

# NITROGEN MANAGEMENT PLAN (NMP) SUMMARY REPORT INSTRUCTIONS

Refer to the NMP you have completed and enter figures into the NMP Summary Report (Form #4)

1. Fill in the Crop Year from box #1, your Member ID from box #2 and your name from box #3 of the NMP template. (This information is for Coalition tracking purposes ONLY.)
2. Enter the date that you are filling out your NMP Summary Report (Form #4) in the space for Submittal Date.
3. Fill in the Site Location Information for the parcel(s) you are reporting. This can be the actual Assessor Parcel Number(s) or management unit(s). See Management Unit Parcel Inventory (Form #3).  
*NOTE: Include information from each certified NMP you completed on a separate line of NMP Summary Report (Form #4). Each NMP is based on similar crop and nitrogen use rates.*
4. Enter Crop from box #6 in the NMP Template onto the Management Unit Parcel Inventory (Form #3) in the "Crop" column if it is not already filled out. Use the Crop Specifics Sheet (Form #5) to record the associated crop specific code. It is important to use the code in the Crop Specifics Sheet (there is a sheet for Annuals and Perennials). Enter crop specifics from Form #3 onto the NMP Summary Report "Crop" column. (Form #4)
5. Enter total irrigated acres for each parcel (or management unit) from box #10.
6. Enter Total Available N Applied (pounds per acre) from row #22, column #16 + N in Irrigation Water (pounds per acre) from row #25, column #16 in the NMP Template onto the NMP Summary Report.
7. For A/Y (applied over yield) divide the Total Available N Applied (calculated above) by the Actual Yield ([box #22 + box #25] ÷ box #11). All calculations are on a per acre basis. Actual Yield is the gross weight of crop that is removed from a field divided by the number of acres. There may be cases where there is no yield during the reporting period because the crop has not been harvested yet or the crop is in a nonbearing year. **If there is No Yield, use the code NY. If the crop is Non Bearing, use the code NB.**
8. Fill in the production unit (box #7) for the yield reporting unit from the Crop Specifics Sheet (Form #5). Pounds is the preferred production unit.

### NITROGEN MANAGEMENT PLAN WORKSHEET

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

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

Site Location Information

CROP NITROGEN MANAGEMENT PLANNING	N APPLICATIONS/CREDITS	15. Recommended/Planned N	16. Actual N
6. Crop	17. Nitrogen Fertilizers		
7. Production Unit	18. Dry/Liquid N (lbs/ac)		
8. Projected Yield (Units/Acre)	19. Foliar N (lbs/ac)		
9. N Recommended (lbs/ac)	20. Organic Material N		
10. Total Irrigated Acres	21. Available N in Manure/Compost (lbs/ac estimate)		
<b>Post Production Actuals</b>			
11. Actual Yield (Units/Acre)	22. Total Available N Applied (lbs per acre)		
12. Total N Applied (lbs/ac)	23. Nitrogen Credits (est)		
13. ** N Removed (lbs/Nac)	24. Available N carryover in soil: (annualized lbs/acre)		
14. Notes:	25. N in Irrigation water (annualized, lbs/ac)		
	26. Total N Credits (lbs per acre)		
	27. Total N Applied & Available		

Nitrogen Removed to be provided by your Coalition

**MANAGEMENT UNIT PARCEL INVENTORY**

Management Unit	APN	County	Crop	Specific Crop	Irrigated Acres
Young Almonds	002-051-017	Stanislaus	Almonds	Almonds/Year 1	10
	063-025-007	Stanislaus	Almonds		5
APN 000-001-001	000-001-001	Stanislaus	Almonds/Peaches	Almonds/Year>4	3
APN 000-001-001	000-001-001	Stanislaus	Almonds/Peaches	Peaches/Year>4	2
Walnuts by River	010-011-002	Stanislaus	Walnuts	Walnuts/Year >4	5
	074-001-001	Stanislaus	Walnuts		5
	015-015-079	Stanislaus	Walnuts		5

5+5+5=15 irrigated acres

**NITROGEN MANAGEMENT PLAN WORKSHEET**  
 NMP Management Unit: YOUNG ALMONDS

1. Crop Year (Harvested): 2015

2. Member ID# 9999

3. Name: JOHN DOE

4. APN(s)	5. Field(s) ID	Acres
002-051-017	N/A	10
063-025-007	N/A	5

CROP NITROGEN MANAGEMENT PLANNING	N APPLICATIONS/CREDITS	15. Recommended/Planned N	16. Actual N
6. Crop <u>Almonds</u>	17. Nitrogen Fertilizers		
7. Production Unit <u>1 lb</u>	18. Dry/Liquid N (lbs/ac)	200 lbs/acre	194 lbs/acre
8. Projected Yield (lbs/Acre) <u>2000 lbs/acre</u>	19. Foliar N (lbs/ac)	0	0
9. N Recommended (lbs/ac) <u>2000 lbs/acre</u>	20. Organic Material N		
10. Total Irrigated Acres <u>15</u>	21. Available N in Manure/Compost (lbs/ac estimate)	0	0
Post Production Actuals	22. Total Available N Applied (lbs per acre)	200 lbs/acre	194 lbs/acre
11. Actual Yield (lbs/Acre) <u>2000 lbs/acre</u>	23. Nitrogen Credits (est)		
12. Total N Applied (lbs/ac) <u>194 lbs/acre</u>	24. Available N carryover in soil: (annualized lbs/acre)	n/a	n/a
13. ** N Removed (lbs/ac) <u>772</u>	25. N in Irrigation water (annualized, lbs/ac)	n/a	n/a
14. Notes:	26. Total N Credits (lbs per acre)	n/a	n/a
	27. Total N Applied & Available	200 lbs/acre	194 lbs/acre

28. CERTIFIED BY: \_\_\_\_\_

29. CERTIFICATION METHOD \_\_\_\_\_

DATE: \_\_\_\_\_



Total N Applied (A): 194 + 0 = 194 lbs/acre

Yield (Y): 2,000 pounds

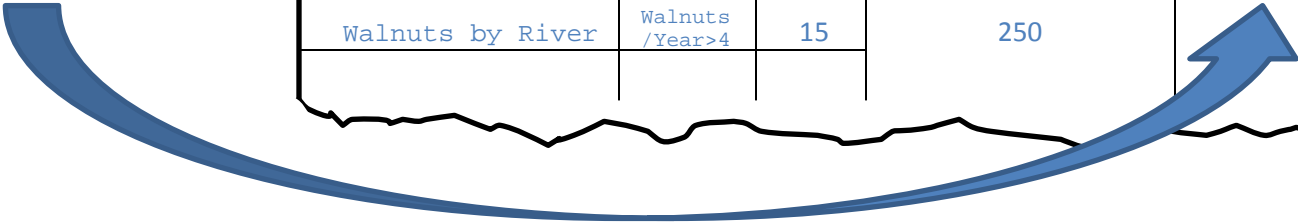
A/Y = 194 ÷ 2,000 = 0.097

**NMP Summary Report – 2015 Crop Year**

Year Crop Harvested (Box 1): 2015      Submittal Date: 1/1/2016

Member ID (Box 2): 1000      Member Name (Box 3): John Doe

Site Location Information <sup>1</sup>	Crop	Total Acres	Total Available N Applied pounds per acre	A/Y Total Available N / Actual Yield <sup>2</sup>	Production Unit <sup>3</sup>
Management Unit	Box 6	Box 10	Box 22 + Box 25	(Box 22+25)/Box 11	Box 7
Young Almonds	Almonds /Year1	15	194	.097	Pounds
APN 000-001-001	Almonds /Year>4	3	100	.083	Pounds
APN 000-001-001	Peaches /Year>4	2	100	.083	Pounds
Walnuts by River	Walnuts /Year>4	15	250	.063	Pounds



# MANAGEMENT UNIT PARCEL INVENTORY

List or group your APNs or parcels as needed by crop. "Management Unit" is the description or name given to the property listed on the sheet as a group. You can also use the Assessor Parcel Number (APN) as a descriptor of the Site Location or Management Unit.

If you need a list of high vulnerability parcels contact us at [contactesj@esjcoalition.org](mailto:contactesj@esjcoalition.org) or at (209)846-6112.

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

## East San Joaquin High Vulnerability Area Parcels Requiring Nitrogen Management Plan Summary Report

Management Unit	APN and County	Crop	Specific Crop*	Irrigated Acres

\*Use Form #5 (Annual or Perennial Crop Specifics) to fill in the Specific Crop code that will be used for compilation of A/Y information by crop. This column MUST be filled in using the Crop Specifics forms.

East San Joaquin Water Quality Coalition  
1201 L Street  
Modesto, CA 95354

**Return this Form to ESJWQC**

# NMP Summary Report – 2015 Crop Year

Refer to your Nitrogen Management Plan for information to complete this form\*

Year Crop Harvested (Box 1): 2015 Submittal Date: \_\_\_\_\_

Member ID (Box 2): \_\_\_\_\_ Member Name (Box 3): \_\_\_\_\_

*All calculations should be on a per acre basis.*

Site Location Information <sup>1</sup>	Crop	Total Acres	Total Available N Applied pounds per acre	A/Y Total Available N / Actual Yield <sup>2</sup>	Production Unit <sup>3</sup>
Management Unit	Box 6	Box 10	Box 22 + Box 25	(Box 22+25)/Box 11	Box 7

<sup>1</sup> Site location information refers to information to be used to link a parcel enrolled in a coalition to the reported information; this may be the Assessor Parcel Number (APN). For No Yield, fill in NY.

<sup>2</sup> For Non Bearing, fill in NB.

<sup>3</sup> See the Crop Specifics Sheet enclosed for the specific crop name and production (yield) units.

\*Box number refers to the 4-page nitrogen management plan distributed by ESJWQC.

East San Joaquin Water Quality Coalition  
 1201 L Street  
 Modesto, CA 95354

**Return this Form to ESJWQC**

## PERRENIAL CROP SPECIFICS

Specific Crop	Production Unit
ALMONDS /YEAR 1	Pounds
ALMONDS /YEAR 2	Pounds
ALMONDS /YEAR 3	Pounds
ALMONDS /YEAR 4	Pounds
ALMONDS /YEAR > 4	Pounds
APPLES, DWARF/SEMIDWARFS /YEAR 1	Tons (2000 lbs)
APPLES, DWARF/SEMIDWARFS /YEAR 2	Tons (2000 lbs)
APPLES, DWARF/SEMIDWARFS /YEAR 3	Tons (2000 lbs)
APPLES, DWARF/SEMIDWARFS /YEAR 4	Tons (2000 lbs)
APPLES, DWARF/SEMIDWARFS /YEAR > 4	Tons (2000 lbs)
APPLES, STANDARD SIZE /YEAR 1	Tons (2000 lbs)
APPLES, STANDARD SIZE /YEAR 2	Tons (2000 lbs)
APPLES, STANDARD SIZE /YEAR 3	Tons (2000 lbs)
APPLES, STANDARD SIZE /YEAR 4	Tons (2000 lbs)
APPLES, STANDARD SIZE /YEAR > 4	Tons (2000 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)
APRICOTS /YEAR > 4	Lug Box (24 lbs)
ARTICHOKES /YEAR 1	Carton (23 lbs)
ARTICHOKES /YEAR 2	Carton (23 lbs)
ARTICHOKES /YEAR 3	Carton (23 lbs)
ARTICHOKES /YEAR > 3	Carton (23 lbs)
ASPARAGUS /YEAR 1	Crate (30 lbs)
ASPARAGUS /YEAR 2	Crate (30 lbs)
ASPARAGUS /YEAR 3	Crate (30 lbs)
ASPARAGUS /YEAR > 3	Crate (30 lbs)
AVOCADOS /YEAR 1	Lug Box (12-15 lbs)
AVOCADOS /YEAR 2	Lug Box (12-15 lbs)
AVOCADOS /YEAR 3	Lug Box (12-15 lbs)
AVOCADOS /YEAR 4	Lug Box (12-15 lbs)
AVOCADOS /YEAR > 4	Lug Box (12-15 lbs)
BAMBOO /YEAR 1	Pounds
BAMBOO /YEAR 2	Pounds
BAMBOO /YEAR 3	Pounds
BAMBOO /YEAR 4	Pounds
BAMBOO /YEAR > 4	Pounds
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, BLACKBERRY /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, BLUEBERRY /YEAR > 3	12, 1/2-pint baskets (6 lbs)
BERRY, BOYSENBERRY /YEAR 1	12, 1/2-pint baskets (6 lbs)
BERRY, BOYSENBERRY /YEAR 2	12, 1/2-pint baskets (6 lbs)
BERRY, BOYSENBERRY /YEAR 3	12, 1/2-pint baskets (6 lbs)

Specific Crop	Production Unit
BERRY, BOYSENBERRY /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)
BERRY, RASPBERRIES /YEAR > 3	12, 1/2-pint baskets (6 lbs)
CELERY /YEAR 1	Carton (60 lbs)
CELERY /YEAR 2	Carton (60 lbs)
CELERY /YEAR > 2	Carton (60 lbs)
CHERRY, SWEET /YEAR 1	Lug Box (18 lbs)
CHERRY, SWEET /YEAR 2	Lug Box (18 lbs)
CHERRY, SWEET /YEAR 3	Lug Box (18 lbs)
CHERRY, SWEET /YEAR 4	Lug Box (18 lbs)
CHERRY, SWEET /YEAR > 4	Lug Box (18 lbs)
CHERRY, TART /YEAR 1	Lug Box (18 lbs)
CHERRY, TART /YEAR 2	Lug Box (18 lbs)
CHERRY, TART /YEAR 3	Lug Box (18 lbs)
CHERRY, TART /YEAR 4	Lug Box (18 lbs)
CHERRY, TART YEAR > 4	Lug Box (18 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)
CHESTNUTS /YEAR > 4	Bag (25 lbs)
CITRUS, CLEMENTINES /YEAR 1	Carton (38 lbs)
CITRUS, CLEMENTINES /YEAR 2	Carton (38 lbs)
CITRUS, CLEMENTINES /YEAR 3	Carton (38 lbs)
CITRUS, CLEMENTINES /YEAR 4	Carton (38 lbs)
CITRUS, CLEMENTINES /YEAR > 4	Carton (38 lbs)
CITRUS, GRAPEFRUIT /YEAR 1	Carton (40 lbs)
CITRUS, GRAPEFRUIT /YEAR 2	Carton (40 lbs)
CITRUS, GRAPEFRUIT /YEAR 3	Carton (40 lbs)
CITRUS, GRAPEFRUIT /YEAR 4	Carton (40 lbs)
CITRUS, GRAPEFRUIT /YEAR > 4	Carton (40 lbs)
CITRUS, LEMON /YEAR 1	Carton (38 lbs)
CITRUS, LEMON /YEAR 2	Carton (38 lbs)
CITRUS, LEMON /YEAR 3	Carton (38 lbs)
CITRUS, LEMON /YEAR 4	Carton (38 lbs)
CITRUS, LEMON /YEAR > 4	Carton (38 lbs)
CITRUS, LIMES /YEAR 1	Carton (38 lbs)
CITRUS, LIMES /YEAR 2	Carton (38 lbs)
CITRUS, LIMES /YEAR 3	Carton (38 lbs)
CITRUS, LIMES /YEAR 4	Carton (38 lbs)
CITRUS, LIMES /YEAR > 4	Carton (38 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)
CITRUS, MANDARINS /YEAR > 4	Carton (40 lbs)
CITRUS, ORANGES /YEAR 1	Carton (40 lbs)

Specific Crop	Production Unit
CITRUS, ORANGES /YEAR 2	Carton (40 lbs)
CITRUS, ORANGES /YEAR 3	Carton (40 lbs)
CITRUS, ORANGES /YEAR 4	Carton (40 lbs)
CITRUS, ORANGES /YEAR > 4	Carton (40 lbs)
CITRUS, TANGELO /YEAR 1	Carton (40 lbs)
CITRUS, TANGELO /YEAR 2	Carton (40 lbs)
CITRUS, TANGELO /YEAR 3	Carton (40 lbs)
CITRUS, TANGELO /YEAR 4	Carton (40 lbs)
CITRUS, TANGELO /YEAR > 4	Carton (40 lbs)
CITRUS, TANGERINES /YEAR 1	Carton (40 lbs)
CITRUS, TANGERINES /YEAR 2	Carton (40 lbs)
CITRUS, TANGERINES /YEAR 3	Carton (40 lbs)
CITRUS, TANGERINES /YEAR 4	Carton (40 lbs)
CITRUS, TANGERINES /YEAR > 4	Carton (40 lbs)
EUCALYPTUS TREE /NURSERY	Pounds
FIGS /YEAR 1	Flat (6 lbs)
FIGS /YEAR 2	Flat (6 lbs)
FIGS /YEAR 3	Flat (6 lbs)
FIGS /YEAR 4	Flat (6 lbs)
FIGS /YEAR > 4	Flat (6 lbs)
FLOWERS (LAVENDER)	Bundle (6 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, TABLE /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)
GRAPES, WINE /YEAR > 4	Lug Box (28 lbs)
GRASS MIX/ FORAGE/PASTURE	Pounds
GRASS, CLOVER	Tons (2000 lbs)
GRASS, SOD	Pounds
HERBS, FRESH CUT	Pounds
HOPS YEAR 1	Bale (200 lbs)
HOPS YEAR 2	Bale (200 lbs)
HOPS YEAR > 2	Bale (200 lbs)
HORSERADISH /YEAR 1	Sack (50 lbs)
HORSERADISH /YEAR 2	Sack (50 lbs)
HORSERADISH /YEAR > 2	Sack (50 lbs)
JUJUBE /YEAR 1	Pounds
JUJUBE /YEAR 2	Pounds
JUJUBE /YEAR 3	Pounds
JUJUBE /YEAR 4	Pounds
JUJUBE /YEAR > 4	Pounds
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)

Specific Crop	Production Unit
KIWIFRUIT /YEAR > 4	Flat (4-6 lbs)
MINT, TEA LEAVES	Pounds
MULBERRIES /YEAR1	Tons (2000 lbs)
MULBERRIES /YEAR2	Tons (2000 lbs)
MULBERRIES /YEAR3	Tons (2000 lbs)
MULBERRIES /YEAR4	Tons (2000 lbs)
MULBERRIES /YEAR > 4	Tons (2000 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)
NECTARINES /YEAR > 4	Carton (25 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)
OLIVES /YEAR > 4	Lug Box (25-30 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, FRESH MARKET /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)
PEACHES, PROCESSING /YEAR > 4	Carton (38 lbs)
PEANUTS /YEAR 1	Tons (2000 lbs)
PEANUTS /YEAR 2	Tons (2000 lbs)
PEANUTS /YEAR > 2	Tons (2000 lbs)
PEARS /YEAR 1	Tons (2000 lbs)
PEARS /YEAR 2	Tons (2000 lbs)
PEARS /YEAR 3	Tons (2000 lbs)
PEARS /YEAR 4	Tons (2000 lbs)
PEARS /YEAR > 4	Tons (2000 lbs)
PECANS /YEAR 1	Pounds
PECANS /YEAR 2	Pounds
PECANS /YEAR 3	Pounds
PECANS /YEAR 4	Pounds
PECANS /YEAR > 4	Pounds
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)
PERSIMMONS /YEAR > 4	2 layer tray pack (20-25 lbs)
PISTACHIOS /YEAR 1	Pounds
PISTACHIOS /YEAR 2	Pounds
PISTACHIOS /YEAR 3	Pounds
PISTACHIOS /YEAR 4	Pounds
PISTACHIOS /YEAR > 4	Pounds

## ANNUAL - CROP SPECIFICS

Specific Crop	Production Unit (lbs)
BARLEY, IRRIGATED	Tons (2000 lbs)
BEANS, BLACK EYED	Tons (2000 lbs)
BEANS, DRY EDIBLE	Sack (60 lbs)
BEANS, GARBANZO	Pounds
BEANS, GREEN	Tons (2000 lbs)
BEANS, LIMA	Tons (2000 lbs)
BEANS, SEED	Pounds
BEANS, SNAP	Tons (2000 lbs)
BEETS	Crate (38 lbs)
BOK CHOY	Crate (50-60 lbs)
BROCCOLI	Carton (23 lbs)
BROCCOLI RABE	Pounds
BROCOLINI	Pounds
BRUSSELS SPROUTS	Carton (25 lbs)
CABBAGE	Bag (50 lbs)
CABBAGE, CHINESE	15, 1/2-inch wirebound crate (50-53 lbs)
CANOLA	Tons (2000 lbs)
CARROT	Pounds
CAULIFLOWER	Carton/Crate (25/60 lbs)
CAULIFLOWER, SEED	Pounds
CELERY	Carton (60 lbs)
CHARD	Pounds
CHIVES	Flat of 12 pots (10 lbs)
CORN, GRAIN	Tons (2000 lbs)
CORN, SILAGE	Tons (2000 lbs)
CORN, SWEET	Carton (50 lbs)
COTTON	Tons (2000 lbs)
COTTON, PIMA	Tons (2000 lbs)
COTTON, UPLAND	Tons (2000 lbs)
COVER CROP, LEGUME	Pounds
COVER CROP, NON-LEGUME	Pounds
CUCUMBERS	Carton (55 lbs)
DAIKON	Pounds
EGGPLANT	Carton (33 lbs)
ENDIVE	Pounds
GARLIC	Carton (30 lbs)
GRASS, RYE	Tons (2000 lbs)
GRASS, SUDAN (seed)	Tons (2000 lbs)
GREENS, COLLARD	Pounds
GREENS, COLLARD, FRESH MARKET	Pounds
HAY, ALFALFA	Tons (2000 lbs)
HAY, SMALL GRAIN	Tons (2000 lbs)
HAY, TAME, (EXCL ALFALFA & SMALL GRAIN)	Tons (2000 lbs)
HAY, WILD	Tons (2000 lbs)
HAY, WILD, IRRIGATED	Tons (2000 lbs)
HAYLAGE, (EXCL ALFALFA)	Tons (2000 lbs)
HAYLAGE, ALFALFA	Tons (2000 lbs)
HERBS, FRESH CUT	Pounds
KALE	Carton (25 lbs)

Specific Crop	Production Unit (lbs)
KOHLRABI (SEED)	Pounds
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)
MILLET	Tons (2000 lbs)
MUSTARD, GREENS	Pounds
MUSTARD, SEED	Tons (2000 lbs)
OATS	Tons (2000 lbs)
OKRA	Tons (2000 lbs)
ONIONS, DRY	Sack (50 lbs)
ONIONS, GREEN	Carton (13 lbs)
ONIONS, SEED	Pounds
PARSLEY	5-Dozen Bunches (20-25 lbs)
PEAS, CHINESE (SUGAR & SNOW)	Tons (2000 lbs)
PEAS, GREEN, (EXCL SOUTHERN) (UNSHELLED)	Tons (2000 lbs)
PEAS, GREEN, SOUTHERN (COWPEAS)	Tons (2000 lbs)
PEPPERS, BANANA	Pounds
PEPPERS, BELL	Pounds
PEPPERS, CHILE	Pounds
POTATOES	Carton (100 lbs)
PUMPKINS	Pounds
RADISHES	Carton of 30 (11-12 lbs)
RICE	Tons (2000 lbs)
SAFFLOWER	Pounds
SHALLOTS	Sacks of 8, 5-pound bags (40 lbs)
SORGHUM, GRAIN	Tons (2000 lbs)
SORGHUM, SILAGE	Pounds
SPINACH	Tons (2000 lbs)
SQUASH	Pounds
SQUASH, SUMMER	Pounds
SQUASH, WINTER	Pounds
STRAWBERRIES	12, 1-pint (12 lbs)
SUNFLOWER, SEED	Tons (2000 lbs)
SWEET POTATOES	Carton (40 lbs)
TEFF, GRAIN	Pounds
TOMATILLOS	Pounds
TOMATOES, CHERRY	Pounds
TOMATOES, FRESH MARKET	Carton (25 lbs)
TOMATOES, PROCESSING	Pounds
TRITICALE, IRRIGATED	Pounds
TURNIP GREENS	Carton (38 lbs)
TURNIPS	Sack (25 lbs)
WHEAT, IRRIGATED	Tons (2000 lbs)
WILD RICE	Sacks (100 lbs)
ZUCCHINI	Pounds

Specific Crop	Production Unit
PLUM-APRICOT HYBRIDS, INCL PLUMCOTS & PLUOTS /YEAR 1	1/2-bushel carton (28 lbs)
PLUM-APRICOT HYBRIDS, INCL PLUMCOTS & PLUOTS /YEAR 2	1/2-bushel carton (28 lbs)
PLUM-APRICOT HYBRIDS, INCL PLUMCOTS & PLUOTS /YEAR 3	1/2-bushel carton (28 lbs)
PLUM-APRICOT HYBRIDS, INCL PLUMCOTS & PLUOTS /YEAR 4	1/2-bushel carton (28 lbs)
PLUM-APRICOT HYBRIDS, INCL PLUMCOTS & PLUOTS /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)
PLUMS /YEAR > 4	1/2-bushel carton (28 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)
POMEGRANATES /YEAR > 4	2 Layer Carton (22 lbs)
PRUNES /YEAR 1	1/2-bushel carton (30 lbs)
PRUNES /YEAR 2	1/2-bushel carton (30 lbs)
PRUNES /YEAR 3	1/2-bushel carton (30 lbs)
PRUNES /YEAR 4	1/2-bushel carton (30 lbs)
PRUNES /YEAR > 4	1/2-bushel carton (30 lbs)
QUINCES /YEAR 1	Carton or Lug (22 lbs)
QUINCES /YEAR 2	Carton or Lug (22 lbs)
QUINCES /YEAR 3	Carton or Lug (22 lbs)

Specific Crop	Production Unit
QUINCES /YEAR 4	Carton or Lug (22 lbs)
QUINCES /YEAR > 4	Carton or Lug (22 lbs)
RHUBARB /YEAR 1	Carton (20 lbs)
RHUBARB /YEAR 2	Carton (20 lbs)
RHUBARB /YEAR > 2	Carton (20 lbs)
TREE, CHRISTMAS /YEAR 1	Trees
TREE, CHRISTMAS /YEAR 2	Trees
TREE, CHRISTMAS /YEAR 3	Trees
TREE, CHRISTMAS /YEAR 4	Trees
TREE, CHRISTMAS /YEAR > 4	Trees
WALNUTS, BLACK /YEAR 1	Sack (50 lbs)
WALNUTS, BLACK /YEAR 2	Sack (50 lbs)
WALNUTS, BLACK /YEAR 3	Sack (50 lbs)
WALNUTS, BLACK /YEAR 4	Sack (50 lbs)
WALNUTS, BLACK /YEAR > 4	Sack (50 lbs)
WALNUTS, ENGLISH /YEAR 1	Sack (50 lbs)
WALNUTS, ENGLISH /YEAR 2	Sack (50 lbs)
WALNUTS, ENGLISH /YEAR 3	Sack (50 lbs)
WALNUTS, ENGLISH /YEAR 4	Sack (50 lbs)
WALNUTS, ENGLISH /YEAR > 4	Sack (50 lbs)
WATERCRESS /YEAR 1	Carton/25 Bunches (8 lbs)
WATERCRESS /YEAR 2	Carton/25 Bunches (8 lbs)
WATERCRESS /YEAR 3	Carton/25 Bunches (8 lbs)
WATERCRESS /YEAR 4	Carton/25 Bunches (8 lbs)
WATERCRESS /YEAR > 4	Carton/25 Bunches (8 lbs)



# NMP SUMMARY REPORT

## FORM DEFINITIONS / EXPLANATIONS

### **Form 1 – NMP Summary Report Instructions**

Form 1 instructs the grower on how to fill in the Nitrogen Management Plan Summary Report (Form 4) including where to find the associated information on the Nitrogen Management Plan that should already be filled out for each crop grown.

### **Form 2 – Example of how to fill out the NMP Summary Report**

Form 2 is an illustration of how to take information from the NMP Worksheet and the Management Unit Parcel Inventory and fill out the NMP Summary Report. The example also shows how to determine A/Y and what numbers should be used to determine the total amount of nitrogen applied.

### **Form 3 – Management Unit Parcel Inventory**

*Form 3 must be returned to the Coalition.* The Management Unit Parcel Inventory will be pre populated by the Coalition with all enrolled parcels and associated with each parcel will be a check mark indicating if the parcel is in an area of high vulnerability to groundwater. The Management Unit Parcel Inventory will indicate which parcels are managed for nitrate in a similar way; these parcels can be grouped together in a single Management Unit. The Inventory also records the specific crop (see Form 5) and the actual acreage. Since there may be situations where more than one crop is grown on the same parcel, it is important that the grower fills out the acreage associated with each parcel in each Management Unit. These acreages are then summed and entered on the NMP Summary Report.

Parcels requiring an NMP Summary Report will be marked as high vulnerability to groundwater. You are not required to fill out an NMP Summary Report for parcels NOT marked as high vulnerability but it is anticipated that in some cases growers may be managing all parcels the same way, regardless of vulnerability. These growers may choose to fill out an NMP Summary Report for all parcels enrolled. For example, if a grower is farming peaches on parcel A, B, and C and managing them all the same (one NMP for all 3 parcels), he would associate these 3 parcels with the management unit “Peach Farm” on the Management Unit Parcel Inventory. On the NMP Summary Report, he would fill in “Peach Farm” and fill in the numbers from the NMP Worksheet for all 3 parcels. If 2 of the 3 parcels are high vulnerability, he could fill out one NMP Summary Report for all 3 or just the 2 as long as it is clearly marked on the Management Unit Parcel Inventory that is returned with the NMP Summary Report.

### **Form 4 – NMP Summary Report**

*Form 4 must be returned to the Coalition.* The NMP Summary Report will record the Management Unit (See Form 3), the crop (see Form 5), the amount of nitrogen applied (pounds), the amount of applied nitrogen divided by the yield and yield units (see Form 5 for standard units). The Coalition will associate the values recorded on the NMP Summary Report with the parcel information recorded on the Management Unit Inventory. The information from the NMP Summary Reports will be aggregated on a Township level by crop and reported to the Regional Water Board. Individual farmer data will NOT be submitted to the Regional Water Board. The Coalition will report back to its members an estimate of how much nitrogen is removed relative to other growers with the same crop.

### **Form 5 – Annual and Perennial Crop Specifics**

Form 5 lists the Crop Specifics for crops grown within the Coalition region. It is important to use the Specific Crop code on the NMP Summary Report (Form 4) and the Production Unit listed. The Specific Crop list has been developed to ensure consistency in reporting between farmers and will allow the Coalition to relate the A/Y to an estimate of the amount of nitrogen removed. If you do not see your crop listed on the Crop Specifics form (there is one for perennials and one for annuals), please contact the Coalition. It is preferred that all yields be reported in pounds; however, it is recognized that for many crops production yield is recorded in other ways such as crate, boxes, bales, etc. The Crop Specifics form includes standard Production Units that are associated with a standard pound amount. This information will also be essential in developing more accurate estimates of nitrogen removed.

## **FREQUENTLY ASKED QUESTIONS (FAQs)**

### **NMP SUMMARY REPORT**

**FAQ 1. Why is my property listed as High Vulnerability?**

- *Vulnerability categories (low and high) were determined through the Groundwater Assessment Report (GAR) that was prepared by a hydrogeology firm hired by ESJWQC. The GAR was approved by the Regional Water Board in 2014. The land characteristics examined in the GAR include soil type (sandy soil is more likely to leach nitrates than clay soils), concentration of nitrates in the groundwater and depth to groundwater.*

**FAQ 2. Where can I find information about filling out my NMP?**

- *Additional information about filling out your NMP can be found on the Coalition's website (<https://www.esjcoalition.org/NMPWorksheetInstructions.pdf>). An NMP must be filled out annually for each crop/management unit. Starting with the 2016 crop year, parcels in high vulnerability areas need to have the NMP certified by a Certified Crop Advisor or the member must complete a NMP certification program. The NMP stays on the farm; the NMP Summary Report is returned to the Coalition.*

**FAQ 3. What if I don't have my 2015 NMP?**

- *If you can't locate your NMP, you can download a blank copy from the Coalition's website (<https://www.esjcoalition.org/NMPWorksheet.pdf>); you may need your CCA to assist you. If you need information on how to fill out the survey, please review the answer to FAQ 2.*

**FAQ 4. What do I put in for yield?**

- *Report on the NMP Summary Report template the weight of the crop removed from the field (gross weight). This would include all part of the crop that is removed from the field including culls, shells/hulls, etc.*

**FAQ 5. Do I need to fill out the NMP Summary Report if 2015 was a non-bearing year?**

- *Yes, you will still need to fill out the NMP Summary Report for 2015 even if no crop was harvested. If you are reporting on young trees, vines or other perennials that have yet to have a harvestable crop, put **NB** (Non Bearing) for Box 11 (Actual Yield) on Form #4. From the Perennial Crop Specifics list, choose the correct crop/year that applies to your parcel (see the Example page above). Using an accurate Crop Specific (e.g. Almonds /Year 1) will assist the Coalition in interpreting the nitrogen application information.*

**FAQ 6. What if I have no yield this crop year due to uncontrollable factors?**

- *An NMP Summary Report will still need to be filled out and submitted if the crop has not been harvested or a crop was expected but due to unforeseen circumstances no crop was harvested. On Form #4, put **NY** (No Yield) for Box 11. The Coalition understands that the growing season is varied and will record No Yield for 2015 in its summary report.*

**FAQ 7. How do I report multiple crops planted on a single parcel (APN)?**

- *If you have both peaches and almonds on the same parcel, on Form #3 create a Management Unit for each crop, include the same APN number for each and indicate how much acreage is allocated to each crop. A NMP Summary Report will need to be filled out for each crop.*
- *If you grow two crops on the same piece of land in the same year, see FAQ 9.*

**FAQ 8. Do I need to complete an NMP Summary Report for Irrigated Pasture?**

- *No. Pending Regional Board approval on February 19, NMPs and NMP Summary Reports are not required for irrigated pasture to which no external nitrogen is applied. Direct nutrient returns from livestock are not considered a fertilizer application to irrigated pasture.*

**FAQ 9. How do I include double-cropped fields?**

- *For double-cropped fields (two consecutive crops on the same land harvested in a single growing season), create two Management Units on Form #3 for each crop. It is important to separate the crops as nitrogen application and demand may vary between crop type. Only the nitrogen applied for that specific crop needs to be recorded; you do not need to count the nitrogen application of an earlier crop with the nitrogen applied for the second crop grown in the same year.*

**FAQ 10. What if my crop is not listed on the Crop Specifics form?**

- *If you do not see your crop listed on the Crop Specifics form please call and check with the Coalition to see if there has been an update. Another option is to write in your crop and the Coalition will update the list to include the missing crops for the 2016 Summary Report.*