

Example 1

Ranch – high risk – acreage = 400

20 blocks of 20 acres each in rotations – multiple crops

Soil test results: 10 pounds N per acre

No compost or amendments applied

Crop and Fertilizers Applied

Multiple Crops and Rotations (all **conventional lettuce**, none organic)

1. head lettuce, spring 220 acres, at 200 pounds N/crop-acre,
200 pounds/crop-acre * 220 crop-acres = 44,000 pounds N

2. second lettuce on 180 acres at 400 pounds N/crop-acre,
400 pounds/crop-acre * 180 crop-acres = 72,000 pounds N

3. third lettuce on 100 acres at 300 pounds N/crop-acre,
300 pounds/crop-acre * 100 crop-acres = 30,000 pounds N

- 500 total crop-acres were grown and harvested

- 44,000 pounds + 72,000 pounds + 30,000 pounds = 146,000 pounds N applied

Nitrogen Applied in Fertilizers (Section IV of form):

146,000 pounds / 500 crop-acres = 292 pounds/crop-acre applied

Irrigation

- Nitrate concentration is 60 mg/l as NO₃

1.5 acre-feet per acre

TIER 2/TIER 3 FARMS WITH HIGH NITRATE LOADING RISK

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

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

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

County:	<input type="text"/>	APN(s):	<input type="text"/>				
County:	<input type="text"/>	APN(s):	<input type="text"/>				
County:	<input type="text"/>	APN(s):	<input type="text"/>				

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

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

MB	MB	Staff	805 549 3881	08/20/2015
<i>Operator/Responsible Party</i>	<i>Preparer Name</i>	<i>Preparer Title</i>	<i>Contact Info (email address and/or phone number)</i>	<i>Date Prepared (MM/DD/YYYY)</i>

TIER 2/TIER 3 FARMS WITH HIGH NITRATE LOADING RISK

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LIST OF SPECIFIC CROPS (Contact Water Board staff if your crop is not on this list)

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