

NMP Summary Report Instructions

Refer to your completed NMP Worksheet(s) to enter values into the NMP Summary Report (Form #3 & #4)

Step 1: Fill out Form #3

- **Management Unit:** Provide a Management Unit name for the parcel(s) you are reporting. This can be the same as the Assessor Parcel Number(s) or another name of your choice. *NOTE: Use a separate Management Unit name for each certified NMP Worksheet you completed. Multiple parcels can be a part of a single Management Unit if they are the same crop and have the same nitrogen application rates.*
- **Specific Crop:** Record your crop using one of the Specific Crop names from the list in Form #5. *It is important to use these names since the variety or production type can result in substantial differences in yield.*
- **Age:** For perennial crops only, insert the Crop age.
- **Irrigated Acres:** Enter the irrigated acreage for each parcel from box #10 of the NMP worksheet on Form #3.
- **Comments:** Record if any Management Unit experienced drought, pests, or salt stress, or were not harvested due to economic reasons. Please include any additional information pertaining to the 2017 harvest you think would be helpful.

Step 2: Fill out Form #4

- **Year Crop Harvested:** Fill in the Crop Year from Box #1 of your NMP Worksheet.
- **Member ID:** Fill in your Member ID from Box #2 of the NMP Worksheet (this information is for Coalition tracking purposes ONLY).
- **Submittal Date/ Forms Completed By:** Enter the date that you are filling out Form #4 and your name (this information is for Coalition tracking purposes ONLY).
- **Management Unit:** Record each Management Unit name from Form #3. Each Management Unit only needs to be recorded once on Form #4.
- **Total Irrigated Acres:** Sum the total irrigated acreage from all parcels associated with each Management Unit (see Form #2 for an example).
- **Crop:** Record the Specific Crop associated with each Management Unit from Form #3.
- **Total Available N Applied:** add the ACTUAL Total Available N Applied (Box #22) + the N in Irrigation Water (Box #25) values from your NMP Worksheet (see Form #2 for an example).
- **Actual Yield:** *Optional – this column was added to assist you with required A/Y calculations.* Enter your actual crop yield (Box #11) in pounds or tons per acre (see Form #2 for an example).
- **A/Y:** Divide the Total Available N Applied per acre (Box #22 + Box #25) by the Actual Yield per acre (Box #11) (see Form #2 for an example).
- **Production Unit:** Fill in the production unit from your NMP Worksheet (Box #7). Pounds or tons are the preferred production units. To convert to pounds, refer to the list of production units on Form #5.
- **Additional Yield Info for Almonds:** For almonds, we need additional information to properly calculate the nitrogen uptake of the crops. Please indicate if your yield is reported as kernels only (meat weight) or as kernels, shells, and hulls (field weight). Yields reported in pounds of kernels for almonds are preferred.

FORM #2

NITROGEN MANAGEMENT PLAN WORKSHEET

NMP Management Unit: Mature Almonds

Crop Year (Harvested): 2019

2. Member ID#: 1000

3. Name: _____

4. APN(s):	5. Field(s) ID	Acres
<u>000-001-001</u>		<u>3</u>

CROP NITROGEN MANAGEMENT PLANNING		15. Recommended/Planned N	16. Actual N
6. Crop: <u>Almonds</u>	17. Nitrogen Fertilizers		
7. Production Unit: <u>Pounds</u>	18. Dry/Liquid N (lbs/ac)	<u>120</u>	<u>90</u>
8. Projected Yield (Units/Acre): <u>2000</u>	19. Foliar N (lbs/ac)	<u>0</u>	<u>0</u>
9. N Recommended (lbs/ac): <u>130</u>	20. Organic Material N		
10. Acres: <u>3</u>	21. Available N in Manure/Compost (lbs/ac estimate)	<u>0</u>	<u>0</u>
Post Production Actuals			
11. Actual Yield (Units/Acre): <u>1800</u>	22. Total Available N Applied (lbs per acre)	<u>120</u>	<u>90</u>
12. Total N Applied (lbs/ac): <u>100</u>	23. Nitrogen Credits (est)		
13. ** N Removed (lbs N/ac)	24. Available N carryover in soil; (annualized lbs/acre)	<u>0</u>	<u>0</u>
14. Notes:	25. N in Irrigation water (annualized, lbs/ac)	<u>10</u>	<u>10</u>
	26. Total N Credits (lbs per acre)	<u>10</u>	<u>10</u>
	27. Total N Applied & Available	<u>130</u>	<u>90</u>
PLAN CERTIFICATION			
28. CERTIFIED BY:	29. CERTIFICATION METHOD		
DATE:	30. Low Vulnerability Area, No Certification Needed		
	31. Self-Certified, approved training program attended		
	32. Self-Certified, UC or NRCS site recommendation		
	33. Nitrogen Management Plan Specialist		

Parcel Information

EXAMPLE

MANAGEMENT UNIT PARCEL INVENTORY

FORM #3

Management Unit	Not Farmed*	APN	County	Specific Crop	(Perennial) Age	Irrigated Acres
Young Almonds	<input type="checkbox"/>	002-051-017	Stanislaus	Almonds	2	10
Young Almonds	<input type="checkbox"/>	063-025-007	Stanislaus	Almonds	2	5
Mature Almonds	<input type="checkbox"/>	000-001-001	Stanislaus	Almonds	10	3
Tomatoes	<input type="checkbox"/>	010-011-002	Stanislaus	Tomatoes, Processing	--	2
Walnuts by River	<input type="checkbox"/>	074-001-001	Stanislaus	Walnuts	12	5
Walnuts by River	<input type="checkbox"/>	015-015-079	Stanislaus	Walnuts	15	5

NMP Summary Report – 2019 Crop Year

FORM #4

Refer to your Nitrogen Management Plan for information to complete this form¹

Year Crop Harvested (Box 1): 2019 Member ID (Box 2): 1000

Submittal Date: 1/1/2020 Forms Completed By: John Doe

Management Unit	Crop	Total Irrigated Acres	(A) Total Available N Applied Lbs/acre	(Y) Actual Yield Lbs/acre	A/Y Total Available N / Gross Yield	Production Unit Pounds or Tons	Yield Info
Refer to Form #3	Form #5	Box 10	Box 22 + Box 25	Box 11	(Box 22+25)/Box 11	Box 7	Form #1
	See Crop Specifics Form		No N Applied = 0	Not Required ² Gross Weight ³	No Yield = NY Non Bearing = NB	See Production Unit Conversion Sheet	Kernels or Wet Weight for some crops.
Young Almonds	Almonds/YR ²	15	20	0	NB	Pounds	--
Mature Almonds	Almonds/YR ⁴	3	100	1800	0.0556	Pounds	Meat Weight
Tomatoes	Tomatoes, Processing	2	130	45	2.889	Tons	--
Walnuts	Walnuts/YR ⁴	10	200	4100	0.0488	Pounds	--

Total N Applied (A): 90 + 10 = 100 lbs/acre

Yield (Y): 1,800 pounds/acre

A/Y = 100 ÷ 1,800 = 0.0556

2019 Nitrogen Management Plan Summary Report

MANAGEMENT UNIT PARCEL INVENTORY

FORM #3

Member ID_____ and Contact

Parcels requiring a 2019 NMP Summary Report due to groundwater vulnerability are listed below. If you returned an NMP Summary Report for 2018, the Management Unit, Specific Crop type, and the acreage will be prepopulated. Re-group Management Units, APNs, or parcels as needed. "Management Unit" is a description or name given to a group of property with the same crop and N management. You may use the Assessor Parcel Number (APN) as a descriptor of the Site Location or Management Unit.

(See **Form #2** example sheet.)

If you do not apply nitrogen fertilizer to your fields these forms are still required to be returned. Simply fill in the crop type, acreage, and on **Form #4** put zero for nitrogen applied. If you are willing to provide the yield per acre that would be helpful to show how much nitrogen you are removing from the soil.

Forms may be submitted online using the Member Web Portal at <http://sjdeltamemberlogin.com>.

If APNs are leased by other farmers, it is the sole responsibility of the member to make sure this information is provided.

Management Unit	Not Farmed *	APN	County	Specific Crop	(Perennial) Age	Irrigated Acres
	<input type="checkbox"/>					
	<input type="checkbox"/>					
	<input type="checkbox"/>					
	<input type="checkbox"/>					
	<input type="checkbox"/>					
	<input type="checkbox"/>					

*Not Farmed refers to Fallow, Open, or fields that were not in production in 2019.

Comments¹:

¹Please note if any management units experienced drought, pest, or salt stress. If fields were not harvested due to economic stress please indicate here. Any additional information pertaining to the 2018 harvest you think would be helpful please include.

Return this form to SJCDWQC

Return via mail: 1480 Drew Avenue, Suite 130, Davis CA 95618

NMP assistance: (209) 851-4204 or survey@sjdeltawatersjed.org

If you are interested in filling out the forms electronically please see Member Portal information above. Email members@sjdeltawatershed.org for log in information.

2019 Nitrogen Management Plan Summary Report

FORM #5

ANNUAL – CROP SPECIFICS

Specific Crop	Production Unit (lbs)
ALFALFA, HAY	Bale (Variable lbs)
ALFALFA, HAYLAGE	Bale (Variable lbs)
BASIL	Pounds
BEANS, DRY	Sack (60 lbs)
BEANS, DRY, BLACK-EYED	Bushel (60 lbs)
BEANS, DRY, GARBANZO	Pounds
BEANS, DRY, LIMA	Bushel (56 lbs)
BEANS, GREEN	Bushel
BEETS	Crate (38 lbs)
BOK CHOY	Crate (50-60 lbs)
BROCCOLI	Carton (23 lbs)
CABBAGE	Bag (50 lbs)
CARROT	Crate (50 lbs)
CELERY	Carton (60 lbs)
CHARD	Pounds
CILANTRO	Pounds
CORN, GRAIN	Bushel (70 lbs)
CORN, SILAGE	Ton (2000 lbs)
CORN, SWEET	Carton (50 lbs)
COTTON	Bale (500 lbs)
COTTON, PIMA	Bale (500 lbs)
COTTON, UPLAND	Bale (500 lbs)
CUCUMBERS	Carton (55 lbs)
DANDELION	Pounds
EGGPLANT	Carton (33 lbs)
FORAGE GRASS ¹ , FORAGE	Pounds
FORAGE GRASS ¹ , HAY	Bale (Variable lbs)
FORAGE GRASS ¹ , SILAGE	Bale (Variable lbs)
GARLIC	Carton (30 lbs)
GREENS, COLLARD	Pounds
HERBS, FRESH CUT	Pounds
KALE	Carton (25 lbs)
LEEKS	4/5 Bushel Crate (20 lbs)
LETTUCE	Carton (50 lbs)
MELONS, CANTALOUPE	Crate (40 lbs)
MELONS, HONEYDEW	2/3 Carton (30 lbs)
MELONS, WATERMELON	Carton/Bin (85/1,050 lbs)
MUSTARD, GREENS	Pounds
OATS, FORAGE	Pounds
OATS, GRAIN	Bushel (32 lbs)
OATS, GREENCHOP	Ton (2000 lbs)
OATS, HAY	Bale (Variable lbs)
OATS, SILAGE	Ton (2000 lbs)
OATS, STRAW	Bale (Variable lbs)

Specific Crop	Production Unit (lbs)
ONIONS, BULB	Sack (50 lbs)
ONIONS, GREEN	Carton (13 lbs)
PARSLEY	5-Dozen Bunches (20-25 lbs)
PEAS, GREEN	Bushel (28-30 lbs)
PEPPERS, BELL	Pounds
PEPPERS, CHILE	Pounds
POTATOES	Carton (100 lbs)
PUMPKINS	Pounds
RADISHES	Carton of 30 (11-12 lbs)
RICE	Bushel/Bag (45/100 lbs)
SAFFLOWER	Pounds
SMALL GRAIN ² (EXCL WHEAT AND OATS), FORAGE	Pounds
SMALL GRAIN ² (EXCL WHEAT AND OATS), GRAIN	Pounds
SMALL GRAIN ² (EXCL WHEAT AND OATS), GREENCHOP	Ton (2000 lbs)
SMALL GRAIN ² (EXCL WHEAT AND OATS), HAY	Bale (Variable lbs)
SMALL GRAIN ² (EXCL WHEAT AND OATS), SILAGE	Ton (2000 lbs)
SMALL GRAIN ² (EXCL WHEAT AND OATS), STRAW	Bale (Variable lbs)
SORGHUM/SUDAN, FORAGE	Pounds
SORGHUM/SUDAN, GRAIN	Bushel (56 lbs)
SORGHUM/SUDAN, GREENCHOP	Ton (2000 lbs)
SORGHUM/SUDAN, HAY	Bale (Variable lbs)
SORGHUM/SUDAN, SILAGE	Ton (2000 lbs)
SORGHUM/SUDAN, STRAW	Bale (Variable lbs)
SPINACH	Bushel (25 lbs)
SQUASH, SUMMER	Pounds
SQUASH, WINTER	Pounds
STRAWBERRIES	12, 1-pint (12 lbs)
SWEET POTATOES	Carton (40 lbs)
TOMATOES, FRESH MARKET	Carton (25 lbs)
TOMATOES, PROCESSING	Pounds
TURNIPS	Sack (25 lbs)
WHEAT, FORAGE	Pounds
WHEAT, GRAIN	Bushel (60 lbs)
WHEAT, GREENCHOP	Ton (2000 lbs)
WHEAT, HAY	Bale (Variable lbs)
WHEAT, SILAGE	Ton (2000 lbs)
WHEAT, STRAW	Bale (Variable lbs)

¹ Forage grass crops include orchard grass, fescue, and wild grass or stover.

² Small grain crops include barley, rye, triticale, and teff.

2019 Nitrogen Management Plan Summary Report

PERENNIAL – CROP SPECIFICS

Specific Crop	Production Unit
ALMONDS /YEAR > 4	Pounds of Kernels
ALMONDS /YEAR 1	Pounds of Kernels
ALMONDS /YEAR 2	Pounds of Kernels
ALMONDS /YEAR 3	Pounds of Kernels
ALMONDS /YEAR 4	Pounds of Kernels
APPLES /YEAR > 4	Ton (2000 lbs)
APPLES /YEAR 1	Ton (2000 lbs)
APPLES /YEAR 2	Ton (2000 lbs)
APPLES /YEAR 3	Ton (2000 lbs)
APPLES /YEAR 4	Ton (2000 lbs)
APRICOTS /YEAR > 4	Lug Box (24 lbs)
APRICOTS /YEAR 1	Lug Box (24 lbs)
APRICOTS /YEAR 2	Lug Box (24 lbs)
APRICOTS /YEAR 3	Lug Box (24 lbs)
APRICOTS /YEAR 4	Lug Box (24 lbs)
ASPARAGUS	Crate (30 lbs)
BERRY, BLACKBERRY /YEAR > 3	12, 1/2-pint baskets (6 lbs)
BERRY, BLACKBERRY /YEAR 1	12, 1/2-pint baskets (6 lbs)
BERRY, BLACKBERRY /YEAR 2	12, 1/2-pint baskets (6 lbs)
BERRY, BLACKBERRY /YEAR 3	12, 1/2-pint baskets (6 lbs)
BERRY, BLUEBERRY /YEAR > 3	12, 1/2-pint baskets (6 lbs)
BERRY, BLUEBERRY /YEAR 1	12, 1/2-pint baskets (6 lbs)
BERRY, BLUEBERRY /YEAR 2	12, 1/2-pint baskets (6 lbs)
BERRY, BLUEBERRY /YEAR 3	12, 1/2-pint baskets (6 lbs)
BERRY, RASPBERRIES /YEAR > 3	12, 1/2-pint baskets (6 lbs)
BERRY, RASPBERRIES /YEAR 1	12, 1/2-pint baskets (6 lbs)
BERRY, RASPBERRIES /YEAR 2	12, 1/2-pint baskets (6 lbs)
BERRY, RASPBERRIES /YEAR 3	12, 1/2-pint baskets (6 lbs)
CHERRY /YEAR > 4	Lug Box (18 lbs)
CHERRY /YEAR 1	Lug Box (18 lbs)
CHERRY /YEAR 2	Lug Box (18 lbs)
CHERRY /YEAR 3	Lug Box (18 lbs)
CHERRY /YEAR 4	Lug Box (18 lbs)
CHESTNUTS /YEAR > 4	Bag (25 lbs)
CHESTNUTS /YEAR 1	Bag (25 lbs)
CHESTNUTS /YEAR 2	Bag (25 lbs)
CHESTNUTS /YEAR 3	Bag (25 lbs)
CHESTNUTS /YEAR 4	Bag (25 lbs)
CITRUS, MANDARINS /YEAR > 4	Carton (40 lbs)
CITRUS, MANDARINS /YEAR 1	Carton (40 lbs)
CITRUS, MANDARINS /YEAR 2	Carton (40 lbs)
CITRUS, MANDARINS /YEAR 3	Carton (40 lbs)
CITRUS, MANDARINS /YEAR 4	Carton (40 lbs)
GRAPES, RAISINS /YEAR > 4	Dry Ton (2000 lbs)
GRAPES, RAISINS /YEAR 1	Dry Ton (2000 lbs)
GRAPES, RAISINS /YEAR 2	Dry Ton (2000 lbs)
GRAPES, RAISINS /YEAR 3	Dry Ton (2000 lbs)
GRAPES, RAISINS /YEAR 4	Dry Ton (2000 lbs)
GRAPES, TABLE /YEAR > 4	Lug Box (28 lbs)
GRAPES, TABLE /YEAR 1	Lug Box (28 lbs)
GRAPES, TABLE /YEAR 2	Lug Box (28 lbs)
GRAPES, TABLE /YEAR 3	Lug Box (28 lbs)
GRAPES, TABLE /YEAR 4	Lug Box (28 lbs)
GRAPES, WINE /YEAR > 4	Lug Box (28 lbs)
GRAPES, WINE /YEAR 1	Lug Box (28 lbs)
GRAPES, WINE /YEAR 2	Lug Box (28 lbs)
GRAPES, WINE /YEAR 3	Lug Box (28 lbs)
GRAPES, WINE /YEAR 4	Lug Box (28 lbs)
HERBS, FRESH CUT	Pounds
JUJUBE /YEAR > 4	Pounds

Specific Crop	Production Unit
JUJUBE /YEAR 1	Pounds
JUJUBE /YEAR 2	Pounds
JUJUBE /YEAR 3	Pounds
JUJUBE /YEAR 4	Pounds
KIWIFRUIT /YEAR > 4	Flat (4-6 lbs)
KIWIFRUIT /YEAR 1	Flat (4-6 lbs)
KIWIFRUIT /YEAR 2	Flat (4-6 lbs)
KIWIFRUIT /YEAR 3	Flat (4-6 lbs)
KIWIFRUIT /YEAR 4	Flat (4-6 lbs)
NECTARINES /YEAR > 4	Carton (25 lbs)
NECTARINES /YEAR 1	Carton (25 lbs)
NECTARINES /YEAR 2	Carton (25 lbs)
NECTARINES /YEAR 3	Carton (25 lbs)
NECTARINES /YEAR 4	Carton (25 lbs)
OLIVES /YEAR > 4	Lug Box (25-30 lbs)
OLIVES /YEAR 1	Lug Box (25-30 lbs)
OLIVES /YEAR 2	Lug Box (25-30 lbs)
OLIVES /YEAR 3	Lug Box (25-30 lbs)
OLIVES /YEAR 4	Lug Box (25-30 lbs)
PEACHES, FRESH MARKET /YEAR > 4	Carton (38 lbs)
PEACHES, FRESH MARKET /YEAR 1	Carton (38 lbs)
PEACHES, FRESH MARKET /YEAR 2	Carton (38 lbs)
PEACHES, FRESH MARKET /YEAR 3	Carton (38 lbs)
PEACHES, FRESH MARKET /YEAR 4	Carton (38 lbs)
PEACHES, PROCESSING /YEAR > 4	Carton (38 lbs)
PEACHES, PROCESSING /YEAR 1	Carton (38 lbs)
PEACHES, PROCESSING /YEAR 2	Carton (38 lbs)
PEACHES, PROCESSING /YEAR 3	Carton (38 lbs)
PEACHES, PROCESSING /YEAR 4	Carton (38 lbs)
PECANS /YEAR > 4	Pounds
PECANS /YEAR 1	Pounds
PECANS /YEAR 2	Pounds
PECANS /YEAR 3	Pounds
PECANS /YEAR 4	Pounds
PERSIMMONS /YEAR > 4	2 layer tray pack (20-25 lbs)
PERSIMMONS /YEAR 1	2 layer tray pack (20-25 lbs)
PERSIMMONS /YEAR 2	2 layer tray pack (20-25 lbs)
PERSIMMONS /YEAR 3	2 layer tray pack (20-25 lbs)
PERSIMMONS /YEAR 4	2 layer tray pack (20-25 lbs)
PISTACHIOS /YEAR > 4	Pounds
PISTACHIOS /YEAR 1	Pounds
PISTACHIOS /YEAR 2	Pounds
PISTACHIOS /YEAR 3	Pounds
PISTACHIOS /YEAR 4	Pounds
PLUMS /YEAR > 4	1/2-bushel carton (28 lbs)
PLUMS /YEAR 1	1/2-bushel carton (28 lbs)
PLUMS /YEAR 2	1/2-bushel carton (28 lbs)
PLUMS /YEAR 3	1/2-bushel carton (28 lbs)
PLUMS /YEAR 4	1/2-bushel carton (28 lbs)
POMEGRANATES /YEAR > 4	2 Layer Carton (22 lbs)
POMEGRANATES /YEAR 1	2 Layer Carton (22 lbs)
POMEGRANATES /YEAR 2	2 Layer Carton (22 lbs)
POMEGRANATES /YEAR 3	2 Layer Carton (22 lbs)
POMEGRANATES /YEAR 4	2 Layer Carton (22 lbs)
WALNUTS /YEAR > 4	Sack (50 lbs)
WALNUTS /YEAR 1	Sack (50 lbs)
WALNUTS /YEAR 2	Sack (50 lbs)
WALNUTS /YEAR 3	Sack (50 lbs)
WALNUTS /YEAR 4	Sack (50 lbs)

2019 Nitrogen Management Plan Summary Report