-1498AM AM/LL/RR2/AQ - "AquaMax"

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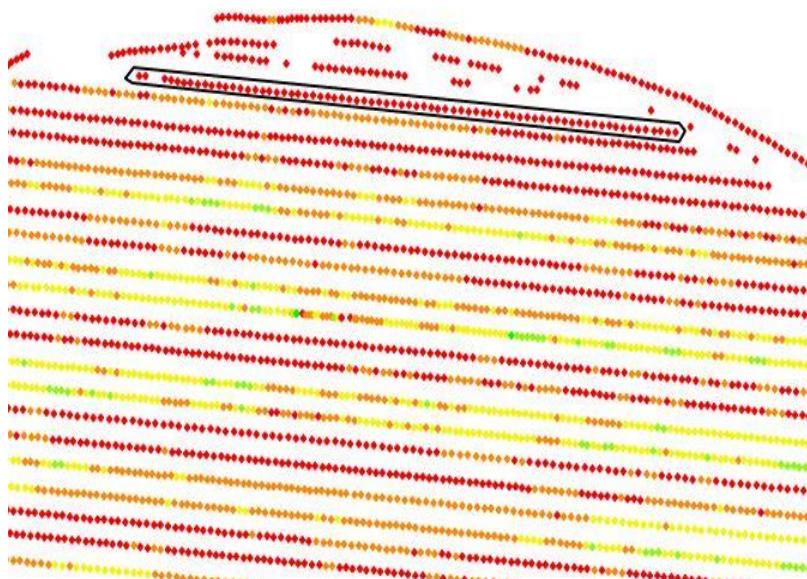
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Information: 2013 Corn - Drought Tolerant Hybrids



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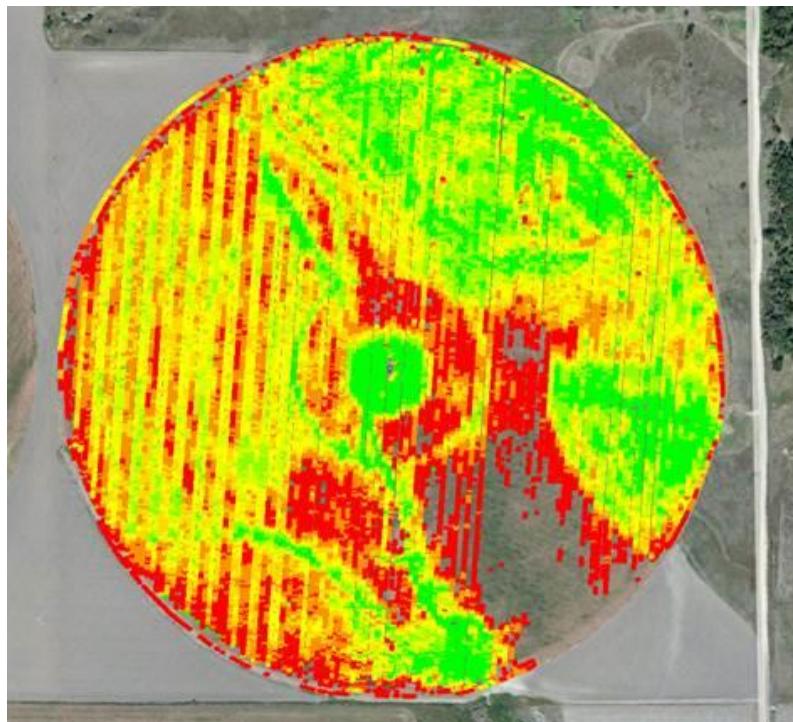
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Results: 2013

Corn - Drought Tolerant Hybrid

	Yield	Moisture	Cost/A
DKC 63-55RIB YT2R - "DroughtGard"	79 A	13.78B	\$106
P-1498AM AM/LL/RR2/AQ - "AquaMax"	44 B	18.35 A	\$82
Prob>/T/	0.000***	0.000***	

Holdrege and Keith silt loams *Uly and Coly silk loam on slopes. Crop Rotation corn/corn/soy - Prior Crop Corn **IRRIGATION Total: 8.6 RAINFALL Total: 9.11** May-1.29 Jun-2.11 Jul-0.76 Aug-2.03 Sep-2.35 Oct-0.57
(DroughtGuard vs. AquaMax on 300 gal/min (LOW Capacity) well 29 reps)-Great plant health for AquaMax. Major significance in yield increase for DroughtGuard. Irrigation: Center pvt; drop nozzles (not iWob)

SUMMARY: The DroughtGard hybrid outperformed the AquaMax hybrid on a low capacity well with minimal subsoil moisture. Need additional years of data.

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