

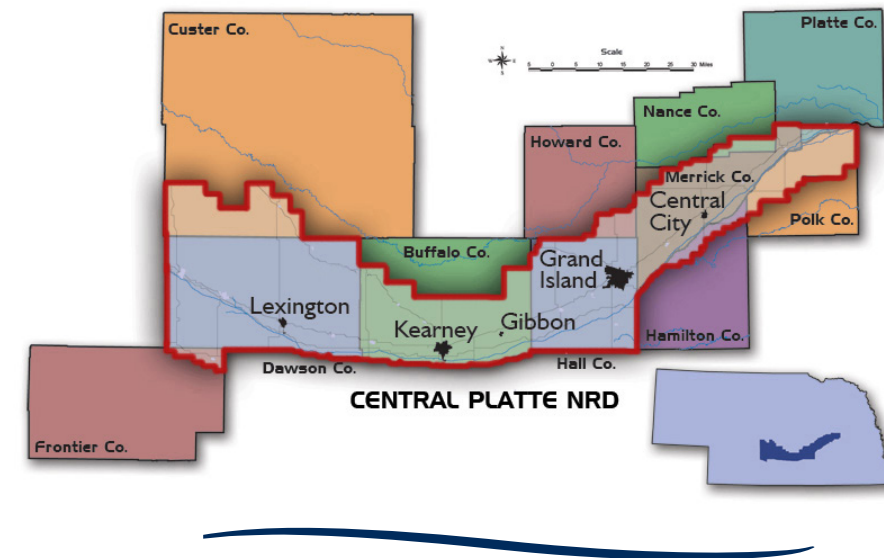
Candidates in General Election

Central Platte NRD is one of 23 natural resources districts (NRDs) in Nebraska. The NRD's were created by the Nebraska Legislature in 1972 to manage water quality, water supply, soil erosion, flood control, drainage, fish and wildlife habitat, recreation and parks, and range lands. Eleven counties have land included in the District. (See map below.)

The CPNRD's board of directors is elected to protect and preserve the large wide scope of natural resources within the district. There are 21 members, each who serve a four-year term. The board consists of one At-Large member and two directors in each of the ten Subdistricts. Directors are elected in alternate election years.

Candidates for Central Platte NRD Board of Directors

- Subdistrict 1 Jay D. Richeson, Gothenburg
- Subdistrict 2 Dwayne Margritz, Lexington
- Subdistrict 3 Marvion Reichert Jr., Elm Creek
- Subdistrict 4 Keith Stafford, Kearney
- Subdistrict 5 Deb VanMatre, Gibbon (2 year term) / Jim Bendfeldt, Kearney (4 year term)
- Subdistrict 6 Michael (Mick) Reynolds, Wood River
- Subdistrict 7 Jerry Wiese, Grand Island
- Subdistrict 8 LeRoy J. Arends, Grand Island
- Subdistrict 9 Doug Reeves, Central City / Beau Bearnes, Central City (to fill seat of Ladd Reeves)
- Subdistrict 10 Barry Obermiller, Grand Island
- At Large Charles J. Bicak, Kearney (incumbent) / Keith Ostermeier, Grand Island (2-year term)



Proposed Platte River Program Extension

The Platte River Recovery Implementation Program (PRRIP) Governance Committee recently proposed a 13-year extension to meet the water goals of the Program. The preliminary cost for the extension are estimated at \$118 million. The water goal is to reduce annual Platte River target flow shortages by an average of 130,000-150,000 acre-feet; with approximately 90,000 acre-feet of reductions achieved so far. A vote on the extension is scheduled for November 2, 2016.

The Platte River Program is a cooperative agreement, created in 1997, to meet water and land habitat needs for whooping cranes, least terns, piping plovers and pallid sturgeon; all species on the federal Endangered Species List. This basinwide effort involves the U.S. Department of Interior and the states of Nebraska, Colorado and Wyoming. Central Platte NRD's staff participate in the land and water committees for the Program.

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Nebraska's NRDs: *Protecting Lives Protecting Property Protecting the Future*

Board of Directors

SUBDISTRICT | DIRECTORS

- | | |
|---|---|
| <p>At-Large Charlie Bicak, Kearney</p> <ol style="list-style-type: none"> 1. Jay Richeson, Gothenburg 2. Dwayne Margritz, Lexington 3. Marvion Reichert, Elm Creek 4. Keith Stafford, Kearney 5. Deb VanMatre, Gibbon 6. Mick Reynolds, Wood River 7. Jerry Wiese, Grand Island 8. LeRoy Arends, Grand Island 9. Ed Kyes, Central City (Chairman) 10. Chuck Maser, Grand Island (Treasurer) | <p>Brian Keiser, Gothenburg</p> <p>Chris Henry, Cozad</p> <p>Steve Sheen, Kearney</p> <p>Bob Schanou, Shelton</p> <p>Jim Bendfeldt, Kearney (Vice-Chair)</p> <p>Jerry Milner, Grand Island</p> <p>Ed Stoltenberg, Cairo</p> <p>Alicia Haussler, Grand Island</p> <p>Ladd Reeves, Archer</p> <p>Barry Obermiller, Grand Island (Secretary)</p> |
|---|---|

Staff

General Manager: Lyndon Vogt
 Assistant Manager: Jesse Mintken
 Data Compliance Officer: Sandy Noecker
 GIS Coordinator: Angela Warner
 Information/Education Specialist: Marcia Lee
 Manager Thirty Mile Irrigation Dist-Jim Harris
 Projects Assistant: Tom Backer
 Resources Conservationist: Shane Max
 Secretary-Central Platte NRD: Deb Jarzynka
 Secretary-NRCS: Samantha Keith, Lexington
 Secretary-NRCS: Shelly Lippincott, Kearney
 Technician Thirty Mile ID-Mike Ostergard
 Water Resources Specialist: Dan Clement

Administrative Director: Dianne Miller
 Biologist: Mark Czaplewski
 Engineering Hydrologist: Duane Woodward
 GIS Image Analyst: Luke Zakrzewski
 Manager-Cozad Ditch: Bill Jacobson
 Programs Coordinator: Kelly Cole
 Range Management Specialist: David Carr
 Resources Conservationist: Tricia Dudley
 Secretary-NRCS: Marcyne Johnson, G.I.
 Secretary-NRCS: Sara Carlson, Central City
 Secretary-Thirty Mile Irri Dist: Marci Ostergard
 UNL/CPNRD Demo Project Coord: Dean Krull

Central Platte NRD 215 Kaufman Ave Grand Island NE 68803 (308) 385-6282 www.cpnrd.org



In Perspective Newsletter

Sign up Now for Second Groundwater Exchange

The pre-approval process is now under way to allow temporary leasing of groundwater through CPNRD's second Groundwater Exchange. Those interested in participating in the Exchange must be pre-approved. The pre-approval process for both buyers and sellers to meet with NRD staff will take place until November 23rd.

During the pre-approval process, staff will verify that all participants are in compliance with the NRD's Rules and Regulations, document whether the participant is acting as a buyer or seller, the location and amount of water use, and whether the buyers want to purchase water for irrigation or for streamflow. The online bid window for those pre-approved will be open from Thursday, December 1 through Friday, December 9. Buyers and sellers will go online to the CPNRD Exchange website with the personal ID that staff has provided to them. Sellers will enter the amount that they would like to receive for their water use, and buyers will enter how much they are willing to pay.

Central Platte NRD and the Nebraska Department of Natural Resources have partnered in the financial cost to develop an algorithm that selects the best matches based on information that each seller and buyer enters- such as the price, location of water, and the depletion to the river. The program then generates a report of all the matched exchanges.

The NRD's Rules and Regulations regarding the transfers of groundwater irrigated acres are built into the computer program. Bids are based on acres, consumptive use, and streamflow depletion to the Platte River. The National Economic Research Associates (NERA) is the consulting firm that developed the computer program, accepts the bids and provides CPNRD with results.

In September, a public hearing was held to expand the Program to include the Loup Basin area of influence to include the entire District and to add definition of terms. The board approved the proposed changes at the September 29th board meeting.

For more information, visit www.market4water.com.



Groundwater Exchange Schedule

Pre-Approval Process with CPNRD Staff	October 3 - November 23
Online Bid Window Open	December 1 - 9
Board Approval	December 22
Landowners Notified of Results	December 23 - December 30

2 & 10 Irrigation Rule Reminder

Certified irrigated acres are subject to decertification if non-use is determined. For 2010-2019 rule, the last two years a landowner must irrigate by are 2018 & 2019. Producers have several options available for maintaining irrigated status on their acres. The simplest is to irrigate all certified irrigated acres a minimum of 2 out of 10 years in every decade, which started January 1, 2010.

Landowners that do not want to physically irrigate, but still want to maintain their right to irrigate may: (1) Enroll land in a federal conservation program (CRP, CREP, etc), (2) Grow alfalfa in the sub-irrigated areas in the district or (3) Sign up for a short-term temporary transfer or a long-term temporary transfer.

Contact Luke Zakrzewski at (308) 385-6282 for more information.

Can Cover Crops Benefit Seed Corn Production?

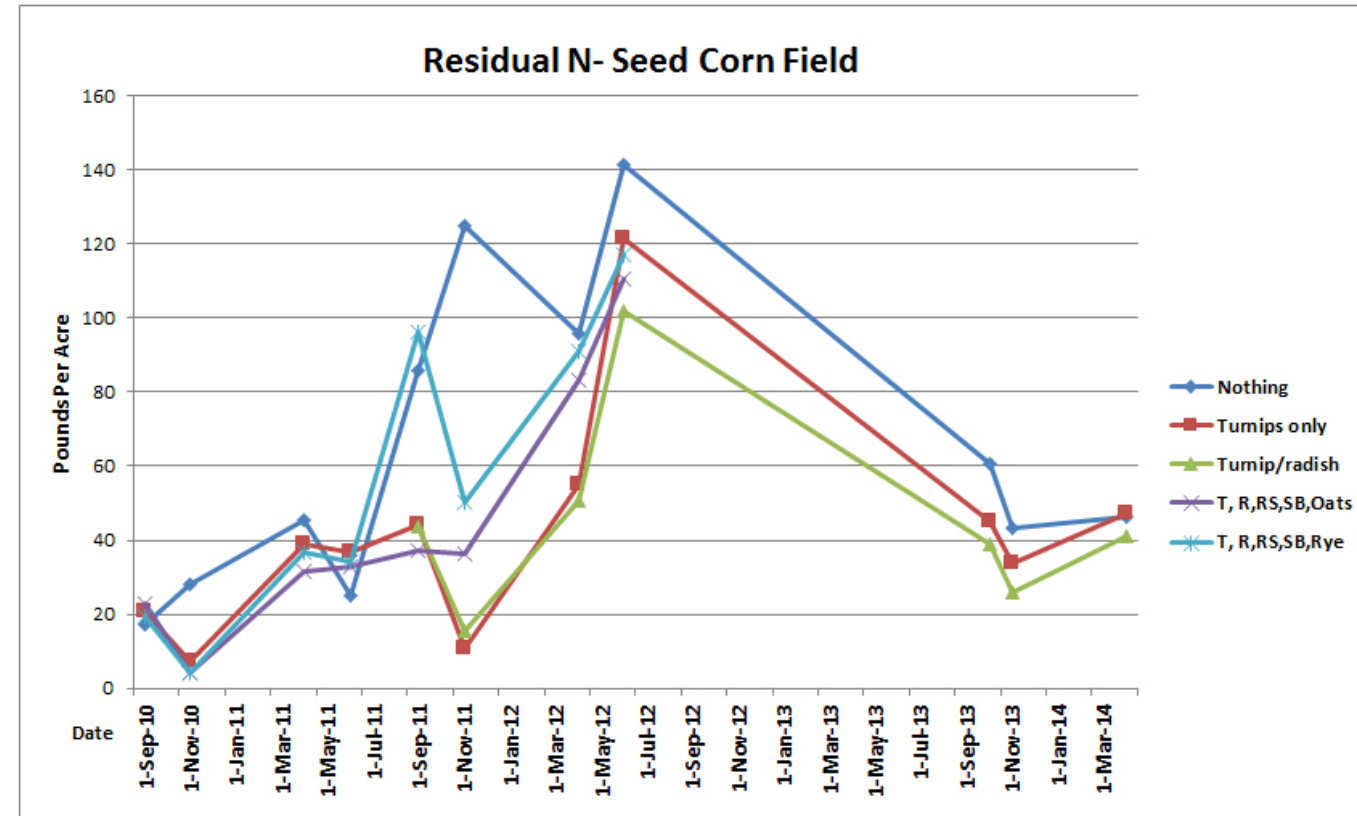
by Dean Krull, UNL Extension/CPNRD Project Demonstration Coordinator

In 2010, we began looking at the effect that cover crops have on residual nitrate-nitrogen in the soil. Targeted areas focused on where seed corn production was prevalent for years. In those areas, nitrate levels have not been reduced since CPNRD implemented the Groundwater Quality Rules & Regulations. The study was conducted over a three-year period. We monitored the effect of introducing cover crop at male destruction by sampling a series of nitrate-nitrogen to a depth of three feet from the time of emergence of the cover crop through the following spring.

When establishing cover crops in seed corn fields, two positive attributes exist. Germination is generally very successful due to the early planting date, which is usually the first week in August. Early planting allows plenty of time for irrigation to take place and sufficient sunlight to penetrate the canopy.



The nitrate-nitrogen values from these samplings can be found in Graph 1 below. Generally, at all of the sampling periods, the areas of the field that did not have cover crop planted was always higher in nitrate-nitrogen. The cover crop scavenged the nitrate-nitrogen in the soil to help manage and reduce the possibility of off-growing season leaching.



Results showed that the introduction of cover crops is a viable alternative to managing nitrate-nitrogen carryover following seed corn production. We've observed an expansion of acres being planted to cover crops in seed corn has dramatically increased in the Central Platte NRD and surrounding Districts. One seed corn company has offered cost share dollars to plant cover crop in their production fields.

Because of the positive results from this study, curiosity set in. Would we see these same results if we try the same scenario in a commercial corn field? In this setting, more challenges existed such as: What method of planting should we use? How would lack of sunlight in the canopy affect results? How much more irrigation would take place due to the timing of the planting?

In the fall of 2013, Central Platte NRD, Lower Loup NRD, NRCS and UNL project personnel co-sponsored an evaluation site in commercial corn located on a producer's field located in the southern part of the Lower Loup NRD. We used aerial seeding as the planting method for all three years of the evaluation.

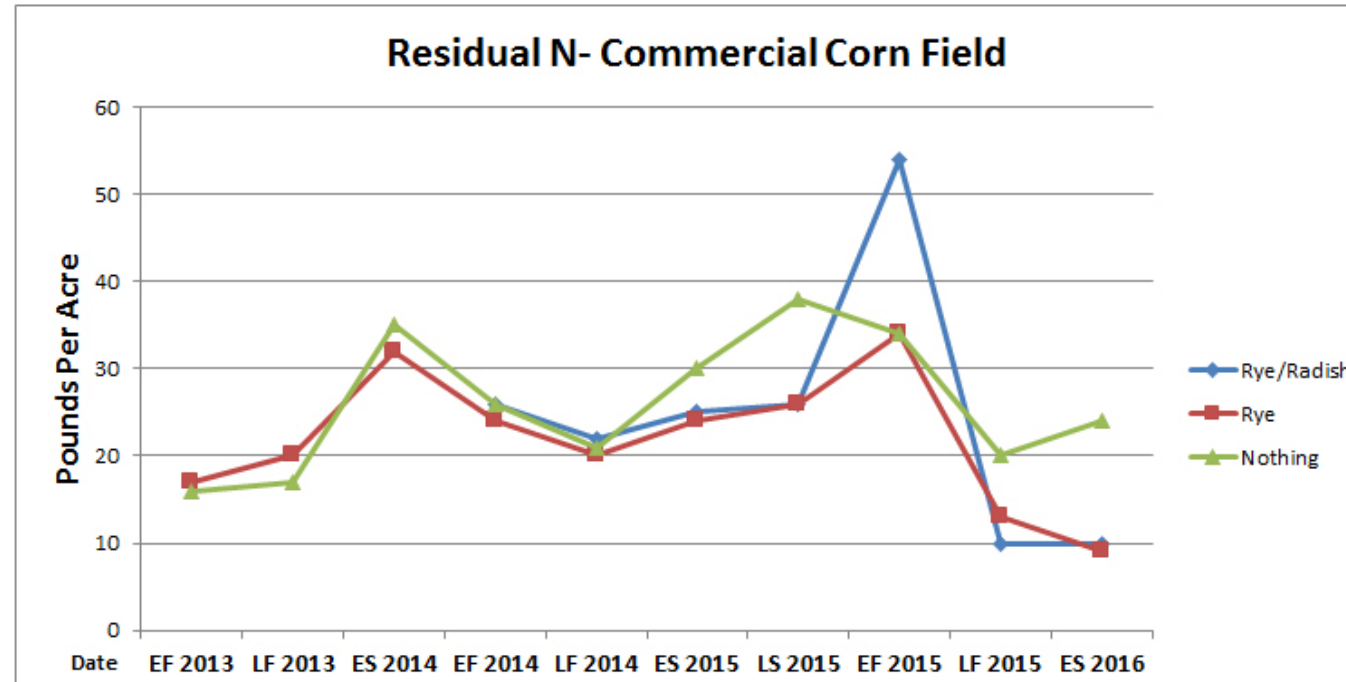
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The first year of the evaluation, only rye was broadcasted. The final two years, radishes were included into the rye mix. Each year, we left a portion of the field without cover crop planted to provide a comparison of with and without cover crop.

Photos to the right illustrate the emergence of the cover crop and its growth.

The same sampling procedures were used on the commercial corn site as the seed corn site- sampling depth to three feet and the sampling timeline very similar.

Below is a graph of the results for the commercial corn:



Abbreviated axis labeling: ES-Early Spring LS-Late Spring EF-Early Fall LF-Late Fall

In summary, establishment of the cover is very different between the two cropping practices. Almost all attempts to establish cover crop in the seed fields are successful, with limited success in the commercial corn scenario, especially under broadcast applications. Even so, if we consider our goal of scavenging nitrogen and holding it up in the off-season, both are successful. Despite one sample outlier in the rye/radish treatment, positive results were found in both the seed corn field and the commercial corn field.

For more information on these results and cover crops, contact Dean Krull at (402) 469-0155 or email: dkrull@unlnotes.unl.edu

CPNRD to Take Tree Orders Starting November 1st

We'll begin taking tree orders for spring planting on November 1st. As an incentive to order early, all orders received before December 31st will receive a 10% discount. To place an order, you may visit the CPNRD office or local NRCS office, or mail the Tree Form on the following page. Be sure to send your check payment with the form.

For more information, visit our website at: www.cpnrd.org or contact Kelly Cole at (308) 385-6282 or email: cole@cpnrd.org.

CPNRD Central Platte NRD
215 Kaufman Avenue
Grand Island NE 68803
(308) 385-6282

TREE ORDER FORM

Date of Order: _____

Please mark one:

HANDPLANT

DISTRICT PLANT

WINDBREAK RENOVATION: Y or N

(Only required to fill out legal on district plant order)

NAME: _____
ADDRESS: _____
CITY, STATE, ZIP: _____
PHONE: _____
EMAIL: _____
COUNTY OF DELIVERY: _____
(Handplants only: Hall, Merrick, Buffalo, Dawson or Polk)

All tree orders are accepted subject to availability.
THERE IS ABSOLUTELY NO SURVIVAL GUARANTEE ON STOCK SOLD BY THE DISTRICT OR PLANTED BY THE DISTRICT.
Must order in multiples of 25, except for the Packages.

CONIFERS (\$0.90 each)	HARDWOODS (\$0.90 each)	SHRUBS (\$0.90 each)	PACKAGES (\$50 each)
Austrian Pine <input type="checkbox"/>	Black Cherry <input type="checkbox"/>	American Plum <input type="checkbox"/>	Wildlife <input type="checkbox"/>
CO Blue Spruce <input type="checkbox"/>	Black Walnut <input type="checkbox"/>	American Hazel <input type="checkbox"/>	Flowering <input type="checkbox"/>
Eastern Red Cedar <input type="checkbox"/>	Bur Oak <input type="checkbox"/>	Amur Maple <input type="checkbox"/>	Eastern <input type="checkbox"/>
Jack Pine <input type="checkbox"/>	Cottonwood <input type="checkbox"/>	Black Chokeberry <input type="checkbox"/>	Western <input type="checkbox"/>
Ponderosa Pine <input type="checkbox"/>	Hackberry <input type="checkbox"/>	Caragana <input type="checkbox"/>	
SW White Pine <input type="checkbox"/>	Honeylocust <input type="checkbox"/>	Chokecherry <input type="checkbox"/>	
Rocky Mtn Juniper <input type="checkbox"/>	Kentucky Coffeetree <input type="checkbox"/>	Common Lilac <input type="checkbox"/>	
Norway Spruce <input type="checkbox"/>	Manchurian Apricot <input type="checkbox"/>	Elderberry <input type="checkbox"/>	
	Midwest Crabapple <input type="checkbox"/>	Golden Currant <input type="checkbox"/>	
	Red Oak <input type="checkbox"/>	Peking Cotoneaster <input type="checkbox"/>	
	Red Maple <input type="checkbox"/>	Red-Osier Dogwood <input type="checkbox"/>	
	Silver Maple <input type="checkbox"/>	Sandcherry <input type="checkbox"/>	
	Swamp White Oak <input type="checkbox"/>	Serviceberry <input type="checkbox"/>	
		Silver Buffaloberry <input type="checkbox"/>	
		Skunkbush Sumac <input type="checkbox"/>	

PAYMENT (please mark one):
Cash _____
Check _____ # _____
Make checks payable to the Central Platte NRD

Total number of trees ordered (# x 0.90) _____
Total number of packages ordered (# x 50) _____
Pre-Total _____
10% Discount if ordered before December 31st 10.00% _____
SUB-TOTAL _____
TAX 7.00% _____
TOTAL DUE TODAY _____

I understand that the above charges are for trees only:

Landowner or Operator _____

Trees Received by: _____
(For Handplants Only)

DATE: _____