



STANISLAUS COUNTY AGRICULTURE COMMISSIONER
3800 CORNUCOPIA WAY - SUITE B
MODESTO, CA 95358

Website <http://www.stanag.org>
Recorder (209) 525-4730
(NOI's)

Fax : (209) 525-4789

RESTRICTED MATERIALS PERMIT: 50-22-5003333

Operator:GEMPERLE FARMS
10218 N LANDER AVE
TURLOCK, CA 95380

Agent:GEMPERLE, RICHARD J
10218 N LANDER AVE
TURLOCK
CA 95380

Certified Applicator: GEMPERLE, RICHARD J
10218 N LANDER AVE
TURLOCK, CA 95380

5003333-2022-Version: 1
County District #:03
Issued on:11/16/2021
Valid as of:1/1/2022
Expires on:12/31/2024
Primary Phone: (209) 667-2651
Alternate Phone:
Mobile Phone: (209) 604-8660
Fax: (209) 667-4366
Phone:(209)667-2651
License #:PA50C7010
Expiration:12/31/2024

Type of Use:Agricultural Use

Pesticide Possession:Possession and Use

Permit Duration:Multi-Year

Employees Handle Pesticides

Permit Conditions:A, B, C, F

Notices Of Intent required 24 hours prior to application of pesticide containing restricted materials

See condition detail for code descriptions.

Regulatory Notes:

I understand that this permit does not relieve me from liability for any damages to any persons or property caused by the use of these pesticides. I waive any claims of liability for damages against the County Department of Agriculture based on the issuance of this permit. I further understand that this permit may be revoked when pesticides are used in conflict with the manufacturer's labeling or in violation of applicable laws, regulations, and specific conditions of this permit. I authorize inspection at all reasonable times and whenever an emergency exists by the Department of Pesticide Regulation or the County Department of Agriculture of all areas treated or to be treated, storage facilities for pesticides or emptied containers and equipment used or to be used in the treatment. I have considered alternative and mitigation measures pursuant to Title 3, California Code of Regulations, section 6426. Taking into account economic, environmental, social, and technological factors, I have adopted those that are feasible and would substantially lessen any significant adverse impact on the environment.

[Form PR-ENF-125 (Rev 11/06) Pesticide Enforcement Branch]

Applicant: Richard Gemperle Owner
(Name & Title)

Applicant Signature:

Date: 11/16/2021

Issuing Officer:

Date: 11/16/2021

CONTACT LIST

<u>Name</u>	<u>Auth Rep.</u>	<u>Phone</u>	<u>License</u>	<u>Expiration</u>	<u>Contact Type</u>
STANISLAUS FARM SUPPLY (DEALER)		(209) 538-7070	33692		Pesticide Control Dealer
FALKE, MATHEW J.		(209) 634-4951	72619	12/31/2022	Agricultural Pest Control Advisor
AG PRODUCTION CO.		(209) 634-4951	12090		Pesticide Control Dealer
GEMPERLE, RICHARD J	yes	(209) 667-2651	PA50C70	12/31/2024	Private Applicator Certificate 10
MARTZEN, JOHN		(559) 908-9867	75551	12/31/2023	Agricultural Pest Control Advisor

PESTICIDES LIST

<u>Number</u>	<u>Pesticide</u>	<u>Pests</u>	<u>Forms</u>	<u>Methods</u>	<u>Applicators</u>
484	ALUMINUM PHOSPHIDE	RODENTS	Fumigant	Ground	Operator
626	ZINC PHOSPHIDE	RODENTS	All Reg.	Ground	Operator
636	2,4-D	WEEDS	All Reg.	Ground	PCB/Operator
999	NON-RESTRICTED USE	VARIOUS	All Reg.	Ground	Operator
1601	PARAQUAT	WEEDS	Liquid	Ground	PCB/Operator
2049	BRODIFACOUM	RODENTS	Bait	Ground	Operator
2135	BROMADIOLONE	RODENTS	Bait	Ground	Operator
4014	DIFETHIALONE	RODENTS	Bait	Ground	Operator
5942	DIFENACOUM	RODENTS	Bait	Ground	Operator

SITES REQUIRING SCHOOLSITE NOTIFICATION

There are currently no sites requiring schoolsite notification
 List current as of 11/16/2021 - check with the County Agricultural Commissioner's Office for an updated list.

SITES LIST

<u>Site</u>	<u>Location Site Name</u> <u>Commodity Name/Code</u>	<u>Quantity</u>	<u>District</u>	<u>Section (MTRS)</u>
3934D1	GWPA-L, FLOOD AND MICRO 1/8 MI S/S HARDING, E/S SODERQUIST ALMOND / 3001-0	7 ACRES	03	M05S10E34
Pesticide #s:	484 (ALUMINUM PHOSPHIDE), 626 (ZINC PHOSPHIDE), 636 (2,4-D), 1601 (PARAQUAT), 999 (NON-RESTRICTED USE)			
2933A1	OUTSIDE GWPA NE COR BYSTRUM RD & TAYLOR RD ALMOND / 3001-0	42 ACRES	03	M04S09E33
Pesticide #s:	484 (ALUMINUM PHOSPHIDE), 626 (ZINC PHOSPHIDE), 636 (2,4-D), 1601 (PARAQUAT), 999 (NON-RESTRICTED USE)			

GEMPERLE FARMS

Expires: 12/31/2024

2319H1	OUTSIDE GWPA SWC OF HWY 132 AND LA GRANGE INTERSECTION ALMOND / 3001-0 163 ACRES	01	M03S14E19
Pesticide #s:	484 (ALUMINUM PHOSPHIDE), 626 (ZINC PHOSPHIDE), 636 (2,4-D), 1601 (PARAQUAT), 999 (NON-RESTRICTED USE)		
2319H3	Outside GWPA SWC of HWY 132 and La Grange Intersection ALMOND / 3001-0 60 ACRES	01	M03S13E36
Pesticide #s:	484 (ALUMINUM PHOSPHIDE), 626 (ZINC PHOSPHIDE), 636 (2,4-D), 1601 (PARAQUAT), 999 (NON-RESTRICTED USE)		
3921E1	GWPA-L- NO 6800(a) USED 1/8 MI WS KILROY NS LINWOOD AVE. ALMOND, ORGANIC / 3001-60 6 ACRES	03	M05S10E21
Pesticide #s:	999 (NON-RESTRICTED USE)		
3929C1	GWPA-L, NO 6800(a) USED NEC WASHINGTON & SIMMONS ALMOND, ORGANIC / 3001-60 17 ACRES	03	M05S10E29
Pesticide #s:	999 (NON-RESTRICTED USE)		
3933B1	GWPA-L, NO 6800(a) USED SEC OF WALNUT AND HARDING ALMOND, ORGANIC / 3001-60 50 ACRES	03	M05S10E33
Pesticide #s:	999 (NON-RESTRICTED USE)		
2319H2	Outside GWPA SWC of HWY 132 and La Grange Intersection WALNUT / 3009-0 25 ACRES	01	M03S14E36
Pesticide #s:	999 (NON-RESTRICTED USE)		
ZZZ999	GWPA VARIOUS LOCATIONS RIGHTS OF WAY / 40-0 4 ACRES	03	M04S10E22
Pesticide #s:	484 (ALUMINUM PHOSPHIDE), 626 (ZINC PHOSPHIDE), 636 (2,4-D), 1601 (PARAQUAT), 999 (NON-RESTRICTED USE)		
ZZZ998	GWPA-L E/S WALNUT 1/8M S OF SERVICE FARM/AG BUILDING / 61000-0 3.5 ACRES		M04S10E22
Pesticide #s:	2049 (BRODIFACOUM), 2135 (BROMADIOLONE), 4014 (DIFETHIALONE), 5942 (DIFENACOUM)		
ZZZ997	GWPA-L NEC WASHINGTON & SIMMONS FARM/AG BUILDING / 61000-0 3 ACRES	03	M05S10E29
Pesticide #s:	2049 (BRODIFACOUM), 2135 (BROMADIOLONE), 4014 (DIFETHIALONE), 5942 (DIFENACOUM)		
ZZZ996	GWPA-L 1/8M S/S HARDING, E/S SODERQUIST FARM/AG BUILDING / 61000-0 3 ACRES	03	M05S10E34
Pesticide #s:	2049 (BRODIFACOUM), 2135 (BROMADIOLONE), 4014 (DIFETHIALONE), 5942 (DIFENACOUM)		
ZZZ995	OUTSIDE GWPA NEC BYSTRUM AND TAYLOR FARM/AG BUILDING / 61000-0 7 ACRES	03	M04S09E33
Pesticide #s:	2049 (BRODIFACOUM), 2135 (BROMADIOLONE), 4014 (DIFETHIALONE), 5942 (DIFENACOUM)		
2822A1	GWPA-L, NO 6800(a) USED ES WALNUT 1/8M S OF SERVICE UNCULTIVATED AG / 66000-0 10 ACRES	02	M04S10E22
Pesticide #s:	484 (ALUMINUM PHOSPHIDE), 626 (ZINC PHOSPHIDE), 636 (2,4-D), 1601 (PARAQUAT), 999 (NON-RESTRICTED USE)		

OPERATION-WIDE CONDITIONS

A CHECKLIST of Permit Conditions

B General Permit Conditions

C General Drift Minimization



F Groundwater Protection

A: CHECKLIST for Permit Conditions 2022

- A. CHECKLIST of Permit Conditions Employee(s): Yes No
 Handler Fieldworker
- B. General Permit Conditions
- C. General Drift Minimization Requirements
- E. Chloropicrin (Over 2%) and Chloropicrin with 1,3-Dichloropropene*
- F. Permittee's sites are in Runoff or Leaching Groundwater Protection Areas:
 Does not use 6800(a) materials
 Uses 6800(a) materials, see site specific permit conditions – GWPA Permit Conditions
- J. 1,3-Dichloropropene (Telone, etc.)*
- K. Metam Sodium/Potassium* (issued upon receipt and evaluation of NOI)
- L. Tree Hole Fumigation*
- M. Methyl Bromide* (field/strip fumigation): Methyl Bromide not to be used until worksite plan is completed and approved.
- Field Fumigation Worksite Plan Requirements
- Field Fumigation Buffer Zone Facts for Adjoining Property Operators
- Inner and Outer Buffer Zones and Notification
- N. Methyl Bromide for Tarped Potting Soil Fumigation
- O. Methyl Bromide for Soil Fumigation within a Greenhouse
- P. Methyl Bromide Commodity Fumigations: Completed and approved worksite plan shall be on file with the County Agricultural Commissioner prior to the use of Methyl Bromide.
- Q. Sulfuryl Fluoride (ProFume) Commodity Fumigations: Completed and approved worksite plan shall be on file with the County Agricultural Commissioner prior to the use of Sulfuryl Fluoride.
- R. Endangered Species: Consult <http://www.cdpr.ca.gov/docs/es/prescint.htm> for any restrictions.
- S. Non-agricultural use requirements

* Detailed description and accurate maps are required for all fumigations, showing actual distances to property lines, residential areas, sensitive sites or other areas determined by the Commissioner. If a structure will be vacated for the application and REI, this must be indicated on the NOI, recommendation and map submitted.

For web access to your Permit/OpID: <http://www.calagpermits.org> (Anyone other than the permittee shall have written permission from the permittee for web access rights.) The above marked conditions have been issued to you and shall be followed for the use of pesticides within Stanislaus County.

Permittee signature  Issuing Officer  Date : 11/16/2021

B: GENERAL PERMIT CONDITIONS

The following permit conditions apply to all Stanislaus County Restricted Materials Permits except those specifically conditioned otherwise.

1. A notice of intent (NOI) shall be **submitted a minimum of 24 hours prior** to the use of California restricted materials. For weekend and early Monday applications of Restricted materials, NOI's shall be submitted by 3:00pm Friday prior. NOI may be submitted by FAX, electronically, or in person at the Agricultural Commissioner's office. Field fumigant NOI's shall be **96 hours** in advance. For field fumigations proposed for Monday, the NOI must be submitted by the Tuesday prior (See specific regulations for methyl bromide field fumigations).
2. Notices of intent meet the permit requirement of time specific notification. The pesticide use may commence within four days following such date if delays are caused by uncontrollable conditions such as adverse weather or unavailability of equipment. If the intended application does not take place within 4 days of the proposed application date submitted on an NOI, the permittee must resubmit another NOI to the Agricultural Commissioner for the new proposed application date. Fumigations shall not commence sooner than the intended starting time or later than 12 hours after the intended starting time specified on the notice of intent. The replacement NOI should be marked "**RESUBMITTAL**" or "**DATE CHANGE**".
3. Metam Sodium and Metam Potassium Permit Conditions will be issued at the time of submission of NOI 96 hours in advance.
4. Emergency exemption (Section 18) permits expire at the same time as the current Section 18 registration expires. If the Section 18 pesticide is subsequently re-registered, the permittee must appear in person to renew the Section 18 permit. The Section 18 label is a part of the registered label and must be present at the application site at time of use.

NOTICE: FAILURE TO COMPLY WITH THESE CONDITIONS AND OTHER PERTINENT LAWS AND REGULATIONS MAY RESULT IN REVOCATION OF YOUR PERMIT AND THE POSSIBILITY OF FURTHER ADMINISTRATIVE ACTION BY THIS DEPARTMENT.

C: DRIFT MINIMIZATION PERMIT CONDITIONS

The following drift minimization measures apply to all restricted materials, in addition to the drift minimization measures described on the pesticide label. Applicators are encouraged to utilize these measures for other pesticides whenever possible to minimize environmental contamination from drift.

AIRCRAFT

- A. Aircraft application equipment used to apply a pesticide spray solution shall be configured as follows:
1. Functional boom length, measured from outboard nozzle to outboard nozzle, shall not exceed 75% of the overall wing span or rotor length.
 2. Boom pressure shall not exceed 40 pounds per square inch for the nozzles being used.
 3. The flow of liquid from each nozzle shall be controlled by a positive shutoff system.
 4. Nozzle orifices shall be directed backward, neutral to the airstream.
 5. Aircraft shall be equipped with:
 - (a) Jet nozzles having an orifice of not less than one-sixteenth of an inch in diameter. Nozzles shall not be equipped with any device or mechanism which would cause a sheet, cone, fan, or similar type dispersion of the discharged material, except helicopters operating at 60 miles per hour or less may add a number 46 (or equivalent) or larger whirlplate;
 - (b) Helicopters operating at 60 miles per hour or less may, instead of (a), be equipped with fan nozzles with a fan angle number not larger than 80 degrees and a flow rate not less than one gallon per minute at 40 pounds per square inch pressure (or equivalent); or
 - (c) After evaluation, the director may authorize other nozzles for aircraft use.
- B. Aerial applications of a pesticide spray solution shall meet the following requirements:
1. Apply only when there is a positive air flow. Wind speed shall not be more than ten miles per hour at the application site, as measured by an anemometer positioned four feet above the ground.
 2. Discharge shall start after entering the target site; discharge height shall not exceed ten feet above the crop or target; discharge shall be shut off whenever necessary to raise the equipment over obstacles; discharge shall be shut off before exiting the target site.

GROUND

- A. Vehicle-mounted or towed ground equipment, other than handguns, used to make applications shall be equipped with:
1. Nozzles having an orifice not less than one-sixteenth of an inch in diameter (or equivalent) and operated at a boom pressure not to exceed the manufacturer's recommended pressure for the nozzles being used; or
 2. Low-pressure fan nozzles with a fan angle number not larger than 80 degrees and nozzle orifice not less than 0.2 gallon per minute flow rate (or equivalent) and operated at a boom pressure not to exceed 15 pounds per square inch.
- B. Applications of a pesticide spray solution made by vehicle-mounted or towed ground equipment shall meet the following requirements:
1. Apply only when wind speed is ten miles per hour or less at the application site, as measured by an anemometer positioned four feet above the ground.
 2. Discharge shall start after entering the target site; discharge shall be shut off before exiting the target site.

F: GROUND WATER PROTECTION REGULATIONS & PERMIT CONDITIONS

Ground Water Protection Materials, Title 3, California Code of Regulations, Section 6800(a): Products containing the following active ingredients are considered groundwater protection materials: Atrazine, Simazine, Bromacil, Diuron, Prometon, Bentazon, and Norflurazon. Use of these materials in a Ground Water Protection Area (GWPA) is prohibited unless one of several management practices is designated on this permit and put in place by the permittee.

Using 6800(a) materials within a Groundwater Protection Area:

*** A Notice of Intent, 24 hours prior to use, is required for use of 6800(a) materials within a groundwater protection area.

ROW. Engineered Rights-of-Way Within Groundwater Protection Areas (3CCR 6487.3): Use of pesticides registered for agricultural, outdoor industrial, and outdoor institutional use containing chemicals listed in section 6800(a) shall be prohibited on engineered rights-of-way in leaching or runoff groundwater protection areas unless one of the following management options can be met:

___ **ROW(a)** The property operator complies with one or more of the Runoff Management Practices, see Runoff Management Practices [for permit condition choices list: ER(a)-R1, ER(a)-R2, etc.]

___ **ROW(b)** Any runoff from the treated right-of-way shall pass through a non-crop fully vegetated area adjacent, and equal in area, to the treated area, or spread out onto an adjacent unenclosed fallow field that is at least 300 feet long and that will not be irrigated for 6 months following application, with full consideration of any plant back restrictions

___ **ROW(c)** The property operator complies with any permit issued pursuant to the storm water provisions of the federal Clean Water Act pertaining to the treated area: WDR/NPDES permit # _____
(Attach copy of WDR/NPDES permit.)

R. Runoff Groundwater Protection Areas (3CCR 6487.4): Use of pesticides registered for agricultural, outdoor industrial, and outdoor institutional use containing chemicals listed in section 6800 (a) shall be prohibited in runoff groundwater protection areas unless one of the following management practices can be met.

___ **R1.** Soil disturbance. Within seven (7) days before the pesticide is applied, the soil to be treated shall be disturbed by using a disc, harrow, rotary tiller or other mechanical method. This subsection does not apply to bentazon, and does not apply to the area to be treated that is immediately adjacent to the crop row and that does not exceed 33% of the distance between crop rows.

___ **R2.** Incorporation of the pesticide. Within 48 hours after the pesticide is applied, the pesticide shall be incorporated on at least 90% of the area treated; using a disc, harrow, rotary tiller, or other mechanical method, or by sprinkler or low flow irrigation, including chemigation if allowed by the label, using a minimum of ¼ inch of irrigation water and a maximum of either 1 inch or the maximum amount of irrigation water specified on the label, at application rates that do not cause surface water runoff from the treated property or to wells on the treated property. This subsection does not apply to bentazon, and does not apply to the area treated with other pesticides listed in section 6800(a) that is immediately adjacent to the crop row and that does not exceed 33% of the distance between crop rows.

___ **R3.** Band treatment. The pesticide shall be applied as a band treatment immediately adjacent to the crop row so that not more than 33% of the distance between rows is treated.

___ **R4.** Timing of application. The pesticide shall be applied between April 1 and July 31

___ **R5.** Retention of runoff on field. For 6 months following the application, the field shall be designed, by berms, levees, or non-draining circulation systems, to retain all irrigation runoff and all precipitation on, and drainage through, the field. The retention area on the field shall not have a percolation rate of more than 0.2 inches per hour (5 inches per 24 hours).

___ **R6.** Retention of runoff in a holding area off the field. For 6 months following the application, all runoff shall be channeled to a holding area off the application site, under the control of the property operator, that is designed to retain all irrigation runoff and all precipitation on, and drainage through, the treated field and all other areas draining into that holding area. The holding area shall not have a percolation rate of more than 0.2 inches per hour (5 inches per 24 hours).

- ___ R7. Runoff onto a fallow field. For 6 months following application, runoff shall be managed so that it runs off onto an adjacent unenclosed fallow field at least 300 feet long that is not irrigated for 6 months after application, with full consideration of any plant back restrictions.
- ___ R8. Recycling of runoff. For six months following the application, runoff collected on the treated site in an excavated retention area that has a percolation rate of greater than 0.2 inches per hour shall be completely recycled, every 24 hours, onto the treated site, neighboring land under the control of the property operator, or neighboring land with the consent of the operator of the neighboring land. (Alternative approved by the Director, DPR – see ENF 2005-006)
- ___ R9. Runoff onto adjacent land. For six months following application, runoff water from the tops and outer sides of canal banks and rights of way, within runoff GWPAs, shall move offsite as overland flow onto adjacent land, at least equal in area to the treated area, where it infiltrates into the soil with no chance of flow into structures such as dry wells, or ditches or excavated retention areas with percolation rates of greater than 0.2 inches per hour. "Overland flow" is the movement of a thin film of water before the water collects into ditches, creeks, or streams. (Alternative approved by the Director, DPR – see ENF 2005-006)

L. Leaching Groundwater Protection Areas (3CCR 6487.5): Use of pesticides registered for agricultural, outdoor industrial, and outdoor institutional use containing chemicals listed in section 6800(a) shall be prohibited in leaching groundwater protection areas unless any one of the following management practices can be met.

- ___ L1. Irrigation water shall not be applied for 6 months following the application of the pesticide.
- ___ L2. The permittee shall apply the pesticide to the planting bed or the berm above the level of irrigation water in the furrow or basin and the water level shall remain at or below that level for 6 months following application of the pesticide.
- ___ L3. Irrigation shall be managed so that the ratio of the amount of irrigation water applied divided by the net irrigation requirement is 1.33 or less for 6 months following application of the pesticide.

C. Approved Alternative Management Practices

- ___ C1. Band applications to citrus trees may be extended to the drip line of the tree, even if the band width exceeds the 33% of the distance between the tree rows currently allowed.
- ___ C2. Soil in a citrus grove does not need to be disturbed prior to application from the drip line of the tree to the row of the same tree, even if that distance exceeds 33% of the distance between tree rows.
- ___ C3. The pesticide does not need to be incorporated in citrus from the drip line of the tree to the row of the same tree, even if that distance exceeds 33% of the distance between tree rows.
- ___ C4. The pesticide may be applied to the tops and outer sides of canal banks and rights-of-way provided that runoff moves off the treated area as overland flow onto adjacent land, at least equal in area to the treated area, where it infiltrates into the soil with no chance of flow into specified structures.
- ___ C5. The pesticide may be applied where irrigation and rainfall runoff from the treated site is stored on the treated site in an excavated retention area with a percolation rate of greater than 0.2 inches per hour if the runoff is completely recycled every 24 hours from the retention area onto the treated site or neighboring land under certain circumstances.

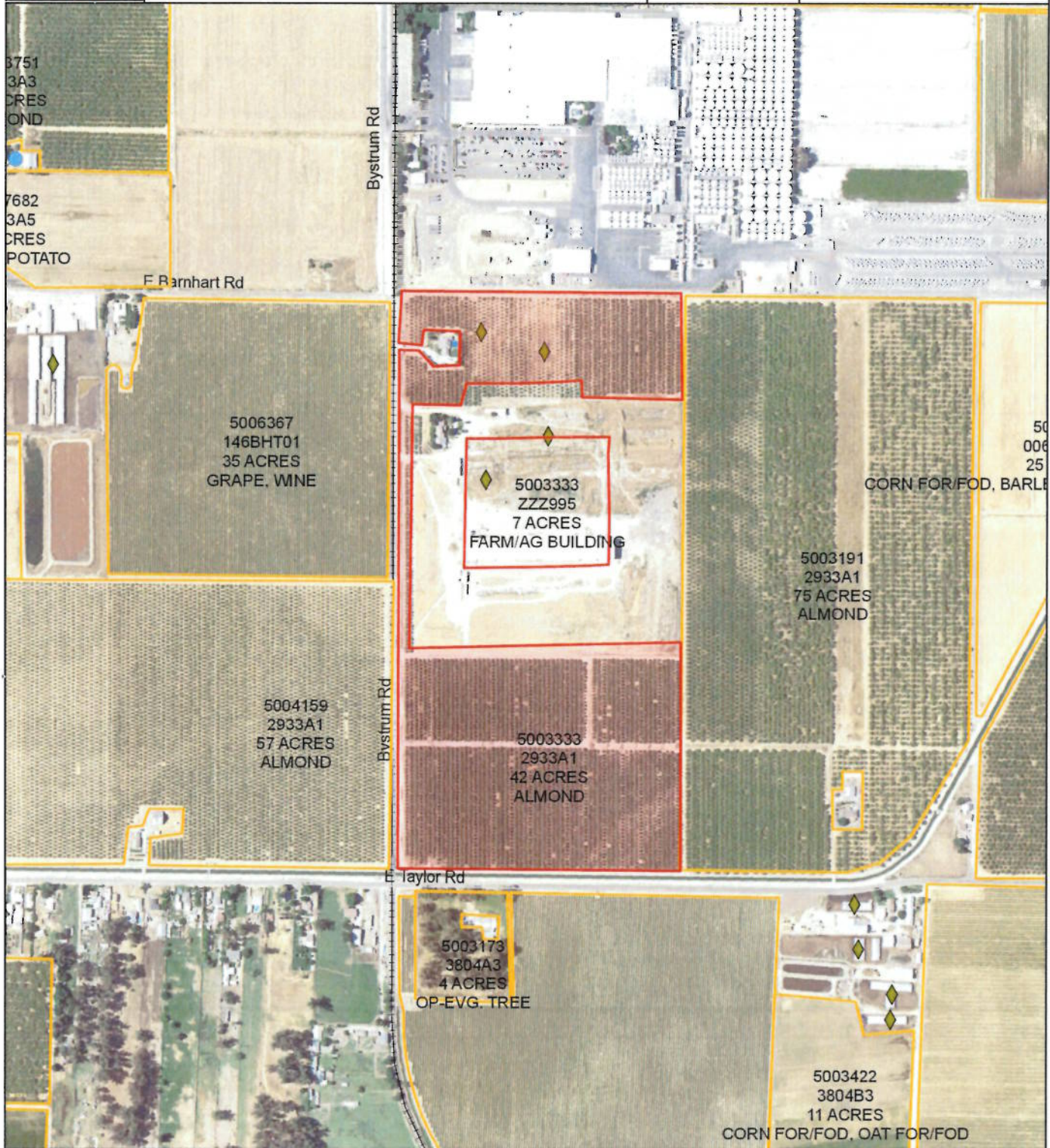
A. Alternative Management Practice or Pesticide Approved by the Director:

- ___ A1. Director approved use of alternative management practices that are based on scientific data demonstrating their effectiveness in reducing movement of pesticides to groundwater. DPR ENF # _____ for crop/commodity _____ . Please see site specific management practices.
- ___ A2. Director approved interim use of 6800(a) material _____ for crop/commodity _____ , within a groundwater protection area; for period not to exceed 3 yrs. Public Notice Start Date _____ Expiration Date _____ . Please see site specific management practices.



Stanislaus County
TAYLOR & BARNHART

Permit Number: 5003333
Created On: 11/19/2018
Operator: GEMPERLE FARMS

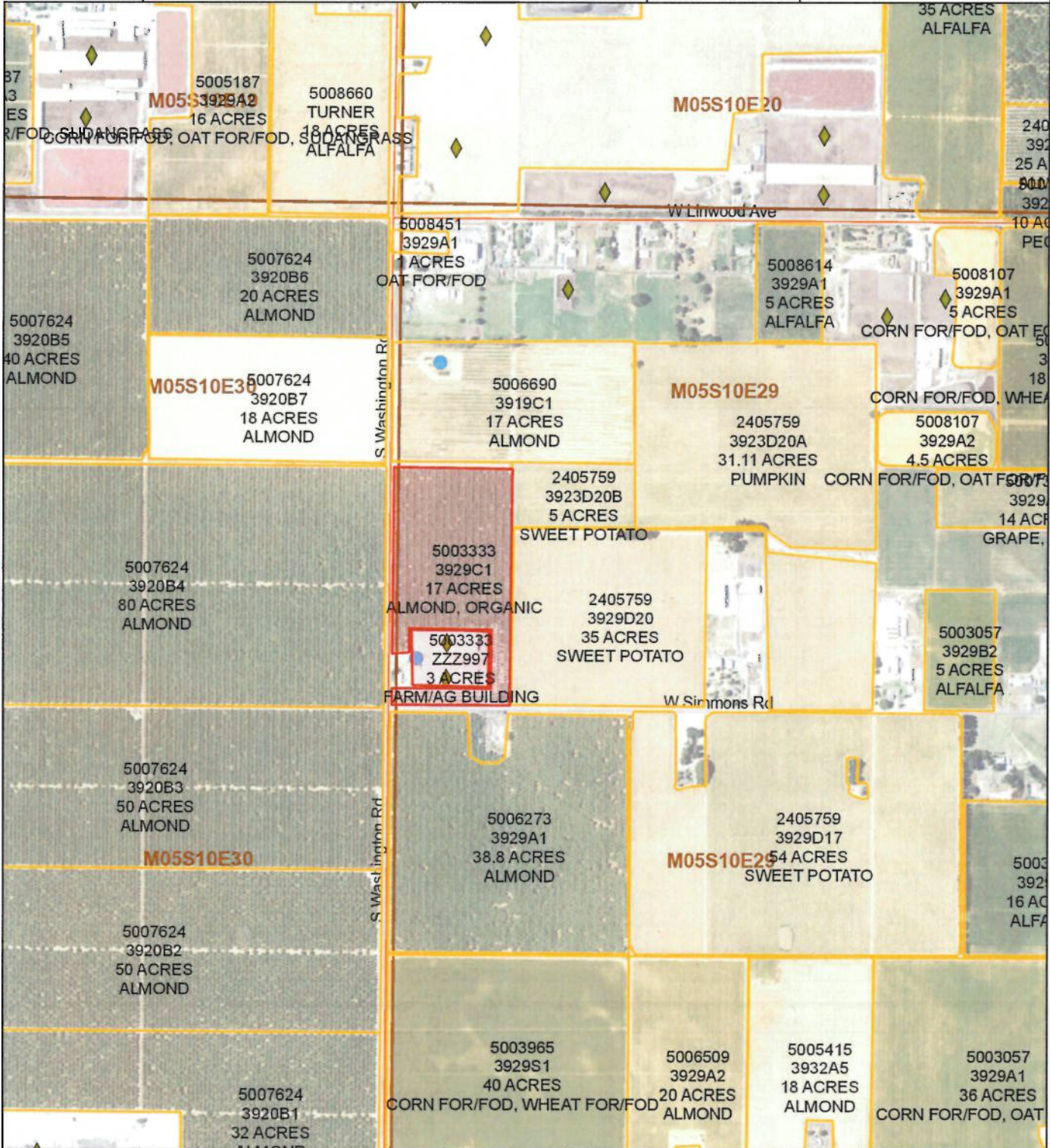


Included Sites: 2933A1, ZZZ995





Stanislaus County	Permit Number: 5003333
WASHINGTON & SIMMONS	Created On: 11/19/2018
	Operator: GEMPERLE FARMS

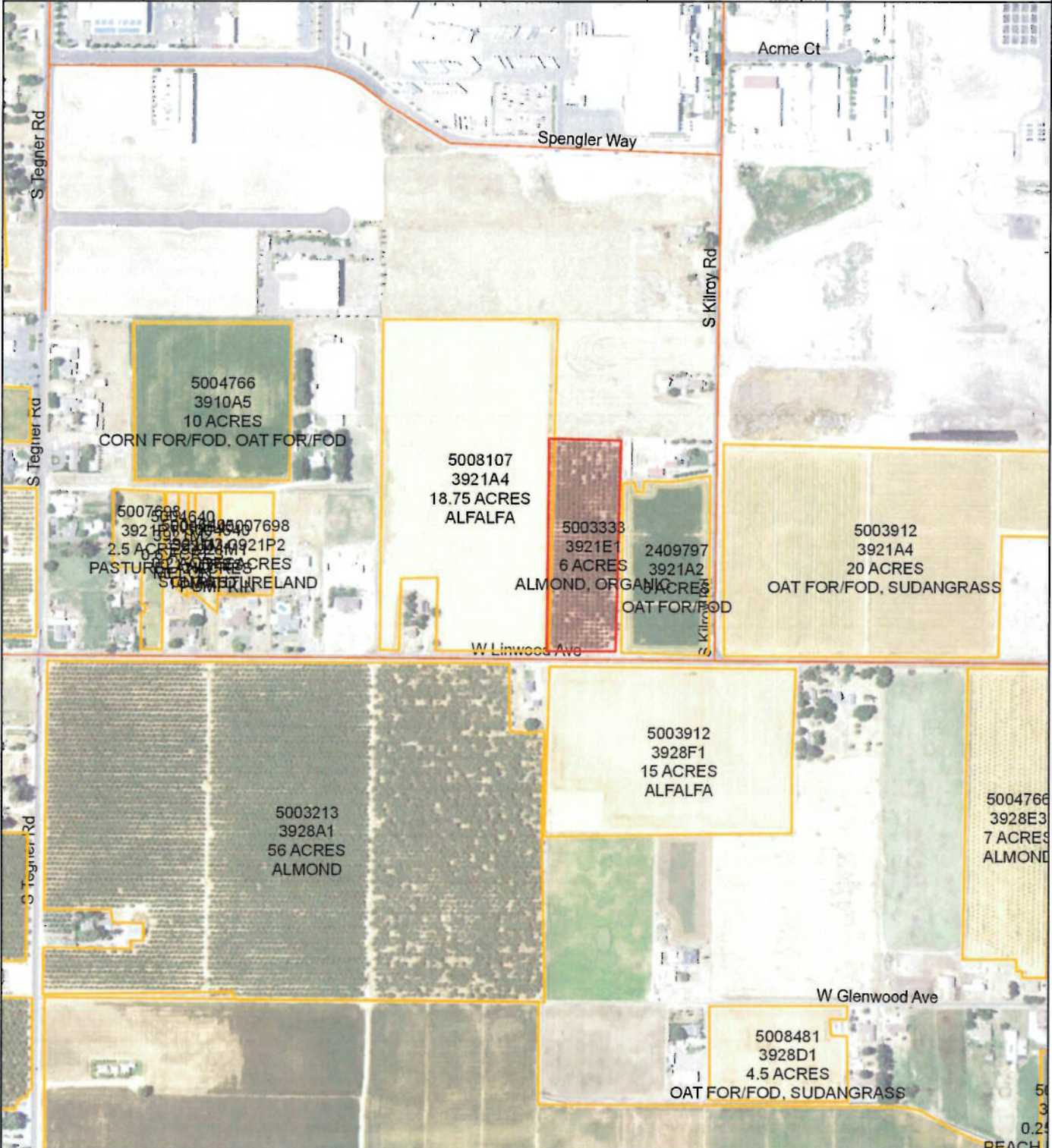


Included Sites:	3929C1, ZZZ997
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Stanislaus County	Stanislaus County	Permit Number:	5003333
	LINWOOD & KILROY	Created On:	11/19/2018
		Operator:	GEMPERLE FARMS

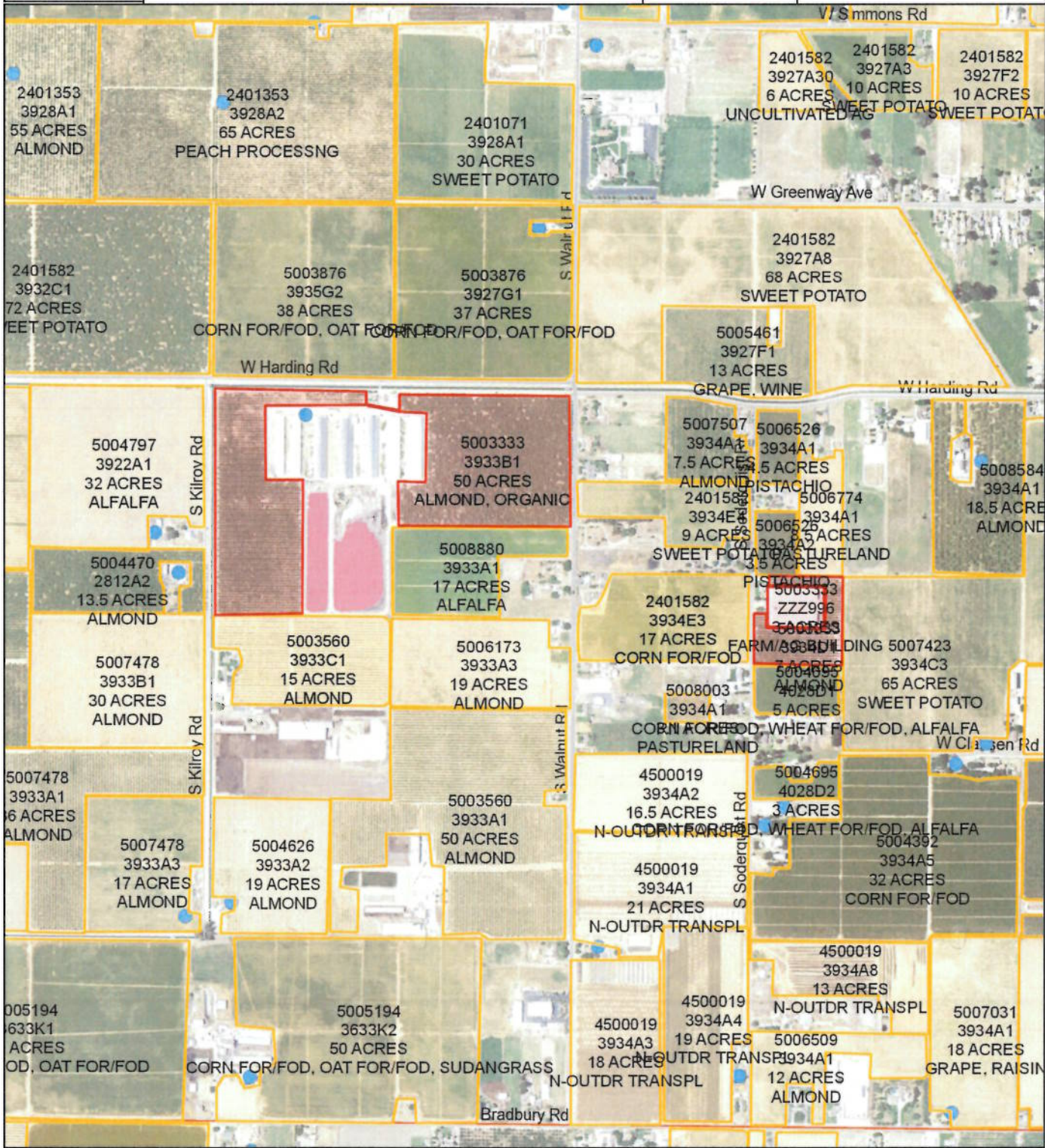


Included Sites:	3921E1
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	Stanislaus County	Permit Number: 5003333
	HARDING & WALNUT, SODERQUIST	Created On: 11/19/2018
		Operator: GEMPERLE FARMS



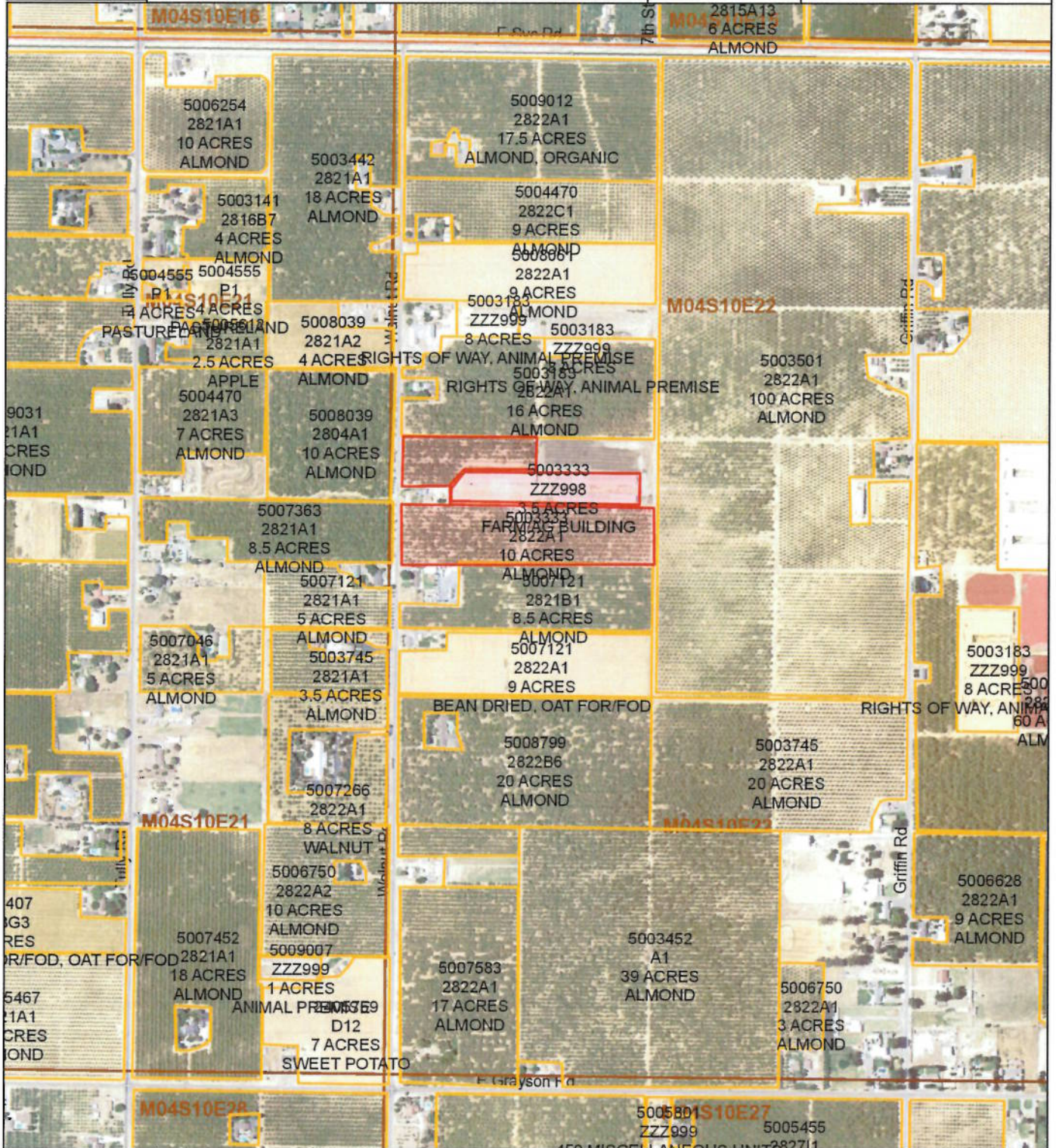
Included Sites:	3933B1, 3934D1, ZZZ996
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Stanislaus County
WALNUT & SERVICE

Permit Number: 5003333
Created On: 11/19/2018
Operator: GEMPERLE FARMS

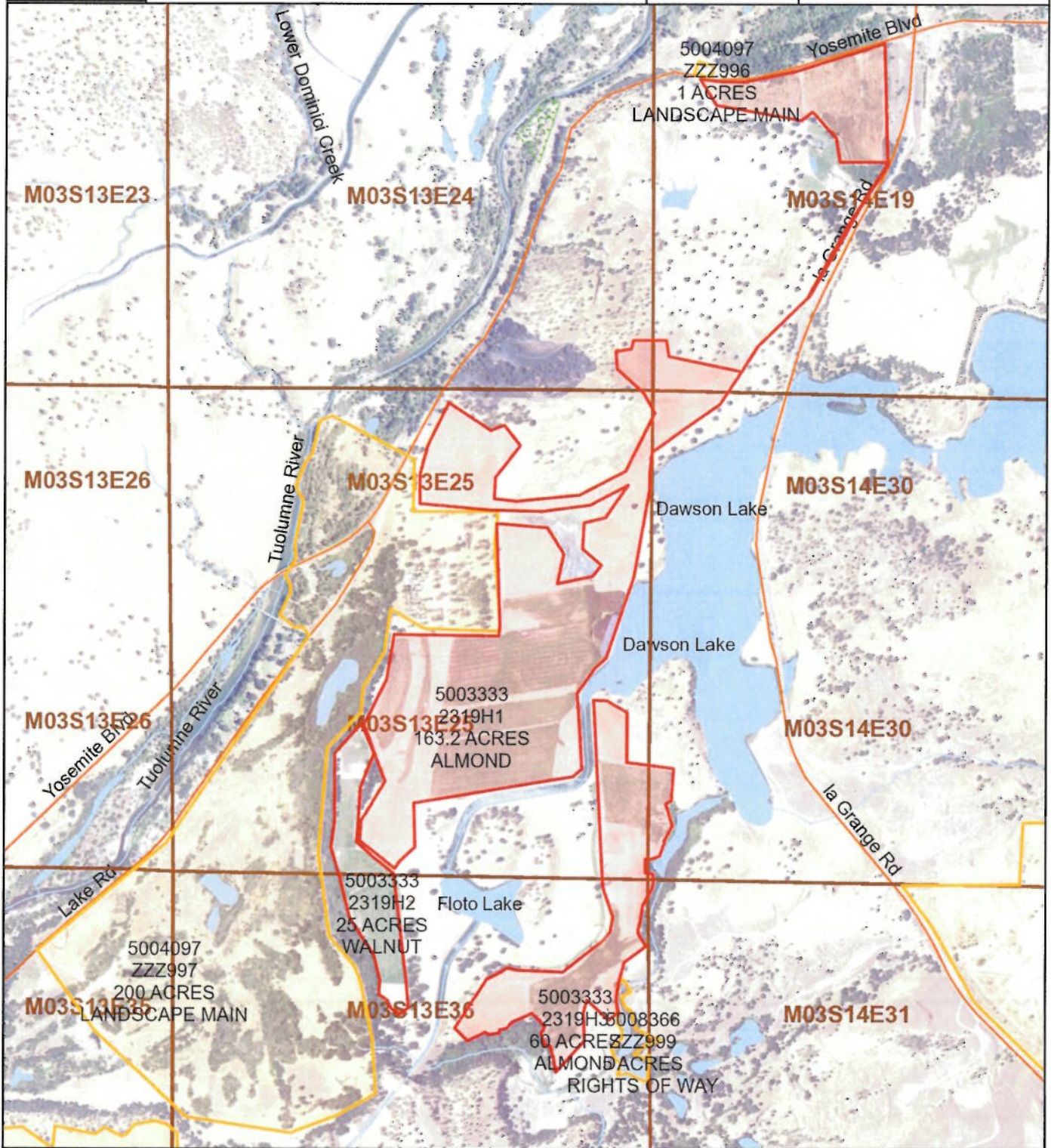


Included Sites: 2822A1, ZZZ998





Stanislaus County	Permit Number: 5003333
SWC HWY 132 and LA GRANGE	Created On: 11/16/2021
	Operator: GEMPERLE FARMS



Included Sites:	2319H1, 2319H2, 2319H3
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Kamaljit Bagri
Agricultural Commissioner/
Sealer of Weights and Measures

Daniel Bernaciak
Assistant Agricultural Commissioner/
Sealer of Weights and Measures

Stanislaus County Renewal Restricted Material Permit/OP ID Application

Date of Request: 11/15/2021		Business or Ranch Name: GEMPERLE FARMS		5003333	
Permit Applicant's First and Last Name: GEMPERLE FARMS			Business Address: 10218 N LANDER AVE, TURLOCK CA, 95380		
Home Phone Number:		Cell Phone Number: (209)604-8660		Business Phone Number: (209)667-2651	
Fax: (209)667-4366			Email: rgemperle@gemperle.com		
QAL/QAC/PAC license holder(s): GEMPERLE, RICHARD J				License Number(s): PA50C7010	
Additional Contacts to be added to permit:					
Do you have a pesticide dealer? If so, their name(s)?			Do you have a Pest Control Advisor (PCA)? If so, their Name?		
Do you have employees? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> NO If yes, are they: <input checked="" type="checkbox"/> Pesticide Handlers <input type="checkbox"/> Fieldworkers <input type="checkbox"/> Neither					
NOTICE: If you do not own a site that you intend to add to your permit you will be required to provide a letter of authorization, lease agreement, or other documentation from the property owner/operator clearly stating that you are their authorized representative in obtaining a Restricted Materials permit (RMP)/Operator Identification Number (Op Id) for that site as defined in Section 6000 of the California Code of Regulations before that site can be added to your RMP/Op Id.					
Are there changes to the permit? If so, check type of changes:					
<input checked="" type="checkbox"/> Add Sites		<input type="checkbox"/> Remove Sites			
<input type="checkbox"/> Add Restricted Material		<input type="checkbox"/> Remove Restricted Material			
<input type="checkbox"/> Change Acreage		<input type="checkbox"/> Change Crops			
<input type="checkbox"/> Other:					
List new sensitive areas that could be adversely impacted by the use of restricted materials and mitigation measures to reduce risks					
Applicant Signature: 					

*Excluding email addresses and telephone numbers, information on Restricted Material Permits and Operator Identification Numbers is Considered public record

Alternatives and Mitigation Considerations

The following Pesticide Alternatives and Mitigation Measures have been considered and/or have been adopted, if reasonable, feasible, or practical in order to substantially lessen any significantly adverse impacts to the environment, as required by CCR 6426(a), in reviewing the need for the following Restricted Materials:

<input type="checkbox"/> 1) ZINC PHOSPHIDE	<input type="checkbox"/> 2) PARAQUAT DICHLORIDE	<input type="checkbox"/> 3) DIFETHIALONE	<input type="checkbox"/> 4) DIFENACOUM
<input type="checkbox"/> 5) BROMADIOLONE	<input type="checkbox"/> 6) BRODIFACOUM	<input type="checkbox"/> 7) ALUMINUM PHOSPHIDE	<input type="checkbox"/> 8) 2,4-D

In the list of chemicals above, cross out any restricted materials you wish to remove from your permit and do not include on information below. For those materials that remain please use the material ID code (ie 1,2, ...) above to fill in sections A, B, and C.

A. Non-chemical pest management alternatives considered:

_____ **Cultural Practices** (e.g. cleaning equipment, field sanitation, pest resistant varieties, climate evaluations, remove mummy nuts, irrigation practices etc.)

2, 8, _____ **Mechanical/Physical** (e.g. disking, mowing, hoeing, mulching, traps, weed burners, steam sterilization of the soil, cover crops etc.)

1, 7 _____ **Biological Controls** (e.g. natural enemy/parasitoid release, predator habitat creation, pest/disease resistance/tolerance, etc.)

_____ **Other** _____

B. Mitigation measures considered:

2, 8 _____ **Reduced Risk Chemical Alternatives** (e.g. non-restricted pesticide products, biological pesticide use, certified organic, mating disruption, FIFRA section 25(b) exempt minimum risk pesticide use, etc.)

_____ **Engineering Control** (e.g. air-gaps, berms, closed systems, check valves, proper equipment selection, etc.)

all materials 1, 2, 3, 4, 5, 6, 7, 8, _____ **Administrative Controls** (e.g. Integrated Pest Management, pest evaluations, proper pest identification, climate monitoring, application coverage evaluations, flagging, safety trainings, equipment maintenance, hazard communication, postings, spot treatments, etc.)

_____ **Personal Protective Equipment** (e.g. protective gear to prevent exposure to skin, eyes, ingestion, inhalation, etc.)

_____ **Other** _____

C. Reason Alternative and Mitigation Considerations are not reasonable, feasible, and/or practical by material code:

_____ Not economically feasible

_____ Poor efficacy

_____ Logistics (equipment not available, weather, regulatory restrictions, international export requirements, timing etc.)

_____ Other unused inventory will need to be applied

Applicant Signature *Rjg/le* Date 11/16/21