

# Tri-Basin Irrigator

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## PROGRAM INFORMATION

**CSP:** THE CSP CONTINUOUS SIGNUP IS NOW UNDERWAY. APPLICATION CUTOFF FOR RANKING IS **SEPTEMBER 30<sup>TH</sup>**. SEE ARTICLE BELOW AND RANKING AREA MAP ON BACKSIDE (PAGE 2).

### **EQIP, AWEP, WHIP, WRP, CREP, & CONT. CRP:**

APPLICATIONS FOR FUNDING ASSISTANCE AND/OR ANNUAL PAYMENTS CAN BE TAKEN ANYTIME AT YOUR LOCAL USDA SERVICE CENTER. -- AWEP APPLICATIONS WILL BE RANKED, APPROVALS ANNOUNCED AND CONTRACTS WRITTEN OVER THE NEXT 2-3 WEEKS. -- WE CONTINUE TO APPROVE EQIP APPLICATIONS AS MORE FUNDS BECOME AVAILABLE.

**NSWCP:** **AUGUST 28<sup>TH</sup>** IS THE DEADLINE TO HAVE IRRIGATION APPLICATIONS IN SO THEY CAN BE REVIEWED FOR APPROVAL AT THE SEPTEMBER BOARD MEETING. ANY IRRIGATION APPLICATIONS TURNED IN AFTER AUGUST 28<sup>TH</sup> OR NOT APPROVED IN SEPTEMBER WILL BE REVIEWED FOR APPROVAL IN DECEMBER.

## CALENDAR OF EVENTS

- AUG 18:** SUBSURFACE DRIP IRRIGATION FIELD DAY @ UNL SOUTH CENTRAL RESEARCH FARM NEAR CLAY CENTER, NE
- AUG 19:** PUBLIC HEARING ON TBNRD PROPOSED RULE CHANGES
- SEPT 8:** CNPPID BOARD OF DIRECTORS MEETING, 9 AM
- SEPT 8:** TBNRD BOARD MEETING, 1:30 PM
- SEPT 15-17:** HUSKER HARVEST DAYS

### **CSP Sign-up is Underway!!!**

The Conservation Stewardship Program (CSP), formerly known as the Conservation Security Program, is a voluntary conservation program providing opportunities to recognize excellent stewards of our natural resources and to deliver new conservation efforts. During the last Farm Bill, CSP was available in approved watersheds across the nation. Under the new Farm Bill, it will be nationwide. A map on the backside of this newsletter (page 2) shows the application ranking areas across Nebraska.

Public meetings are scheduled over the next couple of weeks across Nebraska to inform producers about this program. In the Tri-Basin NRD, the following meetings are scheduled:

- Tuesday, August 25<sup>th</sup>:** Kearney Co. Fairgrounds in Minden  
Times are 1:30 PM and 7:00 PM
- Wednesday, August 26<sup>th</sup>:** Elwood Civic Center in Elwood  
Times are 1:30 PM and 7:00 PM
- Thursday, August 27<sup>th</sup>:** Super 8 Motel in Holdrege  
Times are 1:30 PM and 7:00 PM

A list of scheduled statewide meetings is available at <http://www.ne.nrcs.usda.gov/>. This list may not be complete at this time so continue to check it.

To apply, potential participants are encouraged to first complete a self-screening checklist to determine if the program is suitable for them. This checklist is available at [http://www.nrcs.usda.gov/new\\_csp/](http://www.nrcs.usda.gov/new_csp/).

If you have any questions about the program, contact your local NRCS office or attend one of the public meetings. **Cutoff deadline for ranking is September 30<sup>th</sup>.**

## ACROSS THE TRI-BASIN NRD

### **Quick Status of Programs for Producers:**

There has been a lot of information out on old and new programs recently. I would like to just quickly touch on them. It's difficult to cover everything in this newsletter so hear is my best short effort.

EQIP applications continue to get funded as 2009 money becomes available.

Sign-up cutoff date for ranking CNPPID's 2009 AWEP (sub-component of EQIP) funds ends August 14<sup>th</sup>. We'll be ranking, approving and writing contracts over the next 2-3 weeks.

CCPI is a program I haven't announced in my newsletter. It is another sub-component of EQIP as there are many. We are currently finishing up 2009 contracts on approved applicants. This program helps producers in treating invasive species. Mostly known for, but not limited to, controlling phragmites, salt-cedars, etc along streams.

CSP is now underway. NRCS will be hosting public meetings, taking applications, ranking them, announcing approvals, and writing contracts over the next couple of months.

There are many other conservation programs we continue to work with. You can sign-up for most programs any time. If you have questions about them or wish to know more about what programs are available to you, contact your local NRCS office.

### **Stage of Growth:**

**Corn (R2-Blister to R4-Dough stage):** Stress at the milk stage, although not as severe as at silking, can still have a profound effect on yield. The kernels are now well into their rapid rate of dry matter accumulation. As kernels mature, the amount of potential yield reduction from stress becomes less.

**Average daily water use from Aug. 3-Aug. 9 was 0.17"-0.22".**

**Soybeans (R3-Beg. Pod to R5-Beg. Seed stage):** Demand for water and nutrients is large throughout the rapid seed filling period. Environmental stress (moisture, light, nutrient deficiencies, frost, lodging or defoliation) from now till shortly after R6 (Full Seed) will reduce yields more than at any other period of development.

**Average daily water use from Aug. 3-Aug. 9 was 0.19"-0.20".**

### **Irrigation:**

Irrigation continues. Dryland looks good. A rain or two now can carry the dryland a long way. **From Aug. 3-Aug. 9 (13 NAWMDN sites), the average weekly rainfall was 0.73" and average weekly ET for corn was 1.40" and beans was 1.38".**

Lake McConaughy is at 51.0% capacity versus 33.6% a year ago. Inflows to Lake McConaughy are at 920 cfs versus 760 cfs a year ago. Flows on the South Platte River @ North Platte are at 212 cfs versus 144 cfs a year ago.

### **Rainfall:**

Rainfall amounts come from NeRAIN which can be found at website <http://dnrddata.dnr.ne.gov/NeRAIN/index.asp?&>.

<u>Location:</u>	<u>July 30 – Aug 12</u>	<u>May 1 – Aug 12</u>
<b>Arapahoe 6.9 mi. NW:</b>	<b>0.61"</b>	<b>13.70"</b>
<b>Bertrand 6.1 mi. SE:</b>	<b>0.84"</b>	<b>9.13"</b>
<b>Funk 12.5 mi. N:</b>	<b>1.44"</b>	<b>14.42"</b>
<b>Wilcox 0.3 mi. SW:</b>	<b>0.58"</b>	<b>12.12"</b>
<b>Minden 4.4 mi. NW:</b>	<b>1.01"</b>	<b>9.77"</b>

## NAWMDN CROP ET INFORMATION

Additional Atmometer sites and Weather Station Data can be found at websites listed under "ET Information Sites" below.

7 Days=July 27-Aug 2    7 days=Aug 3-Aug 9

Inches of Crop Water Use (ET) = Evaporation x K<sub>c</sub>

- Atmometer Station: Arapahoe 7 Northwest (#5)  
**Evaporation:**    Week #1 = 1.10 inches    Week #2 = 1.40 inches
- Atmometer Station: Elwood 1 East (#6)  
**Evaporation:**    Week #1 = 0.90 inches    Week #2 = 1.10 inches
- Atmometer Station: Bertrand 4 Southwest (#7)  
**Evaporation:**    Week #1 = 1.10 inches    Week #2 = 1.25 inches
- Atmometer Station: To Be Added (#12)  
**Evaporation:**    Week #1 = 0.90 inches    Week #2 = 1.20 inches
- Atmometer Station: Holdrege 5 Southeast (#9)  
**Evaporation:**    Week #1 = 1.10 inches    Week #2 = 1.25 inches
- Atmometer Station: Funk 6 Northeast (#8)  
**Evaporation:**    Week #1 = 1.00 inches    Week #2 = 1.20 inches
- Atmometer Station: Minden 11 Southeast (#2)  
**Evaporation:**    Week #1 = 1.10 inches    Week #2 = 1.40 inches
- Atmometer Station: Minden 5 North (#3)  
**Evaporation:**    Week #1 = 0.70 inches    Week #2 = 1.20 inches

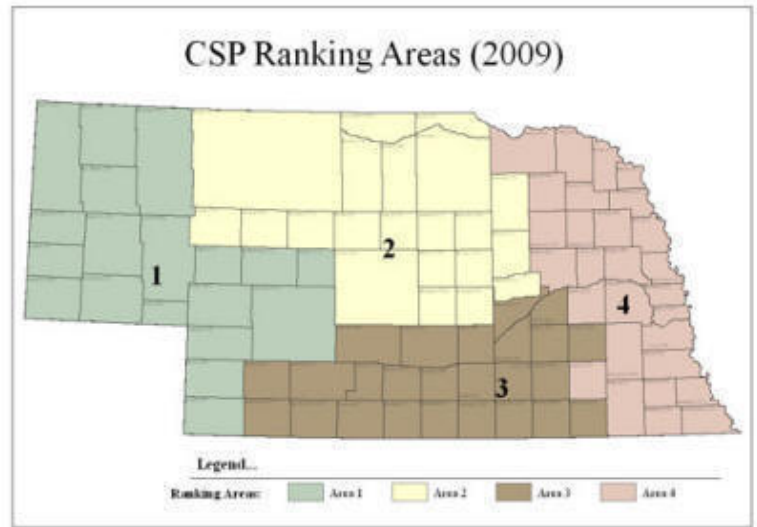
<u>Corn</u>		<u>Crop Coefficients (K<sub>c</sub>)</u>		<u>Soybeans</u>	
<u>Stage</u>	<u>K<sub>c</sub></u>	<u>Stage</u>	<u>K<sub>c</sub></u>	<u>Stage</u>	<u>K<sub>c</sub></u>
2 leaf	0.10	Cotyledon (VC)	0.10		
4 leaf	0.18	1st Node (V1)	0.20		
6 leaf	0.35	2nd Node (V2)	0.40		
8 leaf	0.51	3rd Node (V3)	0.60		
10 leaf	0.69	Beg. Bloom (R1)	0.90		
12 leaf	0.88	Full Bloom (R2)	1.00		
14 leaf	1.01	Beg. Pod (R3)	1.10		
16 leaf	1.10	Full Pod (R4)	1.10		
Silk, Bl., Dough	1.10	Beg. Seed (R5)	1.10		
Beg. Dent	1.10	Full Seed (R6)	1.10		
Full Dent	0.98	Beg. Mat. (R7)	0.90		
Black Layer	0.60	Full Mat. (R8)	0.20		
Full Maturity	0.10	Mature	0.10		

### ET Information Sites

- NAWMDN Sites:  
[www.cnppid.com/ET\\_Map\\_location\\_page.htm](http://www.cnppid.com/ET_Map_location_page.htm)  
[elkhorn.unl.edu/ETGage/](http://elkhorn.unl.edu/ETGage/)  
 Water Use Hotline – dial 1-800-993-2507  
 Central Irrigation District: [www.cnppid.com](http://www.cnppid.com)  
 UNL Cropwatch – [cropwatch.unl.edu/weather/gdd-et.html](http://cropwatch.unl.edu/weather/gdd-et.html)

### Websites of Interest

- NRCS Nebraska [www.ne.nrcs.usda.gov](http://www.ne.nrcs.usda.gov)
- Central Irrigation District [www.cnppid.com](http://www.cnppid.com)
- TBNRD Home Page [tribasinprd.org](http://tribasinprd.org)
- Farm Service Agency [www.fsa.usda.gov](http://www.fsa.usda.gov)
- UNL Cropwatch [cropwatch.unl.edu](http://cropwatch.unl.edu)
- UNL Extension [www.extension.unl.edu/home](http://www.extension.unl.edu/home)
- UNL Water [extension-water.unl.edu](http://extension-water.unl.edu)
- K-State SDI Website [www.oznet.ksu.edu/sdi](http://www.oznet.ksu.edu/sdi)
- No-till On The Plains [www.notill.org](http://www.notill.org)
- No-till Notes [www.npnrd.org/notill.htm](http://www.npnrd.org/notill.htm)



*There is nothing noble about being superior to some other man.  
 The true nobility is in being superior to your previous self.*

- Hindu Proverb

\*\*\* If you wish to receive this newsletter via e-mail, or have any questions, comments or ideas, feel free to contact Curtis Scheele at the NRCS office in Holdrege or you can email him at [curtis.scheele@ne.usda.gov](mailto:curtis.scheele@ne.usda.gov). \*\*\*

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 308-995-6121, Ext. 3

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 309 Smith Street  
 PO Box 41  
 Elwood, NE 68937-0041  
 308-785-3307, Ext. 3

**USDA-NRCS**  
 1005 South Brown Street  
 Minden, NE 68959-2601  
 308-832-1895, Ext. 3

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