TIER 2/TIER 3 FARMS WITH HIGH NITRATE LOADING RISK

TOTAL NITROGEN APPLIED REPORT - RANCH/RISK UNIT & FIELD/BLOCK

EMAIL FORM AS AN ATTACHMENT: Attach completed and saved form to an email and send to AgNOI@waterboards.ca.gov

Reporting Period: 09/01/2014 to 08/31/2015

Any changes to the reporting period must be approved by staff. Form will not be accepted without approval.

CONDITIONAL WAIVER OF WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES FROM IRRIGATED LANDS - REGIONAL BOARD ORDER R3-2012-0011

Annually by October 1st, Tier 2 and Tier 3 dischargers with High Nitrate Loading Risk must report total nitrogen applied and present in the soil.

Hover over the cells/boxes with your mouse for more information on what is required. Refer to instructions for further detail.

SECTION I: GENERAL RANCH INFORMATION

AW#: _____ Ranch Global ID: _____ Ranch/Risk Unit or Field/Block Name: _____ Physical Acres Reporting: _____

County: _____ APN(s): _____ _____ _____ _____ _____

(Space for more parcels and multiple counties available on page 2)

SECTION II: NITROGEN APPLIED WITH IRRIGATION WATER *(Include water for leaching and recycled water)*

Average Nitrate Concentration in Irrigation Water *(mg/L)*	Units of Nitrate Concentration *(select one)*	Estimated Total Volume of Irrigation Water Applied to Entire Reporting Acres During Reporting Period *(gallons)*	Total Nitrogen Applied with Irrigation Water *(lbs/ac)*
	☐ *as Nitrate (NO3)* ☐ *as Nitrogen (N)*	*For auto-calculation of Nitrogen Applied with Irrigation Water. This field is not required. Use the spreadsheet **'convert_to_gallons'** for converting acre-feet or acre-inches to gallons.*	

SECTION III: NITROGEN APPLIED WITH COMPOST & AMENDMENTS

Applications of nitrogen from compost and amendments (not fertilizers) made to improve soil properties, and/or as a source of nitrogen to ALL crops grown during the reporting period may be reported here. Alternatively, the nitrogen may be distributed accordingly between the crops and reported in Section IV. Do not report this information in both sections.

Physical Acres Receiving Compost & Amendments	Nitrogen Applied in Compost & Amendments *(total lbs)*

SECTION IV: NITROGEN APPLIED WITH FERTILIZERS & OTHER MATERIALS AND NITROGEN PRESENT IN SOIL *(The spreadsheet **'N_from_fertilizers'** assists with calculations in this section)*

	Specific Crop(s) Grown and Harvested During Reporting Period *(Select from List on Page 3)*	Total Crop Acres	Nitrogen Present in Soil *(lbs/ac)*	Nitrogen Applied in Fertilizers and Other Materials *(lbs/ac)*	O/C	No Yield/ Research *(NY or R)*		Specific Crop(s) Grown and Harvested During Reporting Period *(Select from List on Page 3)*	Total Crop Acres	Nitrogen Present in Soil *(lbs/ac)*	Nitrogen Applied in Fertilizers and Other Materials *(lbs/ac)*	O/C	No Yield/ Research *(NY or R)*
1.							16.						
2.							17.						
3.							18.						
4.							19.						
5.							20.						
6.							21.						
7.							22.						
8.							23.						
9.							24.						
10.							25.						
11.							26.						
12.							27.						
13.							28.						
14.							29.						
15.							30.						

TIER 2/TIER 3 FARMS WITH HIGH NITRATE LOADING RISK

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ADDITIONAL CROPS AND COUNTIES *(continued from Sections I and IV)*

	Specific Crop(s) Grown and Harvested During Reporting Period *(Select from List on Page 3)*	Total Crop Acres	Nitrogen Present in Soil *(lbs/ac)*	Nitrogen Applied in Fertilizers and Other Materials *(lbs/ac)*	O/C	No Yield/ Research *(NY or R)*		Specific Crop(s) Grown and Harvested During Reporting Period *(Select from List on Page 3)*	Total Crop Acres	Nitrogen Present in Soil *(lbs/ac)*	Nitrogen Applied in Fertilizers and Other Materials *(lbs/ac)*	O/C	No Yield/ Research *(NY or R)*
31.							38.						
32.							39.						
33.							40.						
34.							41.						
35.							42.						
36.							43.						
37.							44.						

County:		APN(s):				
County:		APN(s):				
County:		APN(s):				

SECTION V: BASIS FOR THE AMOUNT OF TOTAL NITROGEN THAT WAS APPLIED *(select all that apply)*

- ☐ University Research Data
- ☐ UCCE Information
- ☐ UC Farm Advisor Consultation
- ☐ Consultant (PCA, CCA, etc.)
- ☐ Local Info/Neighbor
- ☐ Yield Projection
- ☐ Commodity or Industry Group
- ☐ Private Research Trials
- ☐ On-Farm Research Trials
- ☐ Trade Publication
- ☐ Fertilizer Distributor/Dealer
- ☐ Grower Experience
- ☐ Laboratory Recommendation
- ☐ Site Analysis Dry Biomass
- ☐ Scientific Literature

SECTION VI: EXPLANATIONS & COMMENTS

If the information on this form does not represent the entire 12-month reporting period, please provide a brief explanation.

SECTION VII: TRADE SECRETS

Does this form contain information related to trade secrets or secret processes? ☐ YES ☐ NO

If YES, include an attachment that identifies the specific section(s) in this Total Nitrogen Applied form where proprietary information is contained and provide detailed and specific justification. Note that checking YES to the question above and providing detailed and specific justification does not guarantee the information will not be disclosed; Regional Board staff must review the claim of proprietary information and justification and make a determination as to whether the information is proprietary and can be withheld from disclosures in a Public Records Act request.

SECTION VIII: CERTIFICATION ***This form must be reviewed and certified by the Operator/Responsible Party listed on the eNOI***

I declare under penalty of perjury under the laws of the State of California that this Total Nitrogen Applied Report, in compliance with Water Code §13267, was prepared by me, or under my direction or supervision, following a system designed to ensure that qualified personnel properly gathered and evaluated the information submitted. To the best of my knowledge and belief, this document is true, accurate, and complete. I am aware that there are significant penalties associated with submitting false information and committing perjury.

☐ ***I have read and accept the above terms.***

Operator/Responsible Party	*Preparer Name*	*Preparer Title*	*Contact Info (email address and/or phone number)*	*Date Prepared (MM/DD/YYYY)*

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LIST OF SPECIFIC CROPS *(Contact Water Board staff if your crop is not on this list; selected crop must be the crop that was grown)*

Alfalfa	Chard, Swiss	Kalettes	Peas, Seed
Anise	Cherry	Kohlrabi	Peas, Snap
Apples	Chicory	Leek	Pineapple
Artichoke	Chile	Lettuce	Peas, Sugar
Artichoke, Seed	Chinese Greens (A Choy)	Lettuce, Baby	Peppers, Bell (Final Harvest)
Arugula	Chinese Greens (Bok Choy)	Lettuce, Butter	Peppers, Bell (Not Final Harvest)
Arugula, Baby	Chinese Greens (Bok Choy, Baby)	Lettuce, Carton	Peppers, Chili
Arugula, Wild	Chinese Greens (Bun Choy)	Lettuce, Green Oak	Pimiento
Asparagus	Chinese Greens (Gai Choy)	Lettuce, Head	Potato
Beans	Chinese Greens (Gai Lan)	Lettuce, Heirloom	Pumpkin
Beans, Dry	Chinese Greens (On Choy)	Lettuce, Iceberg	Rachicchio
Beans, Lima	Chinese Greens (Tong Ho)	Lettuce, Leaf	Radish
Beans, Seed	Chives	Lettuce, Lola Rosa	Rapini
Beets	Cilantro	Lettuce, Mixed	Raspberry
Blackberry	Collard Greens	Lettuce, Red Leaf	Ryegrass, Winter
Blueberry	Corn	Lettuce, Red Leaf Mix	Safflower
Bok Choy	Corn, Sweet	Lettuce, Red Oak	Seed Crops
Bok Choy, Baby	Cover Crop, Legume	Lettuce, Red Romaine	Shallots
Borage	Cover Crop, Non-Legume	Lettuce, Romaine	Sorrel
Broccolette	Cress	Lettuce, Romaine Hearts	Spinach
Broccoli	Cucumber	Lettuce, Tango	Spinach, Baby
Broccoli Rabe	Daikon	Mache	Spinach, Clip
Broccolini	Dandelion Greens	Mango	Spring Mix
Brussels Sprouts	Dill	Mixed Greens	Spring Mix, Baby
Cabbage	Eggplant	Mixed Greens, Baby	Sprouts
Cabbage, Chinese	Endive	Mizuna	Squash, Summer
Cabbage, Green	Escarole	Mustard	Squash, Winter
Cabbage, Napa	Fallow	Mustard, Baby	Squash, Zucchini
Cabbage, Red	Fennel	Onion, Dry	Strawberry (Final Harvest)
Cabbage, Savoy	Flowers	Onions	Strawberry (Not Final Harvest)
Carrot	Frisee	Onions, Green	Tomatillo
Cauliflower	Garlic	Orach	Tomato
Cauliflower, Seed	Grapes, Table	Orchids	Turnip
Celery	Grapes, Wine	Papaya	Watercress
Chard	Jalapeno	Parsley	Yam Leaf
Chard, Green	Kale	Parsnip	Zucchini
Chard, Red	Kale, Baby	Peas	Other - Contact Water Board