Irrigated Lands Regulatory Program

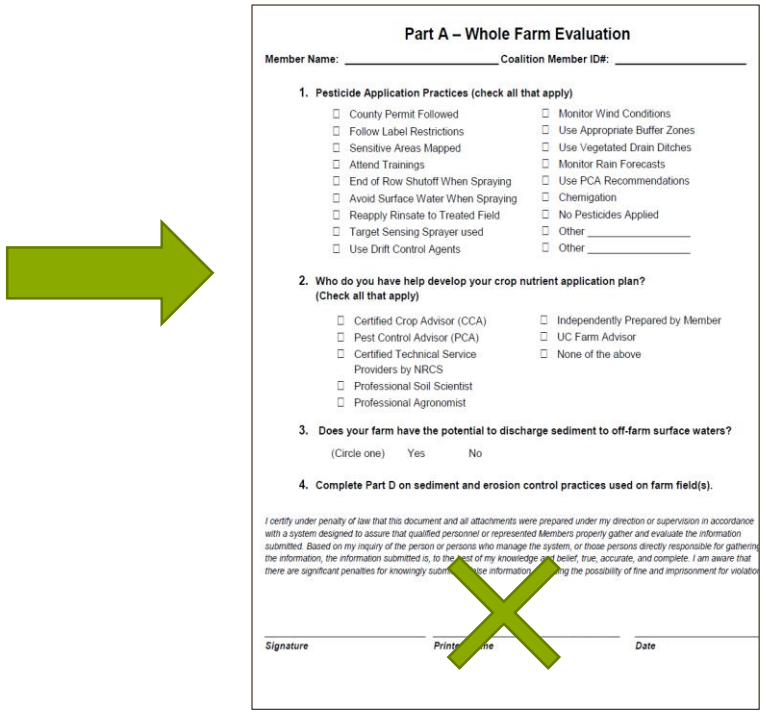
Dixon/Solano RCD Water Quality Coalition

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)**
   - ☐ 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
   - ☐ Target Sensing Sprayer used
   - ☐ Use Drift Control Agents
   - ☐ Monitor Wind Conditions
   - ☐ Use Appropriate Buffer Zones
   - ☐ Use Vegetated Drain Ditches
   - ☐ Monitor Rain Forecasts
   - ☐ Use PCA Recommendations
   - ☐ Chemigation
   - ☐ No Pesticides Applied
   - ☐ Other _____
   - ☐ Other _____
2. **Who do you have help develop your crop nutrient application plan? (Check all that apply)**
   - ☐ Certified Crop Advisor (CCA)
   - ☐ Pest Control Advisor (PCA)
   - ☐ Certified Technical Service Providers by NRCS
   - ☐ Professional Soil Scientist
   - ☐ Professional Agronomist
   - ☐ Independently Prepared by Member
   - ☐ UC Farm Advisor
   - ☐ None of the above
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).**

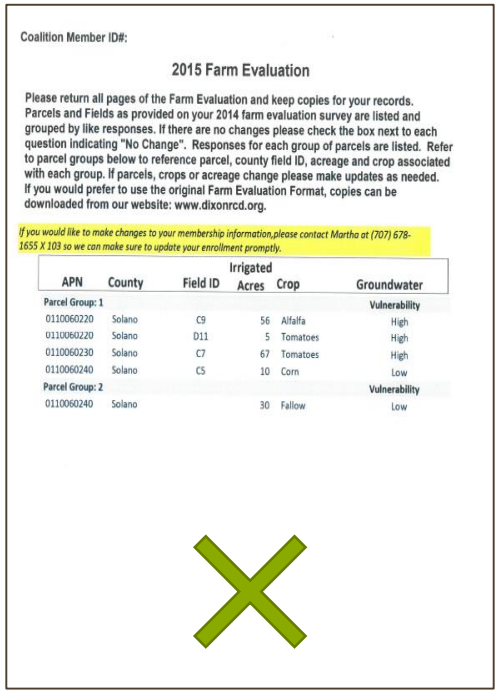
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel or represented Members properly gather and evaluate the information submitted. Based on my inquiry of the person 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 subm[illegible]se information, [illegible]ng the possibility of fine and imprisonment for violation

Signature *Print[illegible]me* *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.

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 Acres	Crop	Groundwater Vulnerability
Parcel Group: 1					
0110060220	Solano	C9	56	Alfalfa	High
0110060220	Solano	D11	5	Tomatoes	High
0110060230	Solano	C7	67	Tomatoes	High
0110060240	Solano	C5	10	Corn	Low
Parcel Group: 2					
0110060240	Solano		30	Fallow	Low

NITROGEN MANAGEMENT PLAN WORKSHEET

CROP NITROGEN MANAGEMENT PLANNING

N APPLICATIONS/CREDITS

17. NITROGEN FERTILIZERS APPLIED

20. ORGANIC MATERIAL N

POST PRODUCTION ACTUALS

23. NITROGEN CREDITS (EST)

PLAN CERTIFICATION

28. CERTIFIED BY:

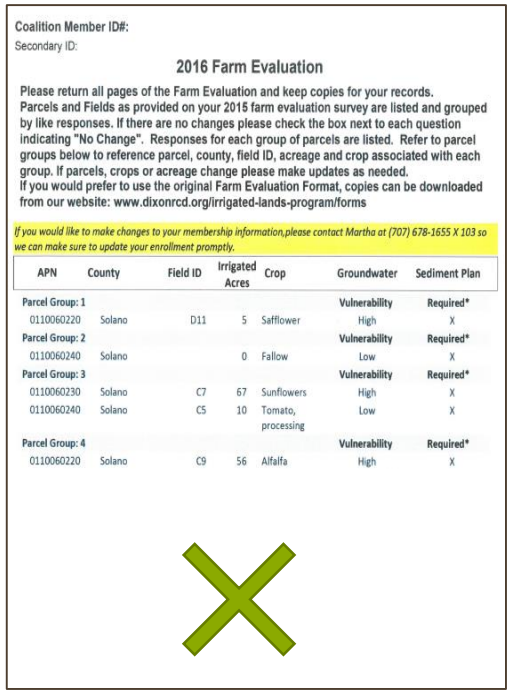
29. CERTIFICATION METHOD

DATE

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

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

NITROGEN MANAGEMENT PLAN WORKSHEET

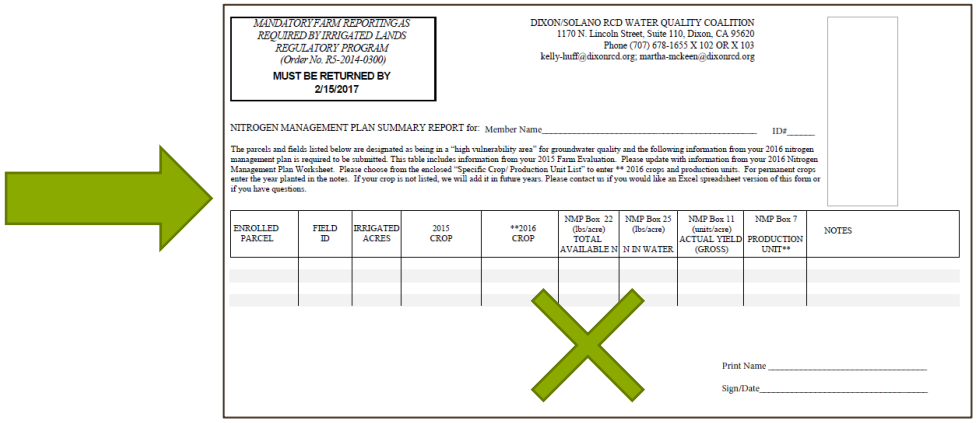
CROP NITROGEN MANAGEMENT PLANNING | N APPLICATIONS/CREDITS | 17. NITROGEN FERTILIZERS APPLIED | 30. ORGANIC MATERIAL N | POST PRODUCTION ACTUALS | 33. NITROGEN CREDITS (EST)

PLAN CERTIFICATION

28. CERTIFIED BY: | 29. CERTIFICATION METHOD

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 REPORTINGAS REQUIRED BY IRRIGATED LANDS REGULATORY PROGRAM (Order No. R5-2014-0900)
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 102 OR X 103
kelly-huff@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 future years. Please contact us if you would like an Excel spreadsheet version of this form or if you have questions.

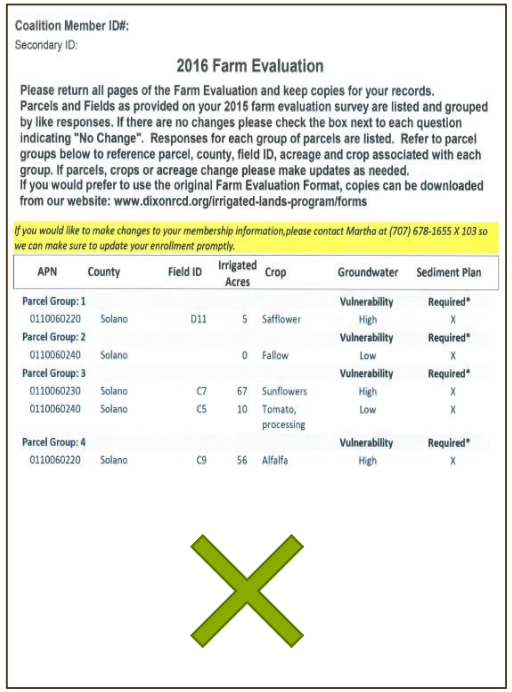
ENROLLED PARCEL	FIELD ID	IRRIGATED ACRES	2015 CROP	**2016 CROP	NMP Box 22 (lbs/acre) TOTAL AVAILABLE N	NMP Box 25 (lbs/acre) N IN WATER	NMP Box 11 (units/acre) ACTUAL YIELD (GROSS)	NMP Box 7 PRODUCTION UNIT**	NOTES

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 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

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.

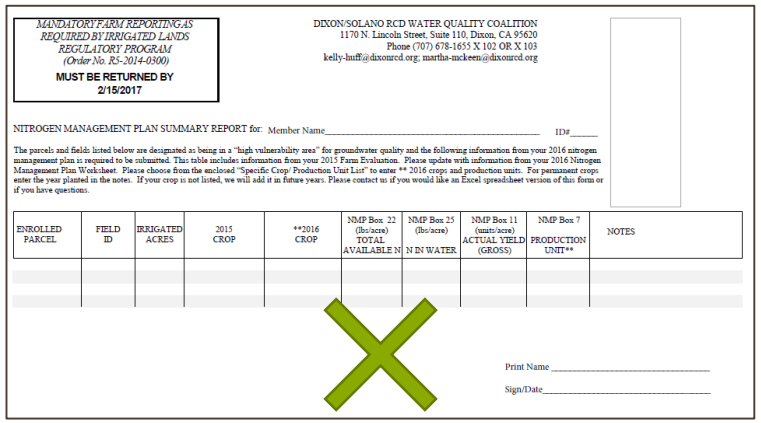
APN	County	Field ID	Irrigated Acres	Crop	Groundwater	Sediment Plan
Parcel Group: 1					Vulnerability	Required*
0110060220	Solano	D11	5	Safflower	High	X
Parcel Group: 2					Vulnerability	Required*
0110060240	Solano		0	Fallow	Low	X
Parcel Group: 3					Vulnerability	Required*
0110060230	Solano	C7	67	Sunflowers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

NITROGEN MANAGEMENT PLAN WORKSHEET

CROP NITROGEN MANAGEMENT PLANNING
N APPLICATIONS/CREDITS
17. NITROGEN FERTILIZERS APPLIED
30. ORGANIC MATERIAL N
POST PRODUCTION ACTUALS
33. NITROGEN CREDITS (EST)
PLAN CERTIFICATION
28. CERTIFIED BY:
29. CERTIFICATION METHOD
DATE:

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 REPORTINGAS REQUIRED BY IRRIGATED LANDS REGULATORY PROGRAM (Order No. R5-2014-0300)
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 X 102 OR X 103
kelly-huff@dixonrcd.org; martha-mckeen@dixonrcd.org

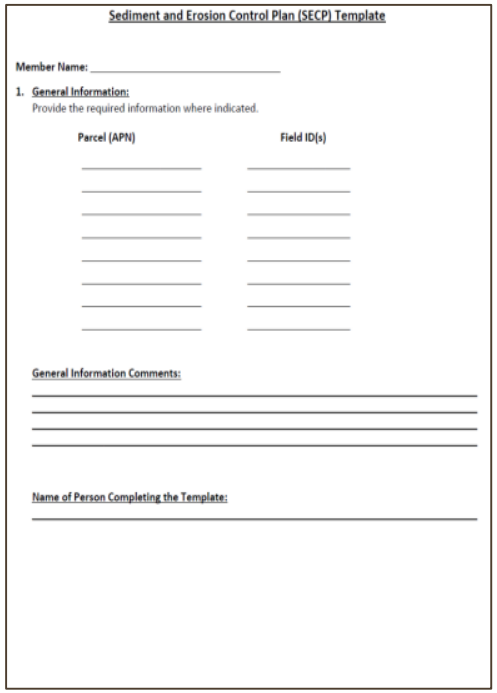
NITROGEN MANAGEMENT PLAN SUMMARY REPORT for: Member Name_____ ID#_____

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 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 (lbs/acre) TOTAL AVAILABLE N	NMP Box 25 (lbs/acre) N IN WATER	NMP Box 11 (units/acre) ACTUAL YIELD (GROSS)	NMP Box 7 PRODUCTION UNIT**	NOTES

Print Name _____

Sign/Date_____



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:

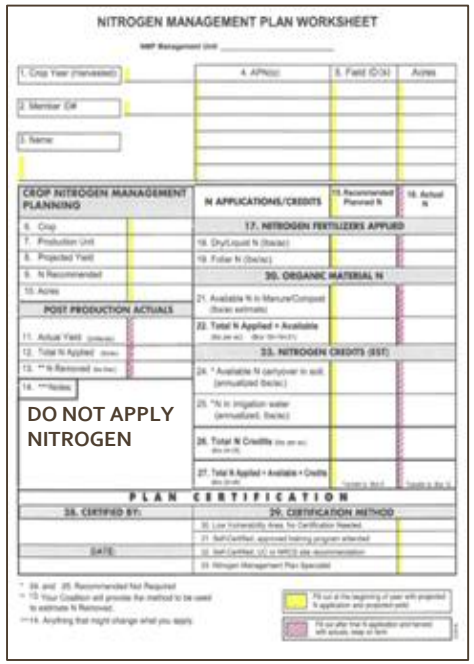
SECP – Sediment and Erosion Control Plan

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

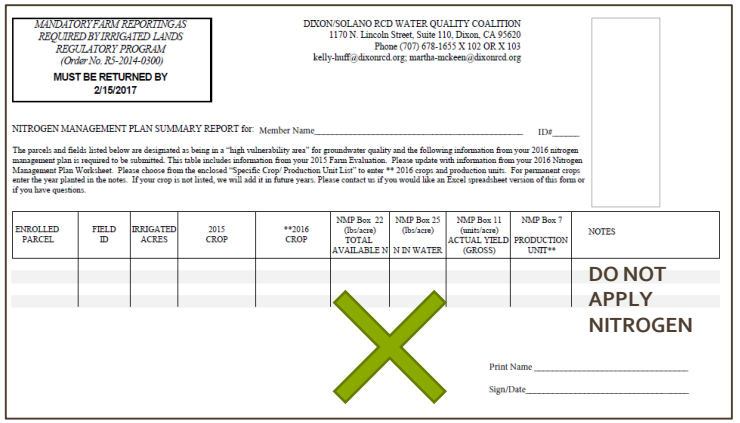
Farm Reporting Exemptions

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


NITROGEN MANAGEMENT PLAN WORKSHEET

DO NOT APPLY NITROGEN

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


MANDATORY FARM REPORTING AS REQUIRED BY IRRIGATED LANDS REGULATORY PROGRAM (Order No. R5-2014-0900)

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 102 OR X 103
kelly-luff@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 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 (lbs/acre) TOTAL AVAILABLE N	NMP Box 25 (lbs/acre) N IN WATER	NMP Box 11 (units/acre) ACTUAL YIELD (GROSS)	NMP Box 7 PRODUCTION UNIT**	NOTES
									DO NOT APPLY NITROGEN

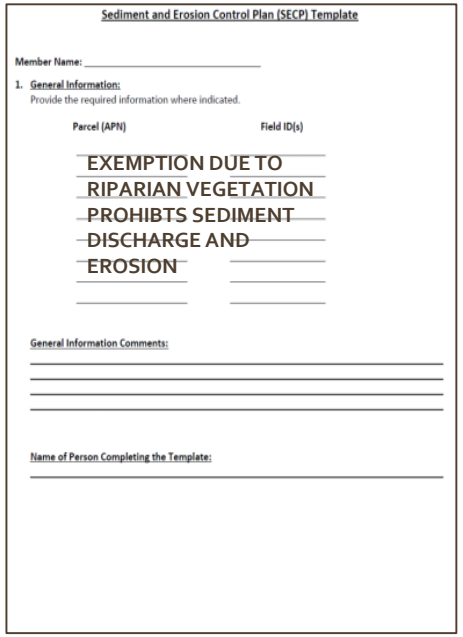
Print Name _____

Sign/Date_____

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

- Topographically Isolated
- Riparian Vegetation
- Wetland
- Not Irrigated

SECP is not required


Sediment and Erosion Control Plan (SECP) Template

Member Name: _____

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

Parcel (APN) Field ID(s)

EXEMPTION DUE TO RIPARIAN VEGETATION PROHIBTS SEDIMENT DISCHARGE AND EROSION

General Information Comments:

Name of Person Completing the Template:

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

No Farm Evaluation **Survey** required

2018 Farm Reporting


NITROGEN MANAGEMENT PLAN WORKSHEET

CROP NITROGEN MANAGEMENT PLANNING

N APPLICATIONS/CREDITS

17. NITROGEN FERTILIZERS APPLIED

20. ORGANIC MATERIAL N

POST PRODUCTION ACTUALS

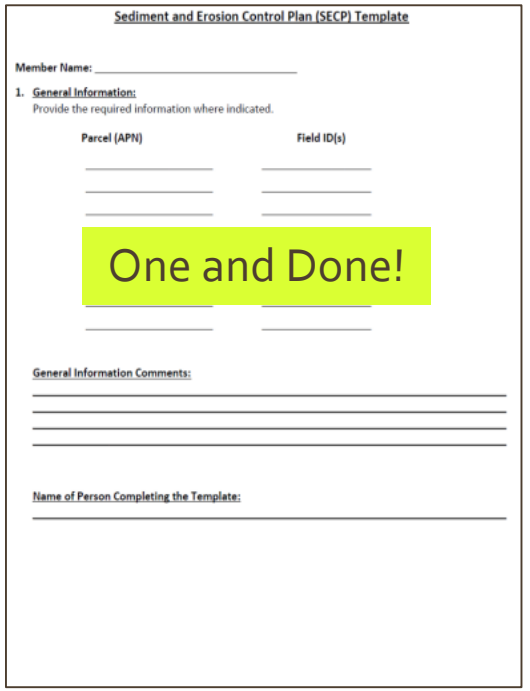
23. NITROGEN CREDITS (EST)

PLAN CERTIFICATION

28. CERTIFIED BY:

29. CERTIFICATION METHOD

DATE


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:

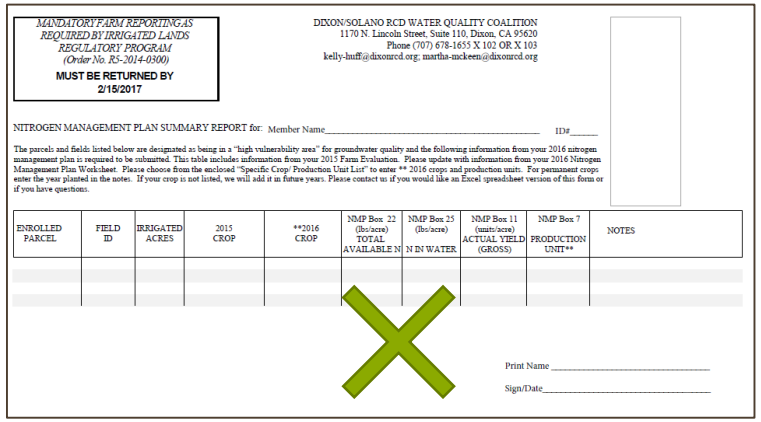
One and Done!

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

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

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 (Order No. R5-2014-0300)

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 X 102 OR X 103
kelly-luff@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 future years. Please contact us if you would like an Excel spreadsheet version of this form or if you have questions.

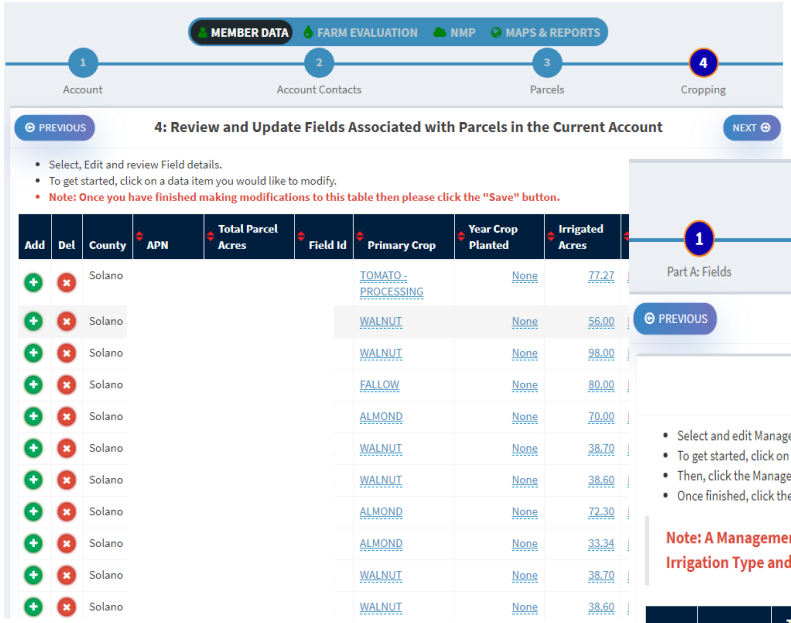
ENROLLED PARCEL	FIELD ID	IRRIGATED ACRES	2015 CROP	**2016 CROP	NMP Box 22 (lbs/acre) TOTAL AVAILABLE N	NMP Box 25 (lbs/acre) N IN WATER	NMP Box 11 (units/acre) ACTUAL YIELD (GROSS)	NMP Box 7 PRODUCTION UNIT**	NOTES

Print Name _____

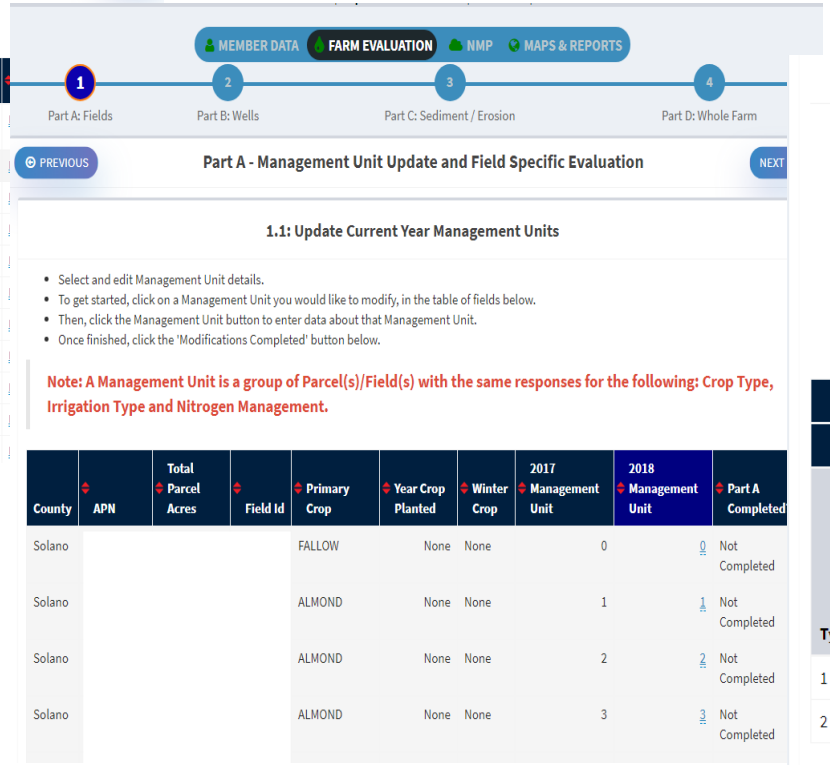
Sign/Date_____

2019 Farm Reporting

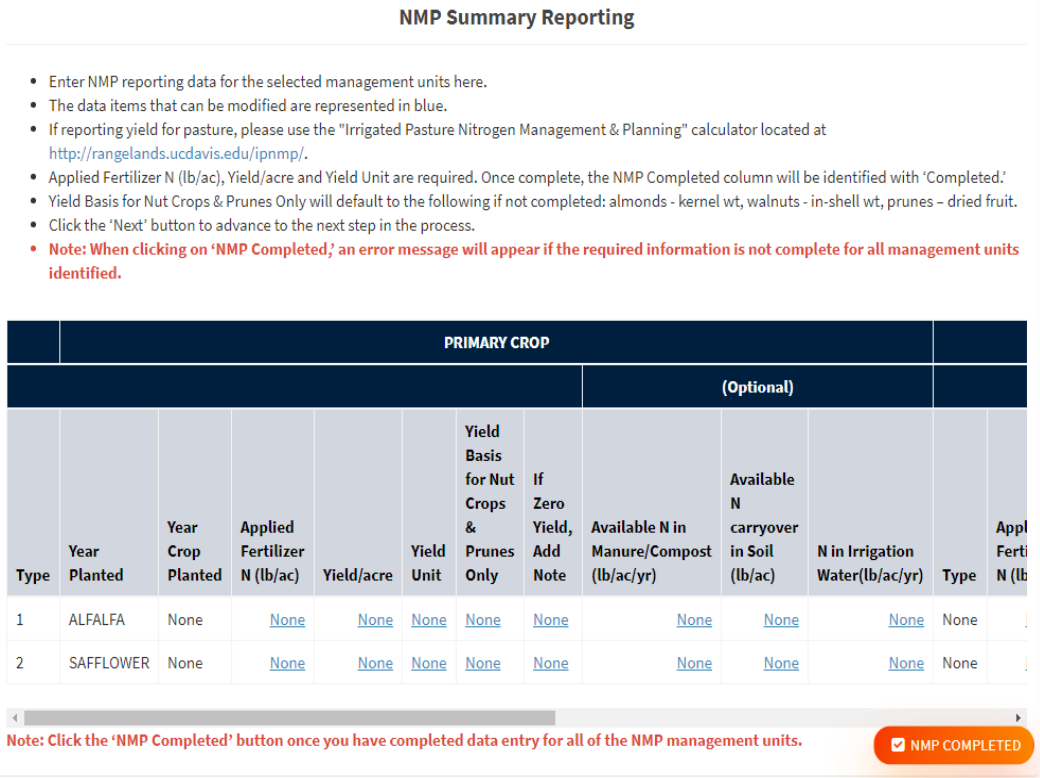
The beginning of the online DMT Data Management Tool



No Farm Evaluation **Survey** required



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



2019 Farm Reporting

2019 ILRP REPORT - ON FARM COPY

Owner ID:
Owner Name:

Reporter ID:
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:

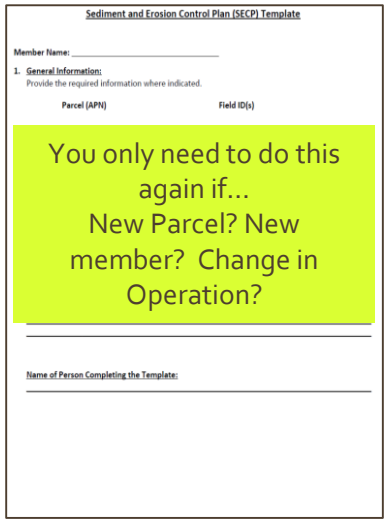
Other: Office Hours

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/Meat
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

Printed Report from the DMT- Crop Year 2019

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?

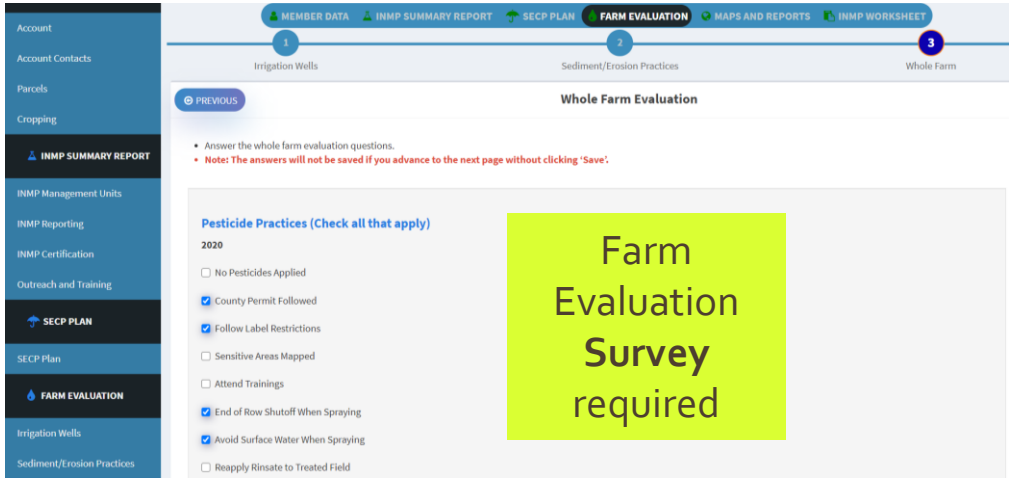
Name of Person Completing the Template: _____

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

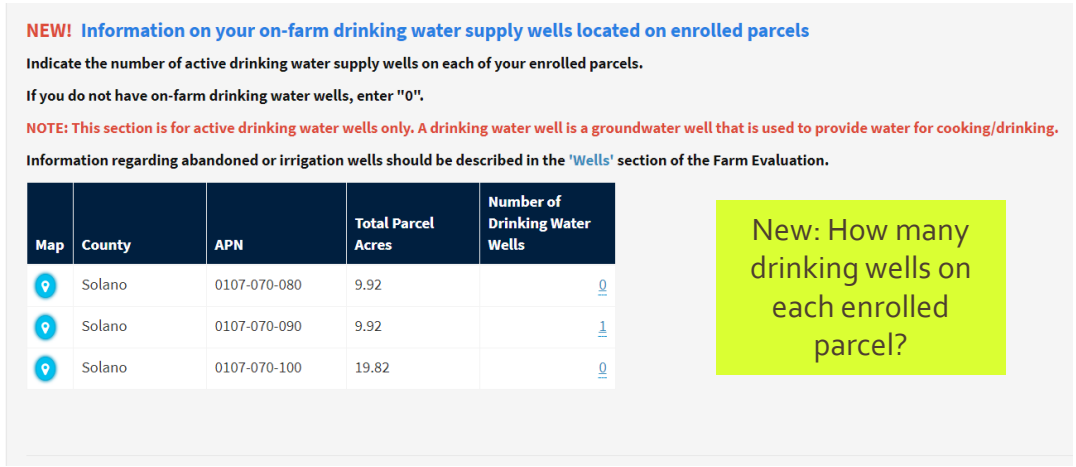

NITROGEN MANAGEMENT PLAN WORKSHEET

2020 Farm Reporting

Online DMT
Data Management Tool

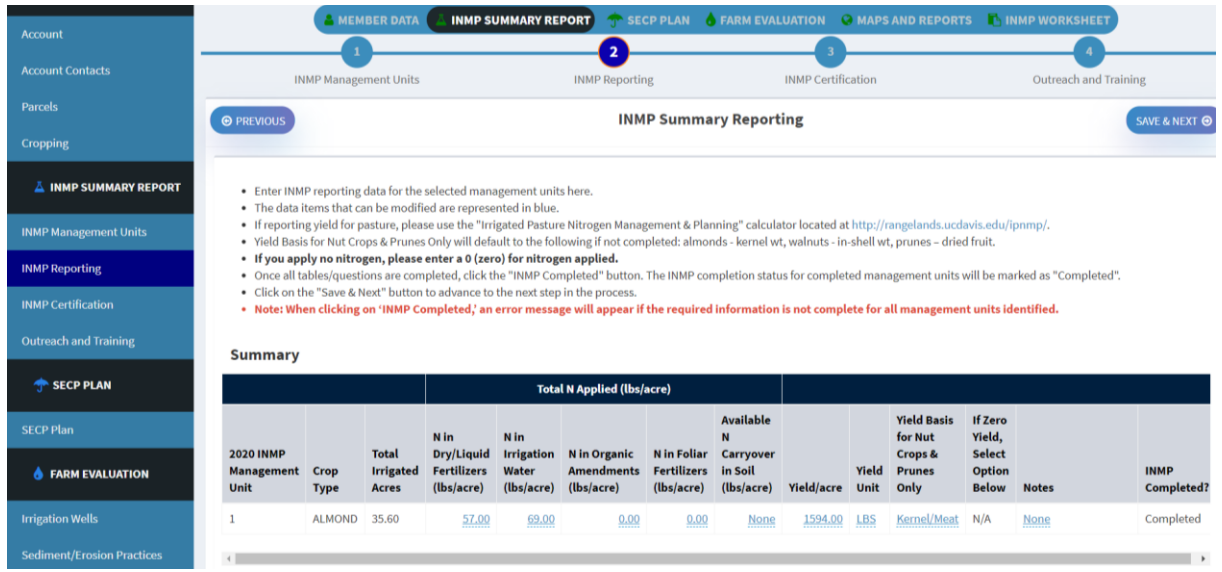


Farm Evaluation **Survey** required



New: How many drinking wells on each enrolled parcel?

New: INMPSR – Irrigation & Nitrogen Management Plan Summary Report – <u>All parcels</u> must complete this report



2020 Farm Reporting

Printed Report from the DMT- Crop Year 2020

Section 1 – Whole Farm Evaluation

Member Name: **Coaltion Member ID:**

1. Pesticide Application Practices:

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

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

Other: Office visit with Martha McKeen for farm reporting-Discussion of irrigation & nitrogen management and on-farm practices.

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

Section 2 – Irrigation Well and Abandoned Well Information

Member Name: **Coaltion Member ID:**

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

☑ Yes

Wellhead Protection Practices

Good Housekeeping Practices	Air Gap (for non-pressurized systems)	Backflow Preventive / Check Valve	Cement Pad
☑	☐	☐	☑

Abandoned Well Practices

Destroyed by licensed professional	Destroyed - unknown method	Notes

Section 3 – Sediment & Erosion Control Practices

Member Name: **Coaltion 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	☐			9.20
				8.60
				17.80

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: Drip	Micro Sprinkler	Furrow	Sprinkler	Border Strip	Flood	Drip	Secondary Irrigation Method: Micro Sprinkler	Furrow	Sprinkler	Border Strip	Flood
1	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

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	☐	☐	☑	☑	☐	☐	

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	☑	☑	☑	☑	☑	☐	☐	☐	

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 acknowlege your outlier status. ☑	☐ Certified INMP Specialist (e.g. certified crop adviser who has completed the CDFA training program) ☑ Self-Certified (CDFA training program) ☐ Self-Certified (follows NRCS or UC Cooperative Extension site-specific recommendations) ☐ Self-Certified (No fertilizers applied) ☐ 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	N in Dry/Liquid Fertilizers (lbs/acre)	Total N Applied (lbs/acre): N in Irrigation Water (lbs/acre)	N in Organic Amendments (lbs/acre)	N in Foliar Fertilizers (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
1	ALMOND	35.60	57.00	69.00	0.00	0.00		1594.00	LBS	Kernel/Meat	N/A		Completed

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: _____

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

IRRIGATION AND NITROGEN MANAGEMENT PLAN (INMP) WORKSHEET

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: Drip; Micro Sprinkler; Furrow; Sprinkler; Border Strip; Flood

Pre-Season Planning
2. Crop Evapotranspiration (ET, inches)
3. Anticipated Crop Irrigation (inches)
4. Irrigation Water N Concentration (ppm or mg/L, as NO3-N)

5. Irrigation Efficiency Practices* (Check all that apply)
- Laser Leveling
- Use of ET in scheduling irrigations
- Water application schedule to need
- Use of moisture probe (e.g. tensiometer)
- Soil Moisture Neutron Probe
- Pressure Bomb
- Other: _____
- Other: _____

HARVEST / YIELD INFORMATION

Harvest / Yield Information	Expected (A)	Actual (B)
6. Production Unit (lbs, tons, etc.)		
7. Harvested Yield*		

NITROGEN MANAGEMENT

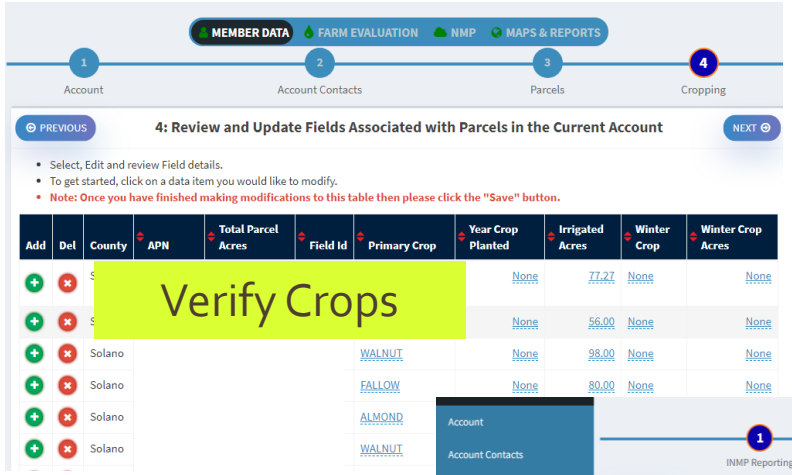
8. Nitrogen Efficiency Practices* (Check all that apply)	Nitrogen Sources	Recommended[1] / Planned N (A)	Actual N (B)
Split Fertilizer Applications	9. Soil – Available N in Root Zone (lbs/ac)		
Irrigation Water N Testing	10. N in Irrigation Water* (annualized, lbs/ac)		
Soil Testing	11. Organic Amendments* (Manure/Compost/Other, lbs/ac estimate)		
Tissue/Petiole Testing	12. Dry/Liquid Fertilizer N* (lbs/ac)		
Fertigation	13. Foliar Fertilizer N* (lbs/ac)		
Foliar N Application	14. TOTAL NITROGEN (lbs/ac)		
Cover Crops			
Variable Rate Applications using GPS			
Other: _____			
Other: _____			

[1] 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 Certifier Initials: ☐

2021 Farm Reporting

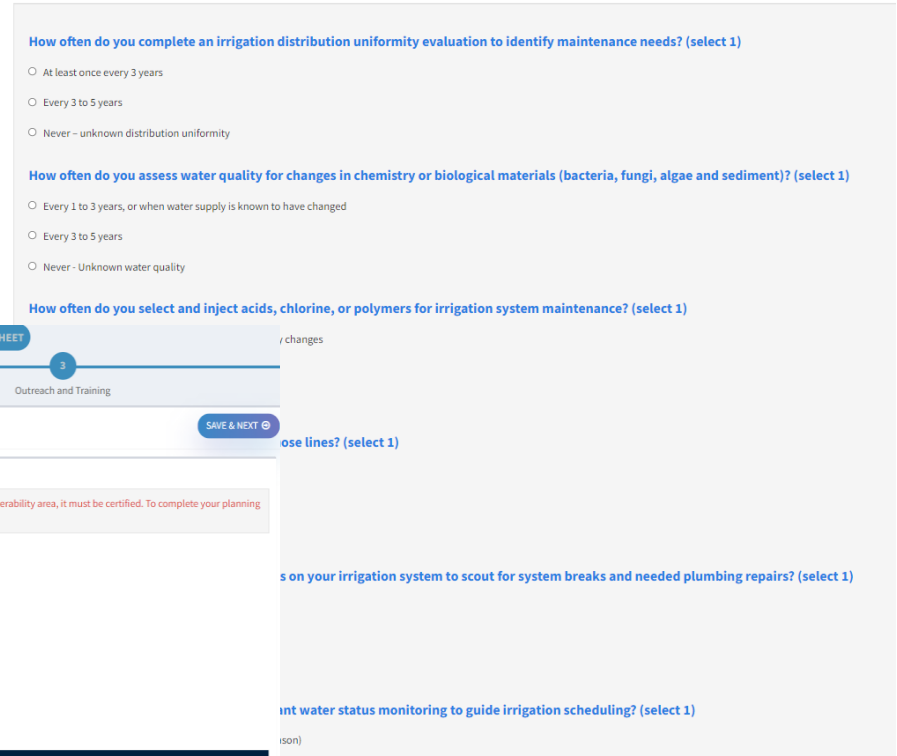
Online DMT
Data Management Tool



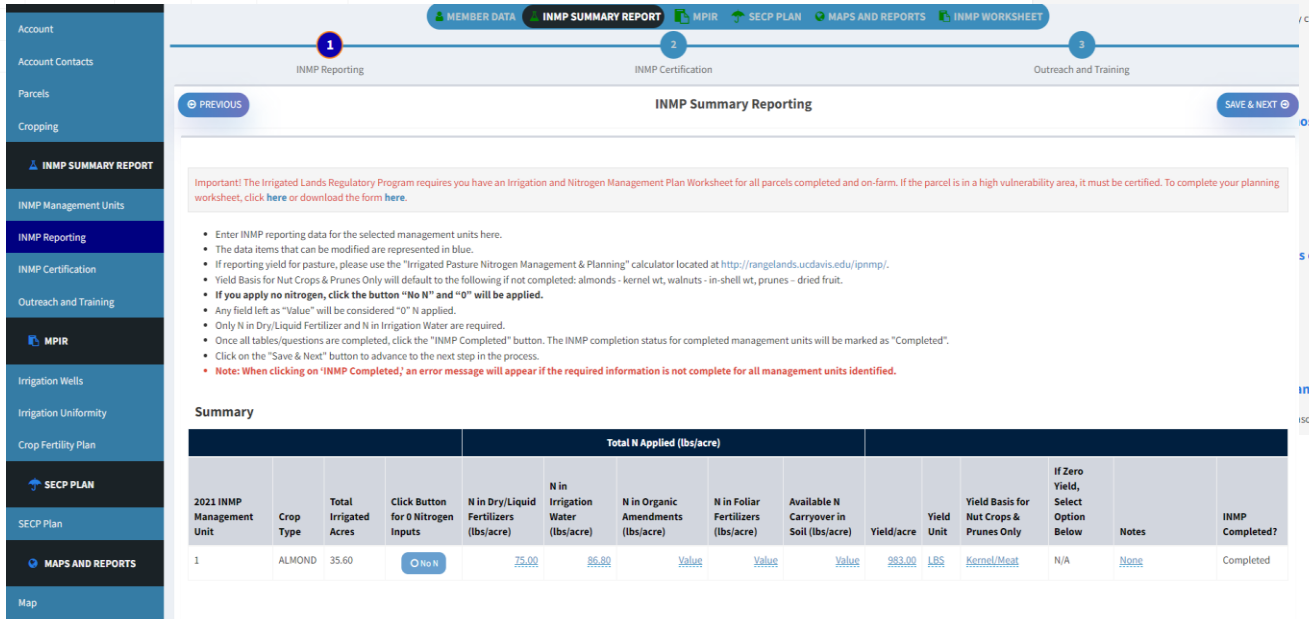
Verify Crops

No
Farm Evaluation
Survey
required

GW MPIR
Groundwater Management Practices Implementation Report



INMPSR – Irrigation & Nitrogen Management Plan Summary Report – <u>All parcels</u> must complete this report



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 acknowlege your outlier status. ☑	☐ Certified INMP Specialist (e.g. certified crop adviser who has completed the CDFA training program) ☑ Self-Certified (CDFA training program) ☐ Self-Certified (follows NRCS or UC Cooperative Extension site-specific recommendations) ☐ Self-Certified (No fertilizers applied) ☐ 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.

				Total N Applied (lbs/acre)										
2020 INMP Management Unit	Crop Type	Total Irrigated Acres	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)	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
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).

	Primary Irrigation Method							Secondary Irrigation Method				
2020 INMP Management Unit	Drip	Micro Sprinkler	Furrow	Sprinkler	Border Strip	Flood	Drip	Micro Sprinkler	Furrow	Sprinkler	Border Strip	Flood
1	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

	Irrigation Efficiency Practices						
2020 INMP Management Unit	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	☐	☐	☑	☑	☐	☐	

	Nitrogen Efficiency Practices								
2020 INMP Management Unit	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	☑	☑	☑	☑	☑	☐	☐	☐	

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 ETo, 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

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)	Pre-Season Planning	
Primary / Secondary: ☐ Drip; ☐ Micro Sprinkler; ☐ Furrow; ☐ Sprinkler; ☐ Border Strip; ☐ Flood	2. Crop Evapotranspiration (ET, inches)	
	3. Anticipated Crop Irrigation (inches)	
	4. Irrigation Water N Concentration (ppm or mg/L, as NO3-N)	

5. Irrigation Efficiency Practices* (Check all that apply)

☐ Laser Leveling; ☐ Use of ET in scheduling irrigations; ☐ Water application schedule to need; ☐ Use of moisture probe (e.g. tensiometer); ☐ Soil Moisture Neutron Probe; ☐ Pressure Bomb; ☐ Other _____; ☐ Other _____

HARVEST / YIELD INFORMATION

Harvest / Yield Information	Expected (A)	Actual (B)
6. Production Unit (lbs, tons, etc.)	7. Harvested Yield*	

NITROGEN MANAGEMENT

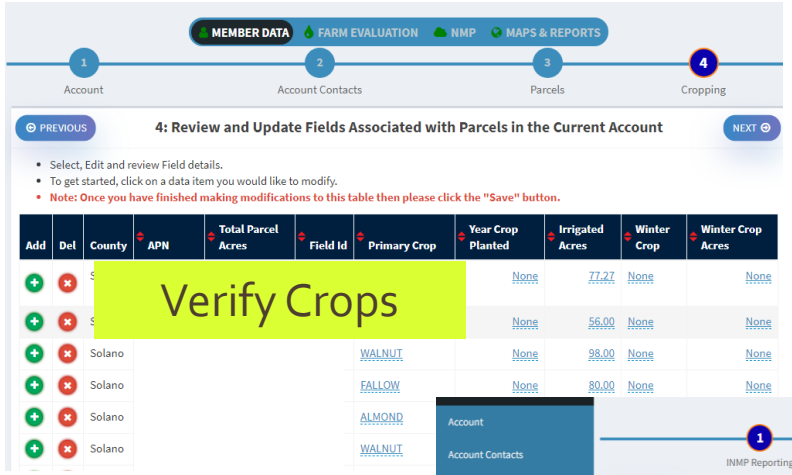
8. Nitrogen Efficiency Practices* (Check all that apply)	Nitrogen Sources	Recommended[1] / Planned N (A)	Actual N (B)
☐ Split Fertilizer Applications ☐ Irrigation Water N Testing ☐ Soil Testing ☐ Tissue/Petiole Testing ☐ Fertigation ☐ Foliar N Application ☐ Cover Crops ☐ Variable Rate Applications using GPS ☐ Other: _____ ☐ Other: _____	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)		

[1] A secondary irrigation system could be used for crop germination, frost protection, crop cooling, etc.
*(Must Track) Data to be reported to the Coalition on the INMP Summary Report; based on Actual Yield and Actual N.

Plan Certifier Initials: ☐

2022 Farm Reporting

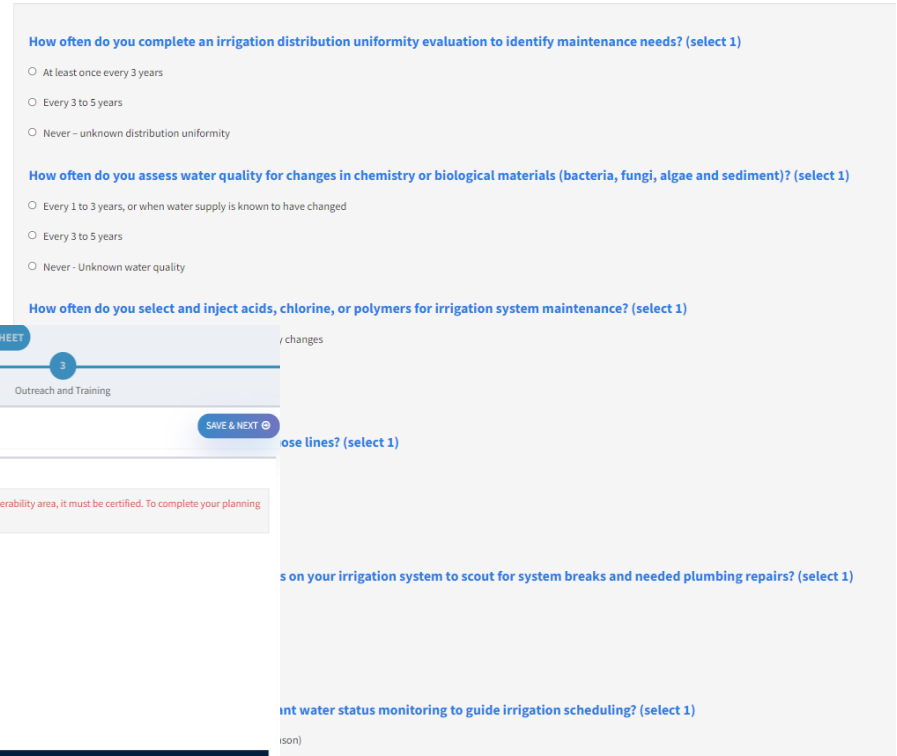
Online DMT
Data Management Tool



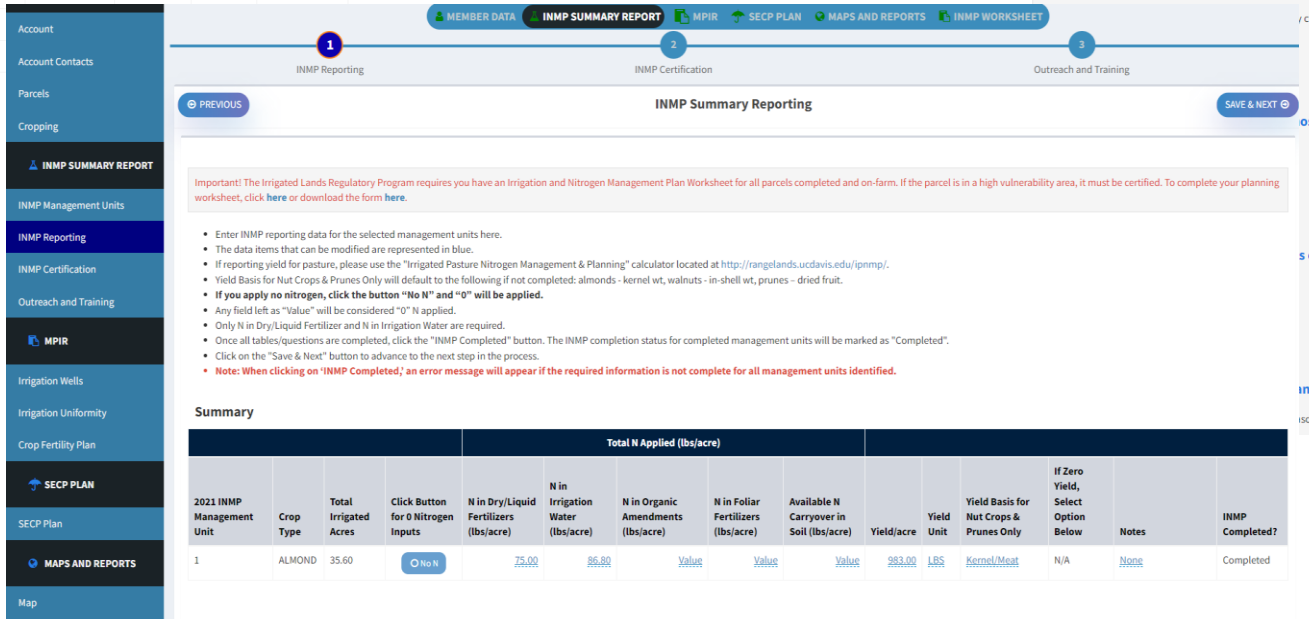
Verify Crops

No
Farm Evaluation
Survey
required

GW MPIR
Groundwater Management Practices Implementation Report



INMPSR –
Irrigation &
Nitrogen
Management Plan
Summary Report –
<u>All parcels</u> must
complete this
report



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 acknowlege your outlier status. ☑	☐ Certified INMP Specialist (e.g. certified crop adviser who has completed the CDFA training program) ☑ Self-Certified (CDFA training program) ☐ Self-Certified (follows NRCS or UC Cooperative Extension site-specific recommendations) ☐ Self-Certified (No fertilizers applied) ☐ 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.

				Total N Applied (lbs/acre)									
2020 INMP Management Unit	Crop Type	Total Irrigated Acres	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)	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
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).

	Primary Irrigation Method							Secondary Irrigation Method				
2020 INMP Management Unit	Drip	Micro Sprinkler	Furrow	Sprinkler	Border Strip	Flood	Drip	Micro Sprinkler	Furrow	Sprinkler	Border Strip	Flood
1	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

	Irrigation Efficiency Practices						
2020 INMP Management Unit	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	☐	☐	☑	☑	☐	☐	

	Nitrogen Efficiency Practices								
2020 INMP Management Unit	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	☑	☑	☑	☑	☑	☐	☐	☐	

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 ETo, 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

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)	Pre-Season Planning	
Primary / Secondary: ☐ Drip; ☐ Micro Sprinkler; ☐ Furrow; ☐ Sprinkler; ☐ Border Strip; ☐ Flood	2. Crop Evapotranspiration (ET, inches)	
	3. Anticipated Crop Irrigation (inches)	
	4. Irrigation Water N Concentration (ppm or mg/L, as NO3-N)	

5. Irrigation Efficiency Practices* (Check all that apply)

☐ Laser Leveling; ☐ Use of ET in scheduling irrigations; ☐ Water application schedule to need; ☐ Use of moisture probe (e.g. tensiometer); ☐ Soil Moisture Neutron Probe; ☐ Pressure Bomb; ☐ Other _____; ☐ 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)	Nitrogen Sources	Recommended[1] / Planned N (A)	Actual N (B)
☐ Split Fertilizer Applications ☐ Irrigation Water N Testing ☐ Soil Testing ☐ Tissue/Petiole Testing ☐ Fertigation ☐ Foliar N Application ☐ Cover Crops ☐ Variable Rate Applications using GPS ☐ Other: _____ ☐ Other: _____	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)		

[1] A secondary irrigation system could be used for crop germination, frost protection, crop cooling, etc.
*(Must Track) Data to be reported to the Coalition on the INMP Summary Report; based on Actual Yield and Actual N.

Plan Certifier Initials: ☐

Questions?

Contact:

Martha McKeen (707) 678-1655 x103