# 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)*<br>☐ *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)* | 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)* | 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. | | | | | | |

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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)* | 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)* | 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)* |
|---|---|---|---|---|
| | | | | |