

Member Update

Dixon/Solano Water Quality Coalition

November 19, 2019



Membership Update and Stats

- Active/Enrolled Members = 684
- Active/Enrolled Parcels = 1548
 - (867 are high GWV areas or 56% of the parcels)
- Active/Enrolled Acres = 129,603
- 99% of eligible acreage in Solano County is enrolled in the ILRP


Membership Then - 2018 Crop Year

- Farm Reporting for 2018 crop year
 - No farm evaluations were required (Required 2020 crop year)
 - 97% of members completed their NMPSR on time (Few late fees were assessed)
 - Ended the year at 99% complete overall on NMPSR reporting
 - Payments for 2018 crop year
 - 99% of payments were made
- REMINDER: Please make checks out to **Dixon/Solano RCD Water Quality Coalition**
NOT to:
- Solano Water Agency
 - Solano RCD
 - Dixon RCD
 - RCD
 - SID

Membership Then - 2018 Crop Year

- Two memberships were revoked
 - One for non-payment and failure to report
 - One for non-payment
- Education
 - 94% of the members notified us that they attended a qualifying event

Membership Now - 2019 Crop Year

- Still no farm evaluations required (Required 2020 crop year)
- NMPSR required for parcels in high GWV areas
- The last year to use old NMP worksheet 
- Education requirement

NITROGEN MANAGEMENT PLAN WORKSHEET



NMP Management Unit: _____

1. Crop Year (Harvested):	4. APN(s):	5. Field ID(s)	Acres
2. Member ID#			
3. Name:			

CROP NITROGEN MANAGEMENT PLANNING		N APPLICATIONS/CREDITS	15. Recommended/Planned N	16. Actual N
6. Crop		17. NITROGEN FERTILIZERS APPLIED		
7. Production Unit		18. Dry/Liquid N (lbs/ac)		
8. Projected Yield		19. Foliar N (lbs/ac)		
9. N Recommended		20. ORGANIC MATERIAL N		
10. Acres		21. Available N in Manure/Compost (lbs/ac estimate)		
POST PRODUCTION ACTUALS		22. Total N Applied + Available (lbs per ac) (Box 15+19+21)		
11. Actual Yield (Units/ac)		23. NITROGEN CREDITS (EST)		
12. Total N Applied (lbs/ac)		24. * Available N carryover in soil; (annualized lbs/ac)		
13. ** N Removed (lbs/acre)		25. *N in Irrigation water (annualized, lbs/ac)		
14. ***Notes:		26. Total N Credits (lbs per ac) (Box 24+25)		
		27. Total N Applied + Available + Credits (Box 22+26)	Transfer to Box 9	Transfer to Box 12

PLAN CERTIFICATION	
28. CERTIFIED BY:	29. CERTIFICATION METHOD
	30. Low Vulnerability Area, No Certification Needed
	31. Self-Certified, approved training program attended
DATE:	32. Self-Certified, LIC or NRCS site recommendation
	33. Nitrogen Management Plan Specialist

* 24. and 25. Recommended Not Required
** 13. Your Coalition will provide the method to be used to estimate N Removed.
*** 14. Anything that might change what you apply.

 Fill out at the beginning of year with projected N application and projected yield.
 Fill out after final N application and harvest with actuals, keep on farm

3/2018

- Farm Evaluation will be required (to be filled out online)
- New nitrogen worksheet to use for crop year 2020 (Keep on farm)
 - Find that form at: <https://www.dixonrncd.org/forms-checklists>

IRRIGATION AND NITROGEN MANAGEMENT PLAN (INMP) WORKSHEET																								
Member ID: _____ INMP Field or MU: _____		Crop: _____ Total Acres: _____																						
IRRIGATION MANAGEMENT																								
1. Irrigation Method* (check one for Primary; if applicable, check one for Secondary) Primary Secondary <input type="checkbox"/> <input type="checkbox"/> Drip <input type="checkbox"/> <input type="checkbox"/> Micro Sprinkler <input type="checkbox"/> <input type="checkbox"/> Furrow <input type="checkbox"/> <input type="checkbox"/> Sprinkler <input type="checkbox"/> <input type="checkbox"/> Border Strip <input type="checkbox"/> <input type="checkbox"/> Flood		Pre-Season Planning <div style="border: 1px solid black; padding: 2px;"> 2. Crop Evapotranspiration (ET, inches) </div> <div style="border: 1px solid black; padding: 2px;"> 3. Anticipated Crop Irrigation (inches) </div> <div style="border: 1px solid black; padding: 2px;"> 4. Irrigation Water N Concentration (ppm or mg/L, as NO₃-N) </div>																						
5. Irrigation Efficiency Practices* (Check all that apply)																								
<input type="checkbox"/> Laser Leveling <input type="checkbox"/> Use of ET in scheduling irrigations <input type="checkbox"/> Water application schedule to need <input type="checkbox"/> Use of moisture probe (e.g. tensiometer)		<input type="checkbox"/> Soil Moisture Neutron Probe <input type="checkbox"/> Pressure Bomb <input type="checkbox"/> Other: _____																						
HARVEST / YIELD INFORMATION																								
Harvest / Yield Information		Expected (A)	Actual (B)																					
6. Production Unit (lbs, tons, etc.)		7. Harvested Yield*																						
NITROGEN MANAGEMENT																								
8. Nitrogen Efficiency Practices* (Check all that apply) <input type="checkbox"/> Split Fertilizer Applications <input type="checkbox"/> Irrigation Water N Testing <input type="checkbox"/> Soil Testing <input type="checkbox"/> Tissue/Petiole Testing <input type="checkbox"/> Fertiligation <input type="checkbox"/> Foliar N Application <input type="checkbox"/> Cover Crops <input type="checkbox"/> Variable Rate Applications using GPS Other: _____ Other: _____		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Nitrogen Sources</th> <th style="text-align: center;">Recommended/ Planned N (A)</th> <th style="text-align: center;">Actual N (B)</th> </tr> </thead> <tbody> <tr> <td> 9. Soil – Available N in Root Zone (Annualized, lbs/ac) </td> <td></td> <td></td> </tr> <tr> <td> 10. N in Irrigation Water* (Annualized, lbs/ac) </td> <td></td> <td></td> </tr> <tr> <td> 11. Organic Amendments* (Manure/Compost/Other, lbs/ac estimate) </td> <td></td> <td></td> </tr> <tr> <td> 12. Dry/Liquid Fertilizer N* (lbs/ac) </td> <td></td> <td></td> </tr> <tr> <td> 13. Foliar Fertilizer N* (lbs/ac) </td> <td></td> <td></td> </tr> <tr> <td> 14. TOTAL NITROGEN (lbs/ac) </td> <td></td> <td></td> </tr> </tbody> </table>		Nitrogen Sources	Recommended/ Planned N (A)	Actual N (B)	9. Soil – Available N in Root Zone (Annualized, lbs/ac)			10. N in Irrigation Water* (Annualized, lbs/ac)			11. Organic Amendments* (Manure/Compost/Other, lbs/ac estimate)			12. Dry/Liquid Fertilizer N* (lbs/ac)			13. Foliar Fertilizer N* (lbs/ac)			14. TOTAL NITROGEN (lbs/ac)		
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* A secondary irrigation system could be used for crop germination, frost protection, crop cooling, etc.
 * [Bold Text] Data to be reported to the Coalition on the INMP Summary Report, based on Actual Yield and Actual N.

Plan Outfitter Initials

IRRIGATION AND NITROGEN MANAGEMENT PLAN (INMP) WORKSHEET

INMP CERTIFICATION

The person signing this Irrigation and Nitrogen Management Plan (INMP) certifies, under penalty of law, that the INMP was prepared under his/her direction and supervision, that the information and data reported is to the best of his/her knowledge and belief, true, accurate, and complete, and that he/she is aware that there are penalties for knowingly submitting false information. Where the person signing the INMP is not the Member, he/she may rely on the information and data provided by the Member and is not required to independently verify the information and data.

The person signing the INMP below further certifies that he/she used sound irrigation and nitrogen management planning practices to develop irrigation and nitrogen application recommendations and that the recommendations are informed by applicable training for meeting the crop's agronomic needs while minimizing nitrogen loss to surface water and groundwater. Where the person signing the INMP is not the Member, he/she is not responsible for any damages, loss, or liability arising from subsequent implementation of the INMP by the Member in a manner that is inconsistent with the INMP's recommendations for nitrogen application. This certification does not create any liability for claims for environmental violations.

Certification:

- ☐ Certified INMP Specialist (e.g. Certified Crop Adviser who has completed the CDEA training program)
- ☐ Self-Certified by Member who has completed the CDEA training program
- ☐ Self-Certified by Member who follows NRCS or UC site-specific recommendations (documentation required)
- ☐ I do not apply nitrogen

I, _____, certify this INMP in accordance with the statement above.

_____(Signature) _____(Date)

If the certifier is not the Member, the Member additionally agrees as follows:

I, _____, Member, have provided information and data to the certifier above that is, to the best of my knowledge and belief, true, accurate, and complete, that I understand that the certifier may rely on the information and data provided by me and is not required to independently verify the information and data, and that I further understand that the certifier is not responsible for any damages, loss, or liability arising from subsequent implementation of the INMP by me in a manner that is inconsistent with the INMP's recommendations for nitrogen application. I further understand that the certification does not create any liability for claims for environmental violations.

_____(Signature) _____(Date)

Coalition Staff Reminders

- Two staff members to assist 684 Coalition members.
- We work part-time hours.
- We are off on most Fridays.
- You must make an appointment for office visits.

DMT Updates

- Visit: www.dixonrcd.org/irrigated-lands

- Click on:



Dixon/Solano Subwatershed Program

Sign in to use the Data Management Tool

Enter Username



Enter Password



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[Forgot password?](#)

Sign In

Questions?

