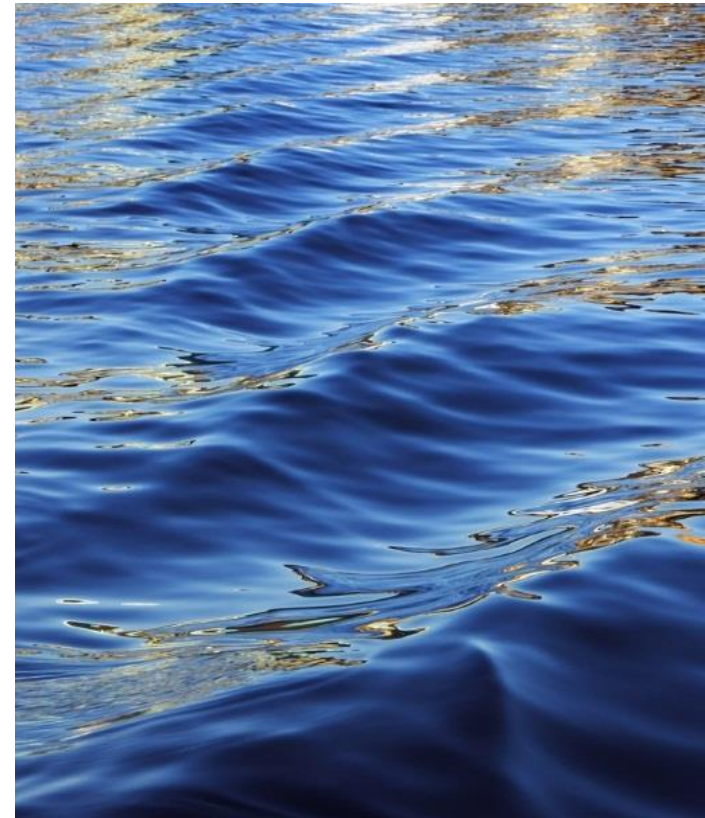


# Irrigated Lands Regulatory Program

Dixon/Solano RCD  
Water Quality Coalition

Farm Reporting  
2014-2022  
What Should Be in My Files?



# 2014 Farm Reporting

Farm  
Evaluation  
Survey



**Part A – Whole Farm Evaluation**

Member Name: \_\_\_\_\_ Coalition Member ID#: \_\_\_\_\_

**1. Pesticide Application Practices (check all that apply)**

<input type="checkbox"/> County Permit Followed	<input type="checkbox"/> Monitor Wind Conditions
<input type="checkbox"/> Follow Label Restrictions	<input type="checkbox"/> Use Appropriate Buffer Zones
<input type="checkbox"/> Sensitive Areas Mapped	<input type="checkbox"/> Use Vegetated Drain Ditches
<input type="checkbox"/> Attend Trainings	<input type="checkbox"/> Monitor Rain Forecasts
<input type="checkbox"/> End of Row Shutoff When Spraying	<input type="checkbox"/> Use PCA Recommendations
<input type="checkbox"/> Avoid Surface Water When Spraying	<input type="checkbox"/> Chemigation
<input type="checkbox"/> Reapply Rinsate to Treated Field	<input type="checkbox"/> No Pesticides Applied
<input type="checkbox"/> Target Sensing Sprayer used	<input type="checkbox"/> Other _____
<input type="checkbox"/> Use Drift Control Agents	<input type="checkbox"/> Other _____

**2. Who do you have help develop your crop nutrient application plan? (Check all that apply)**

<input type="checkbox"/> Certified Crop Advisor (CCA)	<input type="checkbox"/> Independently Prepared by Member
<input type="checkbox"/> Pest Control Advisor (PCA)	<input type="checkbox"/> UC Farm Advisor
<input type="checkbox"/> Certified Technical Service Providers by NRCS	<input type="checkbox"/> None of the above
<input type="checkbox"/> Professional Soil Scientist	
<input type="checkbox"/> Professional Agronomist	

**3. Does your farm have the potential to discharge sediment to off-farm surface waters?**  
(Circle one) Yes No

**4. Complete Part D on sediment and erosion control practices used on farm field(s).**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel or representatives properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information and for the possibility of fine and imprisonment for violation.

Signature \_\_\_\_\_ Print Name \_\_\_\_\_ Date \_\_\_\_\_

Green **X** = The only paperwork to submit to the Dixon/Solano RCD Water Quality Coalition

# 2015 Farm Reporting

Farm Evaluation Survey



Coalition Member ID#: \_\_\_\_\_

### 2015 Farm Evaluation

Please return all pages of the Farm Evaluation and keep copies for your records. Parcels and Fields as provided on your 2014 farm evaluation survey are listed and grouped by like responses. If there are no changes please check the box next to each question indicating "No Change". Responses for each group of parcels are listed. Refer to parcel groups below to reference parcel, county field ID, acreage and crop associated with each group. If parcels, crops or acreage change please make updates as needed. If you would prefer to use the original Farm Evaluation Format, copies can be downloaded from our website: [www.dixonrcd.org](http://www.dixonrcd.org).

*If you would like to make changes to your membership information, please contact Martha at (707) 678-1655 X.103 so we can make sure to update your enrollment promptly.*

APN	County	Field ID	Irrigated		Groundwater
			Acre	Crop	
<b>Parcel Group 1</b>					
0110060220	Solano	C9	56	Alfalfa	High
0110060220	Solano	D11	5	Tomatoes	High
0110060230	Solano	C7	67	Tomatoes	High
0110060240	Solano	C5	10	Corn	Low
<b>Parcel Group 2</b>					
0110060240	Solano		30	Fallow	Low

**X**

### NITROGEN MANAGEMENT PLAN WORKSHEET

NMP Management Unit: \_\_\_\_\_

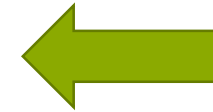
1. Crop Year (Preseason)	4. APN(s)	5. Field ID(s)	Acre(s)
2. Member ID#			
3. Name			

CROP NITROGEN MANAGEMENT PLANNING	N APPLICATIONS/CREDITS	23. Recommended Planned N	18. Actual N
6. Crop	17. NITROGEN FERTILIZERS APPLIED		
7. Production Unit	18. Dry/Liquid N (lbs/ac)		
8. Projected Yield	19. Filler N (lbs/ac)		
9. N Recommended	20. ORGANIC MATERIAL N		
10. Acres	21. Available N in Manure/Compost (lbs/ac est.)		
11. Actual Yield (lbs/ac)	22. Total N Applied + Available (lbs/ac est.)		
12. Total N Applied (lbs/ac)	23. NITROGEN CREDITS (EST)		
13. ** N Recommended (lbs/ac)	24. * Available N in/over in soil (annualized lbs/ac)		
14. ** Acres	25. ** N in irrigation water (annualized lbs/ac)		
	26. Total N Creditable (lbs/ac est.)		
	27. Total N Applied + Available + Credits (lbs/ac est.)		

28. CERTIFIED BY:	29. CERTIFICATION METHOD
	30. Low Vulnerability Area, for Certification Method
	31. Self-Certified, approved testing program attached
	32. Self-Certified, 1/3 or more N application
	33. Nitrogen Management Plan Specialist

\* 28 and 29. Recommended Not Required  
 \*\* Your Condition will provide the method to be used to estimate N Recommended.  
 \*\*\* 14. Anything that might change what you report.

28 use at the beginning of year with proposed N application and projected yield.  
 29 use after first N application compared with actual, keep on hand.



NMP – Nitrogen Management Plan Worksheet – Must be certified if parcel is in a high groundwater vulnerability area

# 2016 Farm Reporting

Farm Evaluation Survey



Coalition Member ID#: \_\_\_\_\_  
Secondary ID: \_\_\_\_\_

### 2016 Farm Evaluation

Please return all pages of the Farm Evaluation and keep copies for your records. Parcels and Fields as provided on your 2015 farm evaluation survey are listed and grouped by like responses. If there are no changes please check the box next to each question indicating "No Change". Responses for each group of parcels are listed. Refer to parcel groups below to reference parcel, county, field ID, acreage and crop associated with each group. If parcels, crops or acreage change please make updates as needed. If you would prefer to use the original Farm Evaluation Format, copies can be downloaded from our website: [www.dixonrcd.org/irrigated-lands-program/forms](http://www.dixonrcd.org/irrigated-lands-program/forms)

*If you would like to make changes to your membership information, please contact Martha at (707) 678-1655 X103 so we can make sure to update your enrollment promptly.*

APN	County	Field ID	Irrigated Acres	Crop	Groundwater	Sediment Plan
<b>Parcel Group: 1</b>						
0110060220	Solano	D11	5	Safflower	Vulnerability High	Required* X
<b>Parcel Group: 2</b>						
0110060240	Solano		0	Fallow	Low	X
<b>Parcel Group: 3</b>						
0110060230	Solano	C7	67	Sunflowers	High	X
0110060240	Solano	C5	10	Tomato, processing	Low	X
<b>Parcel Group: 4</b>						
0110060220	Solano	C9	56	Alfalfa	Vulnerability High	Required* X



### NITROGEN MANAGEMENT PLAN WORKSHEET

NMP Management Unit: \_\_\_\_\_

1. Crop Year processed: \_\_\_\_\_ 4. APN(s): \_\_\_\_\_ 5. Field ID(s): \_\_\_\_\_ Acres: \_\_\_\_\_

2. Member ID: \_\_\_\_\_

3. Name: \_\_\_\_\_

CROP NITROGEN MANAGEMENT PLANNING	N APPLICATIONS/CREDITS	% Recommended Planned N	% Actual N
6. Crop	17. NITROGEN FERTILIZERS APPLIED		
7. Production Unit	18. Dry/Liquid N (lbs/acre)		
8. Projected Yield	19. Fallow N (lbs/acre)		
9. N Recommended	20. ORGANIC MATERIAL N		
10. Acres	21. Available N in Manure/Compost (lbs/acre)		
POST PRODUCTION ACTUALS			
11. Actual Yield (lb/acre)	22. Total N Applied + Available (lb/acre)		
12. Total N Applied (lb/acre)	23. NITROGEN CREDITS (lb/acre)		
13. % Recommended	24. * Available N carryover to soil (lb/acre)		
14. **Notes	25. % in Irrigation water (lb/acre)		
	26. Total N Credits (lb/acre)		
	27. Total N Applied + Available + Credits (lb/acre)		

**PLAN CERTIFICATION**

28. CERTIFIED BY: \_\_\_\_\_ 29. CERTIFICATION METHOD: \_\_\_\_\_

30. Low Vulnerability Area for Certification Required

31. Soil/Culture Approved Irrigation Program Installed

32. Soil/Culture UC or NPSD (see instructions)

33. Nitrogen Management Plan Available

\* 28 and 29. Recommended but Required  
 \*\* Your Condition will provide for method to be used to estimate N Recommended  
 \*\*\* Anything that might change what you apply

Legend:  
 Yellow: All out at the beginning of year with planned N application and production unit  
 Pink: All out after the N application and production unit with actual yield in lb/acre



NMP – Nitrogen Management Plan Worksheet – Must be certified if parcel is in a high groundwater vulnerability area

NMPSR – Nitrogen Management Plan Summary Report – Only if parcel is in a high groundwater vulnerability area



**MANDATORY FARM REPORTING AS REQUIRED BY IRRIGATED LANDS REGULATORY PROGRAM (Order No. RS-2014-0300)**

**MUST BE RETURNED BY 2/15/2017**

DIXON-SOLANO RCD WATER QUALITY COALITION  
 1170 N. Lincoln Street, Suite 110, Dixon, CA 95620  
 Phone (707) 678-1655 X102 OR X103  
 kelly-bauff@dixonrcd.org, martha-mckee@dixonrcd.org

NITROGEN MANAGEMENT PLAN SUMMARY REPORT for: Member Name \_\_\_\_\_ ID# \_\_\_\_\_

The parcels and fields listed below are designated as being in a "high vulnerability area" for groundwater quality and the following information from your 2016 nitrogen management plan is required to be submitted. This table includes information from your 2015 Farm Evaluation. Please update with information from your 2016 Nitrogen Management Plan Worksheet. Please choose from the enclosed "Specific Crop Production Unit List" to enter \*\* 2016 crops and production units. For permanent crops enter the year planted in the notes. If your crop is not listed, we will add it in future years. Please contact us if you would like an Excel spreadsheet version of this form or if you have questions.

ENROLLED PARCEL	FIELD ID	IRRIGATED ACRES	2015 CROP	**2016 CROP	NMP Box 22 (lb/acre) TOTAL AVAILABLE N	NMP Box 25 (lb/acre) N IN WATER	NMP Box 11 (lb/acre) ACTUAL YIELD (GROSS)	NMP Box 7 PRODUCTION UNIT**	NOTES

Print Name \_\_\_\_\_  
 Sign/Date \_\_\_\_\_



# 2017 Farm Reporting

Farm Evaluation Survey



Coalition Member ID#: \_\_\_\_\_  
Secondary ID: \_\_\_\_\_

### 2016 Farm Evaluation

Please return all pages of the Farm Evaluation and keep copies for your records. Parcels and Fields as provided on your 2016 farm evaluation survey are listed and grouped by like responses. If there are no changes please check the box next to each question indicating "No Change". Responses for each group of parcels are listed. Refer to parcel groups below to reference parcel, county, field ID, acreage and crop associated with each group. If parcels, crops or acreage change please make updates as needed. If you would prefer to use the original Farm Evaluation Format, copies can be downloaded from our website: [www.dixonrcd.org/irrigated-lands-program/forms](http://www.dixonrcd.org/irrigated-lands-program/forms)

*If you would like to make changes to your membership information, please contact Martha at (707) 678-1655 X103 so we can make sure to update your enrollment promptly.*

APN	County	Field ID	Irrigated Acres	Crop	Groundwater	Sediment Plan
<b>Parcel Group: 1</b>						
0110060220	Solano	D11	5	Safflower	Vulnerability High	Required* X
<b>Parcel Group: 2</b>						
0110060240	Solano		0	Fallow	Vulnerability Low	Required* X
<b>Parcel Group: 3</b>						
0110060230	Solano	C7	67	Sunflowers	Vulnerability High	Required* X
0110060240	Solano	C5	10	Tomato, processing	Vulnerability Low	Required* X
<b>Parcel Group: 4</b>						
0110060220	Solano	C9	56	Alfalfa	Vulnerability High	Required* X



NMPSR – Nitrogen Management Plan Summary Report – Only if parcel is in a high groundwater vulnerability area



**MANDATORY FARM REPORTING AS REQUIRED BY IRRIGATED LANDS REGULATORY PROGRAM (Order No. RS-3014-0300) MUST BE RETURNED BY 2/15/2017**

DIXON/SOLANO RCD WATER QUALITY COALITION  
1170 N. Lincoln Street, Suite 110, Dixon, CA 95620  
Phone (707) 678-1655 X 103 OR X 103  
kelly.buff@dixonrcd.org; martha-mckeen@dixonrcd.org

NITROGEN MANAGEMENT PLAN SUMMARY REPORT for: Member Name \_\_\_\_\_ ID# \_\_\_\_\_

The parcels and fields listed below are designated as being in a "high vulnerability area" for groundwater quality and the following information from your 2016 nitrogen management plan is required to be submitted. This table includes information from your 2015 Farm Evaluation. Please update with information from your 2016 Nitrogen Management Plan Worksheet. Please choose from the enclosed "Specific Crop Production Unit List" to enter \*\*2016 crops and production units. For permanent crops enter the year planted in the notes. If your crop is not listed, we will add it in a future year. Please contact us if you would like an Excel spreadsheet version of this form or if you have questions.

ENROLLED PARCEL	FIELD ID	IRRIGATED ACRES	2015 CROP	**2016 CROP	NMP Box 22 (lb/acre) TOTAL AVAILABLE N	NMP Box 25 (lb/acre) N IN WATER	NMP Box 11 (mt/acre) ACTUAL YIELD (GROSS)	NMP Box 7 PRODUCTION UNIT**	NOTES

Print Name \_\_\_\_\_  
Sign/Date \_\_\_\_\_



### NITROGEN MANAGEMENT PLAN WORKSHEET

NMP Management Unit: \_\_\_\_\_

1. Crop Year (planted): \_\_\_\_\_ 4. APNIC: \_\_\_\_\_ 5. Field ID(s): \_\_\_\_\_ Acres: \_\_\_\_\_

2. Member ID# \_\_\_\_\_

3. Name: \_\_\_\_\_

CROP NITROGEN MANAGEMENT PLANNING	N APPLICATIONS/CREDITS	13. Recommended Planned N	14. Actual N
6. Crop	17. NITROGEN FERTILIZERS APPLIED		
7. Production Unit	18. Dry/Liquid N (lbs/ac)		
8. Projected Yield	19. Filler N (lbs/ac)		
9. N Recommended	20. ORGANIC MATERIAL N		
10. Acres	21. Available N in Manure/Compost (lbs/ac/yr)		
11. Actual Yield (lbs/ac)	22. Total N Applied + Available (lb/ac/yr)		
12. Total N Applied (lb/ac)	23. NITROGEN CREDITS (lb/ac)		
13. N Recommended (lb/ac)	24. * Available N (lb/acre) in soil (lb/acre)		
14. **N Applied (lb/ac)	25. **N in irrigation water (lb/acre)		
15. **N Applied (lb/ac)	26. Total N Credits (lb/ac/yr)		
16. **N Applied (lb/ac)	27. Total N Applied + Available + Credits (lb/ac/yr)		

**PLAN CERTIFICATION**

28. CERTIFIED BY: \_\_\_\_\_ 29. CERTIFICATION METHOD: \_\_\_\_\_

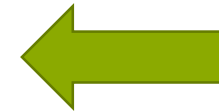
30. Use Vulnerability Area for Certification Needed: \_\_\_\_\_

31. Self-Certified approved testing program selected: \_\_\_\_\_

32. Self-Certified, VC, or NMP-USE Determination: \_\_\_\_\_

33. Nitrogen Management Plan Selected: \_\_\_\_\_

\* 28 and 29. Recommended Not Required  
\*\* 13. Year Condition and provide the method to be used to estimate N Recommended  
\*\*\* 14. Anything that might change what you want



NMP – Nitrogen Management Plan Worksheet – Must be certified if parcel is in a high groundwater vulnerability area

### Sediment and Erosion Control Plan (SECP) Template

Member Name: \_\_\_\_\_

1. General Information:  
Provide the required information where indicated.

Parcel (APN)	Field ID(s)

General Information Comments:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Name of Person Completing the Template: \_\_\_\_\_

SECP – Sediment and Erosion Control Plan



- One and done
- RUSLE determination of having 5 tons/acre/year erosion potential
  - Answering "YES" to the following question in Farm Evaluation: Whole Farm  
*"Does your farm have the potential to discharge sediment to off-farm surface waters?"*
  - Proximity to a waterbody

# Farm Reporting Exemptions

NMP – Nitrogen Management Plan Worksheet – If you do not apply nitrogen, the NMP is not required.

NMPSR – Nitrogen Management Plan Summary Report – If your parcel is irrigated pasture and you do not apply Nitrogen, a NMPSR is not required

SECP – Sediment and Erosion Control Plan – If your parcel is:

- Topographically Isolated
  - Riparian Vegetation
  - Wetland
  - Not Irrigated
- SECP is not required

NOTE: Keep copy for your records and notify the Coalition of your exemptions.

No Farm Evaluation Survey required

# 2018 Farm Reporting

NMP – Nitrogen Management Plan Worksheet – Must be certified if parcel is in a high groundwater vulnerability area

**NITROGEN MANAGEMENT PLAN WORKSHEET**

**CROP NITROGEN MANAGEMENT PLANNING**

**POST PRODUCTION ACTUALS**

**PLAN CERTIFICATION**

**Sediment and Erosion Control Plan (SECP) Template**

**1. General Information:**

General Information Comments:

Name of Person Completing the Template:

One and Done!

You only need to do this again if...  
New Parcel? New member?  
Change in Operation?

SECP – Sediment and Erosion Control Plan

NMPSR – Nitrogen Management Plan Summary Report – Only if parcel is in a high groundwater vulnerability area

**MANDATORY FARM REPORTING AS REQUIRED BY IRRIGATED LANDS REGULATORY PROGRAM**

**NITROGEN MANAGEMENT PLAN SUMMARY REPORT**

ENROLLED PARCEL	FIELD ID	IRRIGATED ACRES	2015 CROP	**2016 CROP	NMP Box 22 (lb/acre) AVAILABLE	NMP Box 25 (lb/acre) N IN WATER	NMP Box 11 (lb/acre) ACTUAL YIELD (GROSS)	NMP Box 7 PRODUCTION UNIT**	NOTES

Print Name \_\_\_\_\_  
Sign/Date \_\_\_\_\_

# The beginning of the online DMT Data Management Tool

# 2019 Farm Reporting

NMPSR – Nitrogen Management Plan Summary Report – Only if parcel is in a high groundwater vulnerability area

MEMBER DATA FARM EVALUATION NMP MAPS & REPORTS

1 Account 2 Account Contacts 3 Parcels 4 Cropping

PREVIOUS 4: Review and Update Fields Associated with Parcels in the Current Account NEXT

- Select, Edit and review Field details.
- To get started, click on a data item you would like to modify.
- Note: Once you have finished making modifications to this table then please click the "Save" button.

Add	Del	County	APN	Total Parcel Acres	Field Id	Primary Crop	Year Crop Planted	Irrigated Acres
+	x	Solano			TOMATO PROCESSING		None	77.27
+	x	Solano			WALNUT		None	56.00
+	x	Solano			WALNUT		None	98.00
+	x	Solano			FALLOW		None	80.00
+	x	Solano			ALMOND		None	70.00
+	x	Solano			WALNUT		None	38.70
+	x	Solano			WALNUT		None	38.60
+	x	Solano			ALMOND		None	72.30
+	x	Solano			ALMOND		None	33.34
+	x	Solano			WALNUT		None	38.70
+	x	Solano			WALNUT		None	38.60

MEMBER DATA FARM EVALUATION NMP MAPS & REPORTS

1 Part A: Fields 2 Part B: Wells 3 Part C: Sediment / Erosion 4 Part D: Whole Farm

PREVIOUS Part A - Management Unit Update and Field Specific Evaluation NEXT

### 1.1: Update Current Year Management Units

- Select and edit Management Unit details.
- To get started, click on a Management Unit you would like to modify, in the table of fields below.
- Then, click the Management Unit button to enter data about that Management Unit.
- Once finished, click the 'Modifications Completed' button below.

Note: A Management Unit is a group of Parcel(s)/Field(s) with the same responses for the following: Crop Type, Irrigation Type and Nitrogen Management.

County	APN	Total Parcel Acres	Field Id	Primary Crop	Year Crop Planted	Winter Crop	2017 Management Unit	2018 Management Unit	Part A Completed
Solano				FALLOW	None	None	0	0	Not Completed
Solano				ALMOND	None	None	1	1	Not Completed
Solano				ALMOND	None	None	2	2	Not Completed
Solano				ALMOND	None	None	3	3	Not Completed

No Farm Evaluation Survey required

### NMP Summary Reporting

- Enter NMP reporting data for the selected management units here.
- The data items that can be modified are represented in blue.
- If reporting yield for pasture, please use the "Irrigated Pasture Nitrogen Management & Planning" calculator located at <http://rangelands.ucdavis.edu/ipnmp/>.
- Applied Fertilizer N (lb/ac), Yield/acre and Yield Unit are required. Once complete, the NMP Completed column will be identified with 'Completed.'
- Yield Basis for Nut Crops & Prunes Only will default to the following if not completed: almonds - kernel wt, walnuts - in-shell wt, prunes - dried fruit.
- Click the 'Next' button to advance to the next step in the process.
- Note: When clicking on 'NMP Completed,' an error message will appear if the required information is not complete for all management units identified.

PRIMARY CROP												(Optional)	
Type	Year Planted	Year Crop Planted	Applied Fertilizer N (lb/ac)	Yield/acre	Yield Unit	Yield Basis for Nut Crops & Prunes Only	If Zero Yield, Add Note	Available N in Manure/Compost (lb/ac/yr)	Available N carryover in Soil (lb/ac)	N in Irrigation Water(lb/ac/yr)	Type	Appl Fert N (lb	
1	ALFALFA	None	None	None	None	None	None	None	None	None	None		
2	SAFFLOWER	None	None	None	None	None	None	None	None	None	None		

Note: Click the 'NMP Completed' button once you have completed data entry for all of the NMP management units.

NMP COMPLETED



# 2019 Farm Reporting

## SECP – Sediment and Erosion Control Plan

### 2019 ILRP REPORT - ON FARM COPY

Owner ID: \_\_\_\_\_ Reporter ID: \_\_\_\_\_  
 Owner Name: \_\_\_\_\_ Reporter Name: \_\_\_\_\_

#### COMPLETION STATUS

Overall	Field	Erosion	Training	NMP
Completed	Completed	Completed	Completed	Completed

Farm Evaluation Completion Date: N/A  
 NMP Completion Date: 2020-01-29

#### PARCEL DATA

County	TRS	APN	N Vulnerability	Erosion Vulnerability	Total Acres
Solano	T08N-R1E-S26		HIGH	No	9.92
Solano	T08N-R1E-S26		HIGH	No	9.92
Solano	T08N-R1E-S26		HIGH	No	19.82

#### FIELD UPDATED

I have reviewed and updated my crops and irrigated acres.

#### EROSION CONTROL

### NMP SUMMARY REPORT - ON FARM COPY

#### HIGH VULNERABILITY FIELDS AND MANAGEMENT UNITS

County	APN	Field	Field Acres	Primary Crop	Year Planted	Winter Crop	Management Unit
Solano		N/A	9.92	ALMOND	2000 or older	N/A	1
Solano		N/A	9.92	ALMOND	2000 or older	N/A	1
Solano		N/A	19.82	ALMOND	2000 or older	N/A	1

I have read and understand the requirements explained above.

#### TRAINING

–Please acknowledge which of the following education or outreach events you have participated in over the last twelve months:

Other: Office Hours

#### NMP DATA

Management Unit	1
Primary Crop	ALMOND
Year Planted	2000 or older
Applied Fertilizer N (lb/acre)	73.80
Yield/Acre	1484.58
Yield Unit	LBS
Yield Basis for Nut Crops & Prunes Only	Kernel/Me at
If Zero Yield, Add Note	N/A
Available N in Manure/Compost (lb/ac/yr)	N/A
Available N Carryover in Soil (lb/ac)	N/A
N in Irrigation Water (lb/ac/yr)	53.90
Note	N/A

NMP – Nitrogen Management Plan Worksheet – Must be certified if parcel is in a high groundwater vulnerability area

Printed Report from the DMT- Crop Year 2019

Sediment and Erosion Control Plan (SECP) Template

Member Name: \_\_\_\_\_

1. General Information:  
 Provide the required information where indicated.

Parcel (APN) \_\_\_\_\_ Field ID(s) \_\_\_\_\_

You only need to do this again if...  
 New Parcel? New member? Change in Operation?

Name of Person Completing the Template: \_\_\_\_\_

NITROGEN MANAGEMENT PLAN WORKSHEET

Member Name: \_\_\_\_\_

1. Crop Year (recommended) \_\_\_\_\_ 4. APN(s) \_\_\_\_\_ 5. Field ID(s) \_\_\_\_\_ Acres \_\_\_\_\_

2. Member ID \_\_\_\_\_

3. Name \_\_\_\_\_

6. Crop \_\_\_\_\_ 7. Production Unit \_\_\_\_\_ 8. Projected Yield \_\_\_\_\_ 9. Recommended \_\_\_\_\_

10. N Recommended \_\_\_\_\_ 11. Available N in Manure/Compost (lb/ac/yr) \_\_\_\_\_ 12. Available N Carryover in Soil (lb/ac) \_\_\_\_\_ 13. N in Irrigation Water (lb/ac/yr) \_\_\_\_\_

14. \_\_\_\_\_ 15. \_\_\_\_\_ 16. \_\_\_\_\_ 17. NITROGEN FERTILIZERS APPLIED \_\_\_\_\_ 18. Actual \_\_\_\_\_

19. Total N Applied \_\_\_\_\_ 20. Total N Available \_\_\_\_\_ 21. Total N Applied + Available + Credits \_\_\_\_\_ 22. Total N Available + Available + Credits \_\_\_\_\_ 23. NITROGEN CREDITS (lb/ac) \_\_\_\_\_ 24. Available N Carryover in Soil (lb/ac) \_\_\_\_\_ 25. N in Irrigation Water (lb/ac/yr) \_\_\_\_\_ 26. Total N Credits \_\_\_\_\_ 27. Total N Applied + Available + Credits \_\_\_\_\_ 28. Certified By \_\_\_\_\_ 29. Certification Method \_\_\_\_\_

30. Manager Name \_\_\_\_\_

31. Date \_\_\_\_\_

# Online DMT Data Management Tool

# 2020 Farm Reporting

Account  
Account Contacts  
Parcels  
Cropping

INMP SUMMARY REPORT

INMP Management Units  
INMP Reporting  
INMP Certification  
Outreach and Training

SECP PLAN

SECP Plan

FARM EVALUATION

Irrigation Wells  
Sediment/Erosion Practices

MEMBER DATA | INMP SUMMARY REPORT | SECP PLAN | **FARM EVALUATION** | MAPS AND REPORTS | INMP WORKSHEET

1 Irrigation Wells | 2 Sediment/Erosion Practices | 3 Whole Farm

PREVIOUS

Whole Farm Evaluation

- Answer the whole farm evaluation questions.
- Note: The answers will not be saved if you advance to the next page without clicking 'Save'.

Pesticide Practices (Check all that apply)  
2020

- No Pesticides Applied
- County Permit Followed
- Follow Label Restrictions
- Sensitive Areas Mapped
- Attend Trainings
- End of Row Shutoff When Spraying
- Avoid Surface Water When Spraying
- Reapply Rinsate to Treated Field

**Farm Evaluation Survey required**

**NEW! Information on your on-farm drinking water supply wells located on enrolled parcels**

Indicate the number of active drinking water supply wells on each of your enrolled parcels.

If you do not have on-farm drinking water wells, enter "0".

**NOTE: This section is for active drinking water wells only. A drinking water well is a groundwater well that is used to provide water for cooking/drinking.**

Information regarding abandoned or irrigation wells should be described in the 'Wells' section of the Farm Evaluation.

Map	County	APN	Total Parcel Acres	Number of Drinking Water Wells
9	Solano	0107-070-080	9.92	0
9	Solano	0107-070-090	9.92	1
9	Solano	0107-070-100	19.82	0

**New: How many drinking wells on each enrolled parcel?**

**New: INMPSR – Irrigation & Nitrogen Management Plan Summary Report – All parcels must complete this report**

Account  
Account Contacts  
Parcels  
Cropping

INMP SUMMARY REPORT

INMP Management Units  
INMP Reporting  
INMP Certification  
Outreach and Training

SECP PLAN

SECP Plan

FARM EVALUATION

Irrigation Wells  
Sediment/Erosion Practices

MEMBER DATA | **INMP SUMMARY REPORT** | SECP PLAN | FARM EVALUATION | MAPS AND REPORTS | INMP WORKSHEET

1 INMP Management Units | 2 INMP Reporting | 3 INMP Certification | 4 Outreach and Training

PREVIOUS

INMP Summary Reporting

SAVE & NEXT

- Enter INMP reporting data for the selected management units here.
- The data items that can be modified are represented in blue.
- If reporting yield for pasture, please use the "Irrigated Pasture Nitrogen Management & Planning" calculator located at <http://rangefields.ucdavis.edu/ipnmp/>.
- Yield Basis for Nut Crops & Prunes Only will default to the following if not completed: almonds - kernel wt, walnuts - in-shell wt, prunes - dried fruit.
- If you apply no nitrogen, please enter a 0 (zero) for nitrogen applied.
- Once all tables/questions are completed, click the "INMP Completed" button. The INMP completion status for completed management units will be marked as "Completed".
- Click on the "Save & Next" button to advance to the next step in the process.
- Note: When clicking on "INMP Completed," an error message will appear if the required information is not complete for all management units identified.

Summary

2020 INMP Management Unit	Crop Type	Total Irrigated Acres	Total N Applied (lbs/acre)				Available N Carryover in Soil (lbs/acre)	Yield/acre	Yield Unit	Yield Basis for Nut Crops & Prunes Only	If Zero Yield, Select Option Below	Notes	INMP Completed?
			N in Dry/Liquid Fertilizers (lbs/acre)	N in Irrigation Water (lbs/acre)	N in Organic Amendments (lbs/acre)	N in Foliar Fertilizers (lbs/acre)							
1	ALMOND	35.60	57.00	69.00	0.00	0.00	None	1594.00	LBS	Kernel/Meat	N/A	None	Completed

Printed Report from the DMT- Crop Year 2020

# 2020 Farm Reporting

## SECP – Sediment and Erosion Control Plan

### Section 3 – Sediment & Erosion Control Practices

Member Name: \_\_\_\_\_ Coalition Member ID: \_\_\_\_\_

1. Identify the Parcels and Fields this section applies to. Indicate in the second column if the parcel is part of a Surface Water or Groundwater Quality Management Plan. Enter the number of crop and irrigated acres for each parcel. Fill out a separate Section 3 for each group of parcels/fields with different practices.

SECP Management Unit	Management Plan Required	APN	Field Name	Irrigated Acres	...
1	<input type="checkbox"/>			9.20	AL
				8.90	AL
				17.80	AL

### Section 2 – Irrigation Well and Abandoned Well Information

Member Name: \_\_\_\_\_ Coalition Member ID: \_\_\_\_\_

Do you have any irrigation wells on parcels associated with this survey?  
 Yes

### Section 1 – Whole Farm Evaluation

Member Name: \_\_\_\_\_ Coalition Member ID: \_\_\_\_\_

#### 1. Pesticide Application Practices:

- No Pesticides Applied
- County Permit Followed
- Follow Label Restrictions
- Sensitive Areas Mapped
- Attend Trainings
- Target Sensing Sprayer Used
- Monitor Wind Conditions
- Use Appropriate Buffer Zones
- Use Vegetated Drain Ditches
- Monitor Rain Evacuate

### ILRP MEMBERSHIP DATA

Owner ID: \_\_\_\_\_ Reporter ID: \_\_\_\_\_  
 Owner Entity: \_\_\_\_\_ Reporter Entity: \_\_\_\_\_

#### Account Completion Status

Overall Completion Status?	INMP?	Outreach and Training?	Irrigation Wells?	Sediment/Erosion Practices?	Whole Farm?	SECP Plan?	Balance Due
Completed	Completed	Completed	Completed	Completed	Completed	Completed	0.00

Farm Evaluation Completion Date: 2020-12-08  
 INMP Completion Date: 2020-12-08

#### SECP Plan

I have read and understand the requirements that determine parcel SECP status.  
 I passed the SECP Self-Certification Program on:

#### Outreach and Training

Please acknowledge which of the following education or outreach events you have participated in over the last twelve months:

- Subwatershed Annual Meeting
- Agricultural Commissioner Meeting
- Farm Bureau Meeting
- Commodity Group Meeting
- NRCS/RCD Event
- Online Training or Presentation Review

Please indicate which programs you have participated in this year:

- NMP/INMP Self-Certification Training
- Continuing Education Courses (3 CEU required within three years of your NMP/INMP Certification)
- I have chosen to have a specialist certify my INMP
- My parcels are in a low vulnerability area and do not require additional self-certification training
- I did not participate in a self-certification or continuing education course this year

Identify erosion and sediment control practices on each parcel. For each parcel, indicate the type of erosion control practice used and whether it is a best management practice (BMP). If a parcel is not a BMP, indicate the type of erosion control practice used and whether it is a best management practice (BMP). If a parcel is not a BMP, indicate the type of erosion control practice used and whether it is a best management practice (BMP).

For each well, fill in the table below with the Well ID and the location of your wells on the provided Farm ID.

Wellhead Protection Practices	Good Housekeeping Practices	Air Gap (for non-pressurized systems)	Backflow Preventive / Check Valve	Cement Pad
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

For each abandoned well, mark the location of your wells on the provided Farm ID. Indicate the year the well was abandoned (write "UNK" if the year the well was destroyed with an "X" under the appropriate practice).

Abandoned Well Practices	Sealed by licensed professional	Destroyed - unknown method	Notes
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

### IRRIGATION AND NITROGEN MANAGEMENT PLAN (INMP) SUMMARY REPORT

## IRRIGATION AND NITROGEN MANAGEMENT PLAN (INMP) SUMMARY REPORT

Refer to your Irrigation and Nitrogen Management Plan (INMP) Worksheet and Parcel Inventory for information to complete an INMP Summary. Report for each field or Management Unit.

STEP 1: GENERAL INFORMATION	STEP 2: OUTLIER NOTIFICATION RECEIPT	STEP 3: INMP CERTIFICATION METHOD
Member ID: _____ Forms Completed By: _____ Crop Year (Harvested): 2020 Submittal Date: 2020-12-08	On (Date) <u>2020-11-01</u> , the Coalition provided information about this membership's nitrogen efficiency for the previous crop year and identified management units that were considered outliers compared to other Coalition members growing the same crop.  Please check the box below to acknowledge your outlier status. <input checked="" type="checkbox"/>	<input type="checkbox"/> Certified INMP Specialist (e.g. certified crop adviser who has completed the CDFA training program) <input checked="" type="checkbox"/> Self-Certified (CDFA training program) <input type="checkbox"/> Self-Certified (follows NRCS or UC Cooperative Extension site-specific recommendations) <input type="checkbox"/> Self-Certified (No fertilizers applied) <input type="checkbox"/> My parcels are low vulnerability and do not require certification

### STEP 4: INMP SUMMARY REPORT

Complete the table below for each field or management unit for this membership. All values should be on a per acre basis.

2020 INMP Management Unit	Crop Type	Total Irrigated Acres	Total N Applied (lbs/acre)				Yield/acre	Yield Unit	Yield Basis for Nut Crops & Prunes Only	If Zero Yield, Select Option Below	Notes	INMP Completed
			N in Dry/Liquid Fertilizers (lbs/acre)	N in Irrigation Water (lbs/acre)	N in Organic Amendments (lbs/acre)	N in Fertilizer (lbs/acre)						
1	ALMOND	35.60	57.00	69.00	0.00	0.00	1594.00	LBS	Kernel/Meat	N/A		Completed

### IRRIGATION AND NITROGEN MANAGEMENT PLAN (INMP) SUMMARY REPORT

## IRRIGATION & NITROGEN MANAGEMENT PRACTICES

Complete the following tables for each field or Management Unit (refer to ILRP Parcel and Field Inventory Sheet).

2020 INMP Management Unit	Primary Irrigation Method						Secondary Irrigation Method					
	Drip	Micro Sprinkler	Furrow	Sprinkler	Border Strip	Flood	Micro Sprinkler	Furrow	Sprinkler	Border Strip	Flood	
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

2020 INMP Management Unit	Irrigation Efficiency Practices						
	Laser Leveling	Use of ET in Scheduling Irrigations	Water Application Scheduled to Need	Use of Moisture Probe (e.g. tensiometer)	Soil Moisture Neutron Probe	Pressure Bomb	Other
1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

2020 INMP Management Unit	Nitrogen Efficiency Practices								
	Split Fertilizer Applications	Irrigation Water N Testing	Soil Testing	Tissue/Petiole Testing	Fertigation	Foliar N Application	Cover Crops	Variable Rate Application Using GPS	Other
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

INMP – Irrigation & Nitrogen Management Plan Worksheet – Must be certified if parcel is in a high groundwater vulnerability area

### Sediment and Erosion Control Plan (SECP) Template

Member Name: \_\_\_\_\_

1. General Information:  
 Provide the required information where indicated.

Parcel (APN) \_\_\_\_\_ Field ID(s) \_\_\_\_\_

You only need to do this again if...  
 New Parcel? New member? Change in Operation?

Name of Person Completing the Template: \_\_\_\_\_

### IRRIGATION AND NITROGEN MANAGEMENT PLAN (INMP) WORKSHEET

Member ID: \_\_\_\_\_ INMP Field or MU: \_\_\_\_\_ Crop: \_\_\_\_\_ Total Acres: \_\_\_\_\_

IRRIGATION MANAGEMENT		Pre-Season Planning	
1. Irrigation Method* (check one for Primary, if applicable, check one for Secondary) Primary/Secondary: <input type="checkbox"/> Drip <input type="checkbox"/> Micro Sprinkler <input type="checkbox"/> Furrow <input type="checkbox"/> Sprinkler <input type="checkbox"/> Border Strip <input type="checkbox"/> Flood	2. Crop Evapotranspiration (ET) Index	3. Anticipated Crop Irrigation (inches)	4. Irrigation Water N Concentration (ppm) (e.g. 100-200)
* & 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	
6. Production Unit (lbs, tons, etc.)	7. Harvested Yield*	Expected (A)	Actual (B)
NITROGEN MANAGEMENT		Nitrogen Sources	
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"/> Fertigation <input type="checkbox"/> Foliar N Application <input type="checkbox"/> Cover Crops <input type="checkbox"/> Variable Rate Applications using GPS <input type="checkbox"/> Other: _____	9. Soil - Available N in Root Zone (lb/acre) (Index) 10. N in Irrigation Water* (lb/acre) (Index) 11. Organic Amendments* (lb/acre) (Index) 12. Dry/Liquid Fertilizer N* (lb/acre) 13. Foliar Fertilizer N* (lb/acre)	Recommended/Planned N (A)	Actual N (B)
14. TOTAL NITROGEN (lb/acre)			

\* A secondary irrigation system may be used for irrigation. Root zone N is based on actual yield and actual N. \*Based on Total N to be reported to the Coalition on the INMP Summary Report. Based on Actual Yield and Actual N.

Plan Certifier Initials: \_\_\_\_\_

# Online DMT Data Management Tool

# 2021 Farm Reporting

# GW MPIR Groundwater Management Practices Implementation Report

MEMBER DATA FARM EVALUATION NMP MAPS & REPORTS

1 Account 2 Account Contacts 3 Parcels 4 Cropping

PREVIOUS 4: Review and Update Fields Associated with Parcels in the Current Account NEXT

- Select, Edit and review Field details.
- To get started, click on a data item you would like to modify.
- Note: Once you have finished making modifications to this table then please click the "Save" button.

Add	Del	County	APN	Total Parcel Acres	Field Id	Primary Crop	Year Crop Planted	Irrigated Acres	Winter Crop	Winter Crop Acres
+	×						None	77.27	None	None
+	×						None	56.00	None	None
+	×	Solano			WALNUT		None	98.00	None	None
+	×	Solano			FALLOW		None	80.00	None	None
+	×	Solano			ALMOND					
+	×	Solano			WALNUT					

Verify Crops

No Farm Evaluation Survey required

INMPSR – Irrigation & Nitrogen Management Plan Summary Report – All parcels must complete this report

MEMBER DATA INMP SUMMARY REPORT MPIR SECP PLAN MAPS AND REPORTS INMP WORKSHEET

1 INMP Reporting 2 INMP Certification 3 Outreach and Training

PREVIOUS INMP Summary Reporting SAVE & NEXT

Important! The Irrigated Lands Regulatory Program requires you have an Irrigation and Nitrogen Management Plan Worksheet for all parcels completed and on-farm. If the parcel is in a high vulnerability area, it must be certified. To complete your planning worksheet, click [here](#) or download the form [here](#).

- Enter INMP reporting data for the selected management units here.
- The data items that can be modified are represented in blue.
- If reporting yield for pasture, please use the "Irrigated Pasture Nitrogen Management & Planning" calculator located at <http://rangelands.ucdavis.edu/ipnmp/>.
- Yield Basis for Nut Crops & Prunes Only will default to the following if not completed: almonds - kernel wt, walnuts - in-shell wt, prunes - dried fruit.
- If you apply no nitrogen, click the button "No N" and "0" will be applied.
- Any field left as "Value" will be considered "0" N applied.
- Only N in Dry/Liquid Fertilizer and N in Irrigation Water are required.
- Once all tables/questions are completed, click the "INMP Completed" button. The INMP completion status for completed management units will be marked as "Completed".
- Click on the "Save & Next" button to advance to the next step in the process.
- Note: When clicking on "INMP Completed", an error message will appear if the required information is not complete for all management units identified.

Summary

2021 INMP Management Unit	Crop Type	Total Irrigated Acres	Click Button for 0 Nitrogen Inputs	Total N Applied (lbs/acre)				Available N Carryover in Soil (lbs/acre)	Yield/acre	Yield Unit	Yield Basis for Nut Crops & Prunes Only	If Zero Yield, Select Option Below	Notes	INMP Completed?
				N in Dry/Liquid Fertilizers (lbs/acre)	N in Irrigation Water (lbs/acre)	N in Organic Amendments (lbs/acre)	N in Foliar Fertilizers (lbs/acre)							
1	ALMOND	35.60	No N	75.00	86.80	Value	Value	Value	983.00	LBS	Kernel/Meat	N/A	None	Completed

How often do you complete an irrigation distribution uniformity evaluation to identify maintenance needs? (select 1)

At least once every 3 years

Every 3 to 5 years

Never - unknown distribution uniformity

How often do you assess water quality for changes in chemistry or biological materials (bacteria, fungi, algae and sediment)? (select 1)

Every 1 to 3 years, or when water supply is known to have changed

Every 3 to 5 years

Never - Unknown water quality

How often do you select and inject acids, chlorine, or polymers for irrigation system maintenance? (select 1)

Every 1 to 3 years, or when water supply is known to have changed

Every 3 to 5 years

Never - Unknown water quality

How often do you monitor water status monitoring to guide irrigation scheduling? (select 1)

Every 1 to 3 years, or when water supply is known to have changed

Every 3 to 5 years

Never - Unknown water quality

# 2021 Farm Reporting

Printed Report from the DMT- Crop Year 2021

IRRIGATION AND NITROGEN MANAGEMENT PLAN (INMP) SUMMARY REPORT

## IRRIGATION AND NITROGEN MANAGEMENT PLAN (INMP) SUMMARY REPORT

Refer to your Irrigation and Nitrogen Management Plan (INMP) Worksheet and Parcel Inventory for information to complete an INMP Summary Report for each field or Management Unit.

STEP 1: GENERAL INFORMATION	STEP 2: OUTLIER NOTIFICATION RECEIPT	STEP 3: INMP CERTIFICATION METHOD
Member ID: Forms Completed By: Crop Year (Harvested): 2020 Submittal Date: 2020-12-08	On (Date) 2020-11-01, the Coalition provided information about this membership's nitrogen efficiency for the previous crop year and identified management units that were considered outliers compared to other Coalition members growing the same crop.  Please check the box below to acknowledge your outlier status. <input checked="" type="checkbox"/>	<input type="checkbox"/> Certified INMP Specialist (e.g. certified crop adviser who has completed the CDFA training program) <input checked="" type="checkbox"/> Self-Certified (CDFA training program) <input type="checkbox"/> Self-Certified (follows NRCS or UC Cooperative Extension site-specific recommendations) <input type="checkbox"/> Self-Certified (No fertilizers applied) <input type="checkbox"/> My parcels are low vulnerability and do not require certification

STEP 4: INMP SUMMARY REPORT

Complete the table below for each field or management unit for this membership. All values should be on a per acre basis.

2020 INMP Management Unit	Crop Type	Total Irrigated Acres	Total N Applied (lbs/acre)					Yield/acre	Yield Unit	Yield Basis for Nut Crops & Prunes Only	If Zero Yield, Select Option Below	Notes	INMP Completed
			N in Dry Fertilizers (lbs/acre)	N in Irrigation Water (lbs/acre)	N in Organic Amendments (lbs/acre)	N in Fertilizer (lbs/acre)	Available N Carryover (lbs/acre)						
1	ALMOND	35.60	57.00	69.00	0.00	0.00	1594.00	LBS	Kernel/Meat	N/A		Completed	

### IRRIGATION & NITROGEN MANAGEMENT PRACTICES

Complete the following tables for each field or Management Unit (refer to ILRP Parcel and Field Inventory Sheet).

2020 INMP Management Unit	Primary Irrigation Method					Secondary Irrigation Method						
	Drip	Micro Sprinkler	Furrow	Sprinkler	Border Strip	Flood	Drip	Micro Sprinkler	Furrow	Sprinkler	Border Strip	Flood
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2020 INMP Management Unit	Irrigation Efficiency Practices						
	Laser Leveling	Use of ET in Scheduling Irrigations	Water Application Scheduled to Need	Use of Moisture Probe (e.g. tensiometer)	Soil Moisture Neutron Probe	Pressure Bomb	Other
1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

2020 INMP Management Unit	Nitrogen Efficiency Practices								
	Split Fertilizer Applications	Irrigation Water N Testing	Soil Testing	Tissue/Petiole Testing	Ferigation	Foliar N Application	Cover Crops	Variable Rate Application Using GPS	Other
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## GW MPIR

### MPIR Section 2 – Irrigation Uniformity

Management Unit: 1 Crop Type: ALMOND Total Irrigated Acres: 35.60

1. How often do you complete an irrigation distribution uniformity evaluation to identify maintenance needs?

- At least once every 3 years
- Every 3 to 5 years
- Never – unknown distribution uniformity

2. How often do you assess water quality for changes in chemistry or biological materials (bacteria, fungi, algae and sediment)?

- Every 1 to 3 years, or when water supply is known to have changed
- Every 3 to 5 years
- Never - Unknown water quality

3. How often do you select and inject acids, chlorine, or polymers for irrigation system maintenance?

- As often as necessary, based on known water quality changes
- At least once each irrigation season
- Never

4. How often do you clean filters and flush hose lines?

- At least every other month during irrigation season
- At least once each season
- Never, or less than once each season

5. How often do you do drive through checks on your irrigation system to scout for system breaks and needed plumbing repairs?

- At each start-up
- Every 1-4 weeks
- Seldom (less often than every 4 weeks)

6. How often do you use ET, etc, soil, or plant water status monitoring to guide irrigation scheduling?

- Regularly (several times throughout the growing season)
- Sometimes (on some crops or at some points during the growing season)
- Never

## SECP – Sediment and Erosion Control Plan

Sediment and Erosion Control Plan (SECP) Template

Member Name: \_\_\_\_\_

1. General Information:  
Provide the required information where indicated.

Parcel (APN) \_\_\_\_\_ Field ID(s) \_\_\_\_\_

You only need to do this again if...  
New Parcel? New member? Change in Operation?

Name of Person Completing the Template: \_\_\_\_\_

IRRIGATION AND NITROGEN MANAGEMENT PLAN (INMP) WORKSHEET

Member ID: \_\_\_\_\_ INMP Field or MU: \_\_\_\_\_ Crop: \_\_\_\_\_ Total Acres: \_\_\_\_\_

IRRIGATION MANAGEMENT		Pre-Season Planning	
1. Irrigation Method* (check one for Primary, if applicable, check one for Secondary) Primary: <input type="checkbox"/> Drip <input type="checkbox"/> Micro Sprinkler <input type="checkbox"/> Furrow <input type="checkbox"/> Sprinkler <input type="checkbox"/> Border Strip <input type="checkbox"/> Flood Secondary: <input type="checkbox"/> Drip <input type="checkbox"/> Micro Sprinkler <input type="checkbox"/> Furrow <input type="checkbox"/> Sprinkler <input type="checkbox"/> Border Strip <input type="checkbox"/> Flood	2. Crop Evapotranspiration (ET) Index	3. Anticipated Crop Irrigation (inches)	4. Irrigation Water N Concentration (ppm) (e.g., 100, 200)
5. Irrigation Efficiency Practices* (Check all that apply) <input type="checkbox"/> Laser Leveling <input type="checkbox"/> Soil Moisture Neutron Probe <input type="checkbox"/> Use of ET in scheduling irrigations <input type="checkbox"/> Pressure Bomb <input type="checkbox"/> Water application schedule to need <input type="checkbox"/> Other: _____ <input type="checkbox"/> Use of moisture probe (e.g. tensiometer) <input type="checkbox"/> Other: _____			
HARVEST YIELD INFORMATION			
Harvest / Yield Information		Expected (A)	Actual (B)
6. Production Unit (See Item 6.1)	7. Harvested Yield*		
NITROGEN MANAGEMENT		Recommended/Planned (A)	Actual (B)
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"/> Ferigation <input type="checkbox"/> Foliar N Application <input type="checkbox"/> Cover Crops <input type="checkbox"/> Variable Rate Applications using GPS <input type="checkbox"/> Other: _____		9. Soil – Available N in Root Zone (ppm) (e.g., 10, 20)	10. N in Irrigation Water* (ppm) (e.g., 100, 200)
		11. Organic Amendments* (Manure/Compost/Other - (tons/acre))	12. Dry/Liquid Fertilizer N* (lbs/ac)
		13. Foliar Fertilizer N* (lbs/ac)	14. TOTAL NITROGEN (lbs/ac)

\* A secondary irrigation system should be used for nitrogen management. Foot-candle readings should be used for ET scheduling.   
 \* Soil Test Data to be reported to the Coalition on the INMP Summary Report, based on Actual Yield and Actual N.

# Online DMT Data Management Tool

# 2022 Farm Reporting

# GW MPIR Groundwater Management Practices Implementation Report

No Farm Evaluation Survey required

MEMBER DATA FARM EVALUATION NMP MAPS & REPORTS

1 Account 2 Account Contacts 3 Parcels 4 Cropping

PREVIOUS 4: Review and Update Fields Associated with Parcels in the Current Account NEXT

- Select, Edit and review Field details.
- To get started, click on a data item you would like to modify.
- Note: Once you have finished making modifications to this table then please click the "Save" button.

Add	Del	County	APN	Total Parcel Acres	Field Id	Primary Crop	Year Crop Planted	Irrigated Acres	Winter Crop	Winter Crop Acres
+	×						None	77.27	None	None
+	×						None	56.00	None	None
+	×	Solano			WALNUT		None	98.00	None	None
+	×	Solano			FALLOW		None	80.00	None	None
+	×	Solano			ALMOND					
+	×	Solano			WALNUT					

Verify Crops

INMPSR – Irrigation & Nitrogen Management Plan Summary Report – All parcels must complete this report

MEMBER DATA INMP SUMMARY REPORT MPIR SECP PLAN MAPS AND REPORTS INMP WORKSHEET

1 INMP Reporting 2 INMP Certification 3 Outreach and Training

PREVIOUS INMP Summary Reporting SAVE & NEXT

Important! The Irrigated Lands Regulatory Program requires you have an Irrigation and Nitrogen Management Plan Worksheet for all parcels completed and on-farm. If the parcel is in a high vulnerability area, it must be certified. To complete your planning worksheet, click [here](#) or download the form [here](#).

- Enter INMP reporting data for the selected management units here.
- The data items that can be modified are represented in blue.
- If reporting yield for pasture, please use the "Irrigated Pasture Nitrogen Management & Planning" calculator located at <http://rangelands.ucdavis.edu/ipnmp/>.
- Yield Basis for Nut Crops & Prunes Only will default to the following if not completed: almonds - kernel wt, walnuts - in-shell wt, prunes - dried fruit.
- If you apply no nitrogen, click the button "No N" and "0" will be applied.
- Any field left as "Value" will be considered "0" N applied.
- Only N in Dry/Liquid Fertilizer and N in Irrigation Water are required.
- Once all tables/questions are completed, click the "INMP Completed" button. The INMP completion status for completed management units will be marked as "Completed".
- Click on the "Save & Next" button to advance to the next step in the process.
- Note: When clicking on "INMP Completed", an error message will appear if the required information is not complete for all management units identified.

Summary

2021 INMP Management Unit	Crop Type	Total Irrigated Acres	Click Button for 0 Nitrogen Inputs	Total N Applied (lbs/acre)				Available N Carryover in Soil (lbs/acre)	Yield/acre	Yield Unit	Yield Basis for Nut Crops & Prunes Only	If Zero Yield, Select Option Below	Notes	INMP Completed?
				N in Dry/Liquid Fertilizers (lbs/acre)	N in Irrigation Water (lbs/acre)	N in Organic Amendments (lbs/acre)	N in Foliar Fertilizers (lbs/acre)							
1	ALMOND	35.60	No N	75.00	86.80	Value	Value	Value	983.00	LBS	Kernel/Meat	N/A	None	Completed

How often do you complete an irrigation distribution uniformity evaluation to identify maintenance needs? (select 1)

At least once every 3 years

Every 3 to 5 years

Never - unknown distribution uniformity

How often do you assess water quality for changes in chemistry or biological materials (bacteria, fungi, algae and sediment)? (select 1)

Every 1 to 3 years, or when water supply is known to have changed

Every 3 to 5 years

Never - Unknown water quality

How often do you select and inject acids, chlorine, or polymers for irrigation system maintenance? (select 1)

Every 1 to 3 years, or when water supply is known to have changed

Every 3 to 5 years

Never - Unknown water quality

How often do you monitor water status monitoring to guide irrigation scheduling? (select 1)

At least once every 3 years

Every 3 to 5 years

Never - unknown distribution uniformity

How often do you scout for system breaks and needed plumbing repairs? (select 1)

At least once every 3 years

Every 3 to 5 years

Never - unknown distribution uniformity

# 2022 Farm Reporting

Printed Report from the DMT- Crop Year 2022

## IRRIGATION AND NITROGEN MANAGEMENT PLAN (INMP) SUMMARY REPORT

### IRRIGATION AND NITROGEN MANAGEMENT PLAN (INMP) SUMMARY REPORT

Refer to your Irrigation and Nitrogen Management Plan (INMP) Worksheet and Parcel Inventory for information to complete an INMP Summary Report for each field or Management Unit.

STEP 1: GENERAL INFORMATION	STEP 2: OUTLIER NOTIFICATION RECEIPT	STEP 3: INMP CERTIFICATION METHOD
Member ID: Forms Completed By: Crop Year (Harvested): 2020 Submittal Date: 2020-12-08	On (Date) 2020-11-01, the Coalition provided information about this membership's nitrogen efficiency for the previous crop year and identified management units that were considered outliers compared to other Coalition members growing the same crop.  Please check the box below to acknowledge your outlier status. <input checked="" type="checkbox"/>	<input type="checkbox"/> Certified INMP Specialist (e.g. certified crop adviser who has completed the CDFA training program) <input checked="" type="checkbox"/> Self-Certified (CDFA training program) <input type="checkbox"/> Self-Certified (follows NRCS or UC Cooperative Extension site-specific recommendations) <input type="checkbox"/> Self-Certified (No fertilizers applied) <input type="checkbox"/> My parcels are low vulnerability and do not require certification

#### STEP 4: INMP SUMMARY REPORT

Complete the table below for each field or management unit for this membership. All values should be on a per acre basis.

2020 INMP Management Unit	Crop Type	Total Irrigated Acres	Total N Applied (lbs/acre)					Yield/acre	Yield Unit	Yield Basis for Nut Crops & Prunes Only	If Zero Yield, Select Option Below	Notes	INMP Completed
			N in Dry Fertilizers (lbs/acre)	N in Irrigation Water (lbs/acre)	N in Organic Amendments (lbs/acre)	N in Fertilizer (lbs/acre)	Available N Carryover in Soil (lbs/acre)						
1	ALMOND	35.60	57.00	69.00	0.00	0.00	1594.00	LBS	Kernel/Meat	N/A		Completed	

### IRRIGATION & NITROGEN MANAGEMENT PRACTICES

Complete the following tables for each field or Management Unit (refer to ILRP Parcel and Field Inventory Sheet).

2020 INMP Management Unit	Primary Irrigation Method					Secondary Irrigation Method						
	Drip	Micro Sprinkler	Furrow	Sprinkler	Border Strip	Flood	Drip	Micro Sprinkler	Furrow	Sprinkler	Border Strip	Flood
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2020 INMP Management Unit	Irrigation Efficiency Practices						
	Laser Leveling	Use of ET in Scheduling Irrigations	Water Application Scheduled to Need	Use of Moisture Probe (e.g. tensiometer)	Soil Moisture Neutron Probe	Pressure Bomb	Other
1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

2020 INMP Management Unit	Nitrogen Efficiency Practices								
	Split Fertilizer Applications	Irrigation Water N Testing	Soil Testing	Tissue/Petiole Testing	Ferigation	Foliar N Application	Cover Crops	Variable Rate Application Using GPS	Other
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## GW MPIR

### MPIR Section 2 – Irrigation Uniformity

Management Unit: 1 Crop Type: ALMOND Total Irrigated Acres: 35.60

1. How often do you complete an irrigation distribution uniformity evaluation to identify maintenance needs?

- At least once every 3 years
- Every 3 to 5 years
- Never – unknown distribution uniformity

2. How often do you assess water quality for changes in chemistry or biological materials (bacteria, fungi, algae and sediment)?

- Every 1 to 3 years, or when water supply is known to have changed
- Every 3 to 5 years
- Never - Unknown water quality

3. How often do you select and inject acids, chlorine, or polymers for irrigation system maintenance?

- As often as necessary, based on known water quality changes
- At least once each irrigation season
- Never

4. How often do you clean filters and flush hose lines?

- At least every other month during irrigation season
- At least once each season
- Never, or less than once each season

5. How often do you do drive through checks on your irrigation system to scout for system breaks and needed plumbing repairs?

- At each start-up
- Every 1-4 weeks
- Seldom (less often than every 4 weeks)

6. How often do you use ET, etc, soil, or plant water status monitoring to guide irrigation scheduling?

- Regularly (several times throughout the growing season)
- Sometimes (on some crops or at some points during the growing season)
- Never

## SECP – Sediment and Erosion Control Plan

**Sediment and Erosion Control Plan (SECP) Template**

Member Name: \_\_\_\_\_

1. General Information:  
Provide the required information where indicated.

Parcel (APN) \_\_\_\_\_ Field ID(s) \_\_\_\_\_

You only need to do this again if...  
New Parcel? New member? Change in Operation?

Name of Person Completing the Template: \_\_\_\_\_

NMP – Nitrogen Management Plan Worksheet – Must be certified if parcel is in a high groundwater vulnerability area

**IRRIGATION AND NITROGEN MANAGEMENT PLAN (INMP) WORKSHEET**

Member ID: \_\_\_\_\_ INMP Field or MU: \_\_\_\_\_ Crop: \_\_\_\_\_ Total Acres: \_\_\_\_\_

IRRIGATION MANAGEMENT		Pre-Season Planning	
1. Irrigation Method* (check one for Primary, if applicable, check one for Secondary) Primary: <input type="checkbox"/> Drip <input type="checkbox"/> Micro Sprinkler <input type="checkbox"/> Furrow <input type="checkbox"/> Sprinkler <input type="checkbox"/> Border Strip <input type="checkbox"/> Flood Secondary: <input type="checkbox"/> Drip <input type="checkbox"/> Micro Sprinkler <input type="checkbox"/> Furrow <input type="checkbox"/> Sprinkler <input type="checkbox"/> Border Strip <input type="checkbox"/> Flood	2. Crop Evapotranspiration (ET) Index	3. Anticipated Crop Irrigation (inches)	4. Irrigation Water N Concentration (ppm) (e.g. 100, 200)
5. Irrigation Efficiency Practices* (Check all that apply) <input type="checkbox"/> Laser Leveling <input type="checkbox"/> Soil Moisture Neutron Probe <input type="checkbox"/> Use of ET in scheduling irrigations <input type="checkbox"/> Pressure Bomb <input type="checkbox"/> Water application schedule to need <input type="checkbox"/> Other: _____ <input type="checkbox"/> Use of moisture probe (e.g. tensiometer) <input type="checkbox"/> Other: _____			
HARVEST YIELD INFORMATION			
6. Production Unit (See Note 6)	Harvest / Yield Information	Expected (A)	Actual (B)
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"/> Ferigation <input type="checkbox"/> Foliar N Application <input type="checkbox"/> Cover Crops <input type="checkbox"/> Variable Rate Applications using GPS <input type="checkbox"/> Other: _____	Nitrogen Sources	Recommended/Planned N (a)	Actual N (B)
9. Soil – Available N in Root Zone (Remained Index)	10. N in Irrigation Water* (ppm) (e.g. 100, 200)		
11. Organic Amendments* (Manure/Compost/Other - (lbs/ac estimate))	12. Dry/Liquid Fertilizer N* (lb/ac)		
13. Foliar Fertilizer N* (lb/ac)	14. TOTAL NITROGEN (lb/ac)		

\* A secondary irrigation system should be used for nitrogen management. Root zone probe, root zone probe, crop testing etc. \* Soil Test Data to be reported to the Coalition on the INMP Summary Report, based on Actual Yield and Actual N.



# Questions?

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