

2008 CMDC

Irrigation Management –

Gary Zoubek

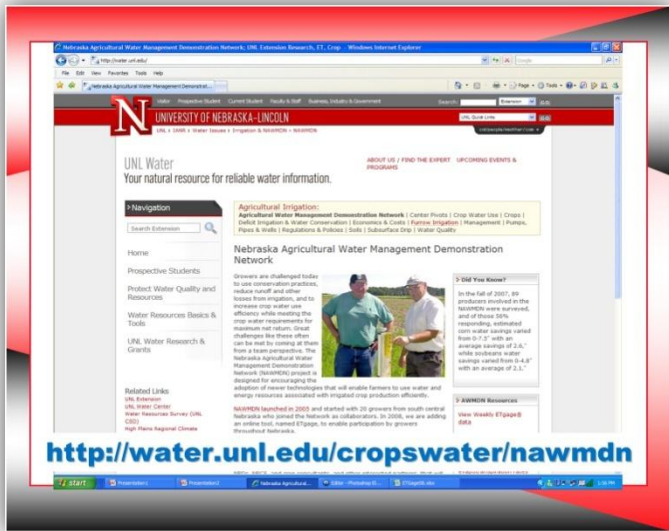
Use & Copyright

The materials in this document were developed by and for use by University of Nebraska–Lincoln Extension in the Institute of Agriculture and Natural Resources. The materials are copyrighted by the Board of Regents of the University of Nebraska–Lincoln on behalf of the University of Nebraska–Lincoln Extension. All rights are reserved.

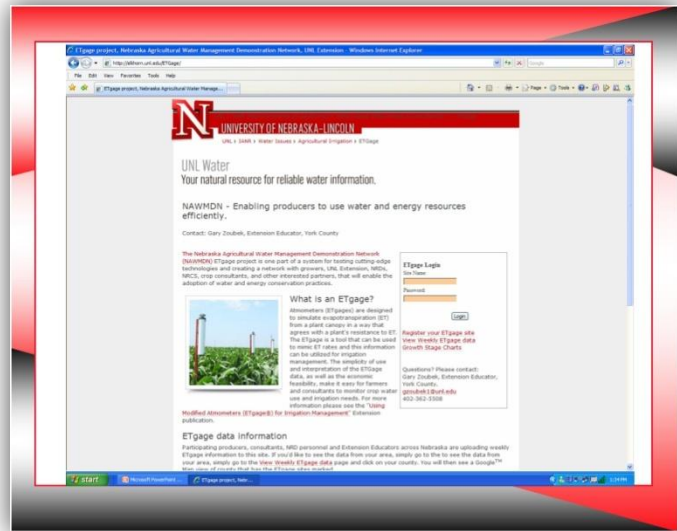
Copies may be printed for individual personal use; however, these materials can not be republished in print, on another Web site or used commercially without prior written permission. To seek permission to print a publication for educational use, please email us at dpittman1@unl.edu.

Disclaimer

Reference to commercial products or trade names in these publications is made with the understanding that no discrimination is intended and no endorsement by University of Nebraska-Lincoln Extension is implied.



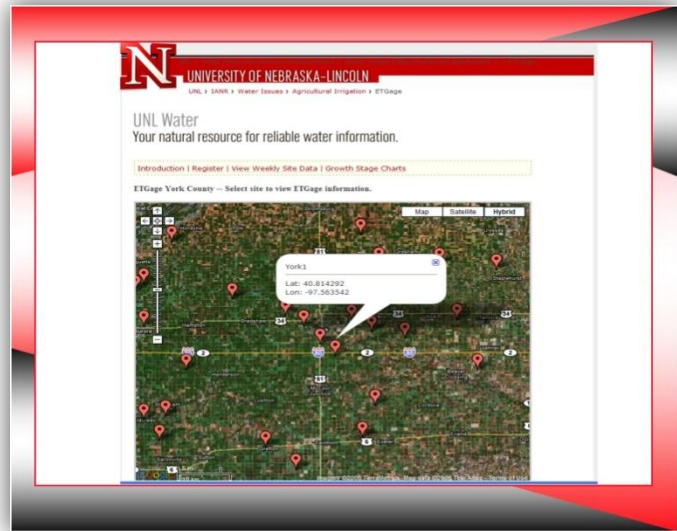
2008CMDC-Zoubek001



2008CMDC-Zoubek002



2008CMDC-Zoubek003



2008CMDC-Zoubek004

UNIVERSITY OF NEBRASKA-LINCOLN
UNL Water
Your natural resource for reliable water information.

Introduction | Register | View Weekly Site Data | Growth Stage Charts

Yearly weekly ETgage data

Corn: **Nebraska** | **Water** | **Soil** | **Planting** | **Harvest** | **Soil Health** | **Site Issues** | **Soil** | **Water** | **Planting** | **Harvest**

Data collected starting on: 6/26/2008

Reading for week starting: 05/13/2008 05/20/2008 05/27/2008 06/03/2008 06/10/2008 06/17/2008 06/24/2008 N/A N/A N/A

ETgage Weekly Change: 1.93 1.07 1.05 1.38 1.38 1.54 1.45

Rain Measurement: 1.70 0.60 0.40 1.33 0.70 2.70 0.40

Weekly crop water use

| Corn Stage | ET Factor | 05/13/2008 | 05/20/2008 | 05/27/2008 | 06/03/2008 | 06/10/2008 | 06/17/2008 | 06/24/2008 | N/A | N/A |
|---------------|-----------|------------|------------|------------|------------|------------|------------|------------|-----|-----|
| V2 | 0.18 | 0.35 | 0.19 | 0.19 | 0.25 | 0.34 | 0.28 | 0.26 | - | - |
| V4 | 0.35 | 0.68 | 0.37 | 0.37 | 0.48 | 0.66 | 0.54 | 0.51 | - | - |
| V6 | 0.51 | 0.98 | 0.35 | 0.34 | 0.70 | 0.96 | 0.78 | 0.74 | - | - |
| V10 | 0.69 | 1.33 | 0.74 | 0.72 | 0.85 | 1.30 | 1.06 | 1.06 | - | - |
| V12 | 0.88 | 1.70 | 0.94 | 0.92 | 1.21 | 1.63 | 1.36 | 1.28 | - | - |
| V14 | 1.01 | 1.95 | 1.08 | 1.06 | 1.39 | 1.90 | 1.58 | 1.48 | - | - |
| V16 | 1.1 | 2.12 | 1.18 | 1.16 | 1.52 | 2.07 | 1.69 | 1.60 | - | - |
| Full Dent | 0.96 | 1.83 | 1.03 | 1.01 | 1.32 | 1.80 | 1.48 | 1.39 | - | - |
| Black layer | 0.6 | 1.16 | 0.64 | 0.63 | 0.83 | 1.13 | 0.92 | 0.87 | - | - |
| Full Maturity | 0.1 | 0.19 | 0.11 | 0.11 | 0.14 | 0.19 | 0.13 | 0.14 | - | - |

2008CMDC-Zoubek005

<http://cropwatch.unl.edu/>

Maps of Potential Evapotranspiration Rates for the High Plains Region

The following maps are provided by School of Natural Resources. Check the [High Plains Climate Center's Web site](#) for local, regional, and national climate data resources you can use when planning for your agricultural operation.

Potential Evapotranspiration (in)
6/30/2008 - 7/6/2008

High Plains Regional Climate Center
Generated 7/7/2008 using NCEP data.
Average of Past Seven Days Potential Evapotranspiration
(in inches)

2008CMDC-Zoubek006