



Merced County Agricultural Commissioner's Office
2139 Wardrobe Avenue
Merced, CA 95341

Phone: (209)385-7431
Fax: (209)725-3536

Web: https://www.countyofmerced.com/58/Ag-Commissioner

RESTRICTED MATERIALS PERMIT: 24-22-5003333

Operator:GEMPERLE FARMS

Agent:GEMPERLE FARMS

Mailing Address:10218 LANDER AVENUE
TURLOCK, CA 95380-9627

Physical Address:

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

5003333-2022-Version: 3

County District #:5

Issued on:2/1/2024

Valid as of:2/1/2024

Expires on:12/31/2024

Primary Phone: (209) 667-2651

Alternate Phone: (209) 604-8660

Mobile Phone: (209) 634-4687

Fax: (209) 667-4366

Phone:(209)667-2651

License #:50C7010

License Type:PAC

Expiration:12/31/2024

Type of Use:Agricultural Use

Pesticide Possession:Possession and Use

Permit Duration:Multi-Year

Employees Handle Pesticides

Permit Conditions:17, 1, 2, 3, 5, 13, 10

Site Conditions:8 (L), 8(L)

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:

(Name & Title)

Applicant Signature:

Date:

Issuing Officer:

Date:

CONTACT LIST

<u>Name</u>	<u>Auth Rep.</u>	<u>Phone</u>	<u>License</u>	<u>Expiration</u>	<u>Contact Type</u>
AG PRODUCTION COMPANY - TURLOCK		(209) 634-4951	34326	12/31/2024	PDM
GEMPERLE, RICHARD	yes	(209) 667-2651	50C7010	12/31/2024	PAC
MARTZEN, JOHN		(559) 908-9867	75551	12/31/2025	PCA ABCDEFG
GAR TOOTELIAN INC			38734	12/31/2020	PCM

PESTICIDES LIST

<u>Number</u>	<u>Pesticide</u>	<u>Pests</u>	<u>Forms</u>	<u>Methods</u>	<u>Applicators</u>
484	ALUMINUM PHOSPHIDE	squirrels	All Reg.	Ground	PCB
554	STRYCHNINE	gophers	All Reg.	Ground	PCB/Operator
573	1,3-DICHLOROPROPENE	nematodes, soil pest, soil pests	All Reg.	Fumigation	PCB
626	ZINC PHOSPHIDE	rodents	Bait	Other	PCB/Operator
636	2,4-D	weeds	All Reg.	Ground	PCB/Operator
999	NON-RESTRICTED USE	as per label	All Reg.	Ground	PCB/Operator
1601	PARAQUAT	weeds	All Reg.	Ground	Operator
2049	BRODIFACOUM	rodents	Bait	Ground	PCB/Operator
2135	BROMADIOLONE	rodents	Bait	Ground	PCB/Operator
4014	DIFETHIALONE	rodents	Bait	Ground	PCB/Operator
5942	DIFENACOUM	rodents	Bait	Ground	PCB/Operator

SITES REQUIRING SCHOOLSITE NOTIFICATION

002

List current as of 02/01/2024 - check with the County Agricultural Commissioner's Office for an updated list.

SITES LIST

<u>Site</u>	<u>Location Site Name</u>	<u>District</u>	<u>Section (MTRS)</u>
	<u>Commodity Name/Code</u>	<u>Quantity</u>	
001	S/BRADBURY & 1/2 W/LANDER S/BRADBURY & 1/2 W/LANDER ALMOND / 3001-0	52 ACRES	5 M06S10E03
Pesticide #s:	554 (STRYCHNINE), 636 (2,4-D), 484 (ALUMINUM PHOSPHIDE), 626 (ZINC PHOSPHIDE), 1601 (PARAQUAT)		
	ANIMAL PREMISE / 61001-0	2 ACRES	
Pesticide #s:	2049 (BRODIFACOUM), 2135 (BROMADIOLONE), 5942 (DIFENACOUM), 4014 (DIFETHIALONE)		
Conditions:	8(L) - GWPA Site-LEACHING		

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002	S/SCHENDEL & 1/3 W/MERCED S/SCHENDEL & 1/3 W/MERCED ALMOND / 3001-0 70 ACRES	5	M06S11E07
Pesticide #s:	554 (STRYCHNINE), 484 (ALUMINUM PHOSPHIDE), 626 (ZINC PHOSPHIDE)		
Pesticide #s:	ANIMAL PREMISE / 61001-0 2 ACRES		
Conditions:	2049 (BRODIFACOUM), 2135 (BROMADIOLONE), 5942 (DIFENACOUM), 4014 (DIFETHIALONE) 8(L) - GWPA Site-LEACHING		
004	1/4 E/LANDER & S/OSLO 1/4 E/LANDER & S/OSLO ALMOND / 3001-0 56 ACRES	5	M06S10E11
Pesticide #s:	554 (STRYCHNINE), 636 (2,4-D), 484 (ALUMINUM PHOSPHIDE), 626 (ZINC PHOSPHIDE), 1601 (PARAQUAT)		
Pesticide #s:	ANIMAL PREMISE / 61001-0 2 ACRES		
Conditions:	2049 (BRODIFACOUM), 2135 (BROMADIOLONE), 5942 (DIFENACOUM), 4014 (DIFETHIALONE) 8(L) - GWPA Site-LEACHING		
005	N/AUGUST & 1/5 E/GOLF LINK RD. N/AUGUST & 1/5 E/GOLF LINK RD. ALMOND / 3001-0 120 ACRES	5	M06S10E12
Pesticide #s:	554 (STRYCHNINE), 636 (2,4-D), 484 (ALUMINUM PHOSPHIDE), 626 (ZINC PHOSPHIDE), 1601 (PARAQUAT)		
Pesticide #s:	ANIMAL PREMISE / 61001-0 2 ACRES		
Conditions:	2049 (BRODIFACOUM), 2135 (BROMADIOLONE), 5942 (DIFENACOUM), 4014 (DIFETHIALONE) 8(L) - GWPA Site-LEACHING		
006	1/3 W/GOLF LINK & N/JOHNSON 1/3 W/GOLF LINK & N/JOHNSON ALMOND / 3001-0 14 ACRES	5	M06S10E02
Pesticide #s:	554 (STRYCHNINE), 636 (2,4-D), 484 (ALUMINUM PHOSPHIDE), 626 (ZINC PHOSPHIDE), 1601 (PARAQUAT)		
Conditions:	8(L) - GWPA Site-LEACHING		
008-O	1/2 E/DRY CREEK RD & N/TURLOCK - ORGANIC 1/2 E/DRY CREEK RD & N/TURLOCK - ORGANIC ALMOND / 3001-0 186 ACRES	1	M05S13E20
Pesticide #s:	999 (NON-RESTRICTED USE)		
008	1/2 E/DRY CREEK RD & N/TURLOCK 1/2 E/DRY CREEK RD & N/TURLOCK ALMOND / 3001-0 318 ACRES	1	M05S13E20
Pesticide #s:	554 (STRYCHNINE), 636 (2,4-D), 573 (1,3-DICHLOROPROPENE), 484 (ALUMINUM PHOSPHIDE), 626 (ZINC PHOSPHIDE), 1601 (PARAQUAT)		
009	S/W VINCENT & LINWOOD S/W VINCENT & LINWOOD ALMOND / 3001-0 23 ACRES	1	M05S11E29
Pesticide #s:	999 (NON-RESTRICTED USE), 636 (2,4-D), 484 (ALUMINUM PHOSPHIDE), 1601 (PARAQUAT DICHLORIDE)		
Conditions:	8 (L) - GWP Leaching, 8(L) - GWPA Site-LEACHING		
010	S/FOWLER & 1/2M W/LANDER AVE. S/FOWLER & 1/2M W/LANDER AVE. ALMOND / 3001-0 32 ACRES	5	M06S10E03
Pesticide #s:	554 (STRYCHNINE), 636 (2,4-D), 573 (1,3-DICHLOROPROPENE), 484 (ALUMINUM PHOSPHIDE), 626 (ZINC PHOSPHIDE), 1601 (PARAQUAT)		
Conditions:	8(L) - GWPA Site-LEACHING		

OPERATION-WIDE CONDITIONS

17 RM Alternatives Consideration

Restricted Material Alternatives Consideration

Material (1): 484 (8) 2135

Material (2): 554 (9) 4041

Material (3): 573 (10) 5942

Material (4): 626

Material (5): 636

Material (6): 1601

Material (7): 2049

Alternatives considered (use numbers above to identify considerations below):

 636, 1601 Mechanical/physical (hand; mowing; mech. cultivation; solarization; trapping; burning; grazing)

 484, 554 Bio-control

 reduced risk/non-restricted/Organic/Section25 (b)

 1-10 Other: Non-restricted use when possible.

Reasons alternatives are not feasible:

 Not economically feasible

 Efficacy

 logistics (equipment not available, weather, regulatory restrictions, timing)

Additional information:

AL.

PHOSPHIDE IS PCB APPLIED ONLY.

Cumulative exposure considered yes

Materials considered (if any)

1 Restricted Materials Cond.

MERCED COUNTY
AGRICULTURAL COMMISSIONER'S OFFICE
RESTRICTED MATERIALS PERMIT CONDITIONS

1. Seasonal or multi-year restricted materials permits are issued to growers or their authorized representatives who have been certified to use restricted materials. Pest control dealers and agricultural pest control businesses must have a copy of the permit in their possession prior to sale, delivery, or application of restricted materials.

2. Permits are valid only for those materials listed. A notice of intent (NOI) shall be submitted 24 hours prior to the use of listed restricted materials. NOIs are accepted by phone, fax, electronic submission through the CalAg Permits program, and at the Agricultural Commissioner's offices.

3. Under Title 3 of the California Code of Regulations (3CCR), section 6426, a permit applicant (grower) and his/her pest control adviser shall consider alternatives prior to the use of a California restricted material. While this specific requirement is directed at agricultural use, the general requirement to consider alternatives applies to all permits. Merced County Agricultural Commissioner (MCAC) staff will ask the permit applicant and/or his/her pest control adviser a series of questions regarding alternative practices and reasoning why certain practices are not utilized by the permit applicant. Additionally, cumulative exposures of pesticides are considered and discussed when warranted by MCAC staff when obvious trends in usage are discovered through a precursory evaluation of pesticide use reports. Although cumulative exposure primarily falls within the expertise and purview of the United States Environmental Protection Agency and the California Environmental Protection Agency, MCAC staff attempt to identify any obvious patterns and refer to published information including labels, safety data sheets, and other informational sources to bring awareness of possible concerns. The discussion between MCAC staff and the permit applicant and/or his/her pest control adviser will be documented in condition 17 "RM Alternatives Consideration." MCAC staff evaluates the issuance of every California restricted material permit, the submission of every NOI, and use of every California restricted materials to determine if substantial adverse environmental impacts may result from the application. If it is determined those impacts exist and/or a feasible alternative exist, the commissioner shall deny the permit, or condition

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the permit to utilize feasible mitigation measures that would substantially reduce the environmental impact. By signing the permit, the permit applicant acknowledges the discussion of alternatives and reasoning why certain practices are not utilized.

4. Except as conditioned below, a NOI shall be submitted at least 24 hours prior to the intended application. If the intended application does not take place, permittees must notify the Agricultural Commissioner within seven (7) days after the intended application date. UNLESS determined not feasible by the Agricultural Commissioner, the application shall commence within the following four-day period and proceed as scheduled. If applications do not commence within the four-day period, notify the Agricultural Commissioner of the new intent date.

5. NOIs restricted materials containing the following active ingredients shall be submitted at least 48 hours prior to the intended application*.

- a. metam sodium or metam potassium
- b. dazomet
- c. 1,3 dichloropropene
- d. chloropicrin
- e. chlorpyrifos

*Accurate maps are required for field and tree-hole fumigations, showing actual distances to property lines, residential areas, sensitive sites (including schools), occupied structures, or other areas determined by the Commissioner. Required buffers shall also be indicated on the map. If a structure will be vacated for the application and REI, please make sure this is indicated on the NOI, recommendation, and map submitted. Refer to these requirements in the absence of specific conditions or regulations pertaining to NOI and map requirements.

6. Before use of fumigants containing the active ingredients metam sodium, metam potassium, or dazomet, the property operator or the property operators designated agent must complete a Department of Pesticide Regulation approved metam potassium/metam sodium stewardship certification training within the previous 12 months of the date of application and hold a valid certified applicators license or certificate.

7. "Other sensitive sites" referred to in Merced County permit conditions shall include, but are not limited to schools, rural residential areas, urban residential areas, sensitive aquatic sites, hospitals, endangered species habitat areas, occupied labor camps, churches, and day care centers

8. School notification requirements and use restrictions for Pesticide Use Near School Sites (3CCR 6690, 6691, & 6692)

- a. Effective January 1, 2018, growers and pest control businesses are prohibited from making certain pesticide applications within ¼ mile of public K-12 school sites/licensed child daycare facilities Monday through Friday between 6AM -6PM. This includes all applications by aircraft, sprinklers, air-blast sprayers, and all fumigant applications.
- b. Growers with sites within ¼ mile of a public K-12 school sites/licensed child daycare facilities must provide an annual school notification, which lists all the pesticides expected to be used during the upcoming July through June period. This must be provided to the principal or licensed child daycare facility administrator, as well as Merced County Agricultural Commissioner by April 30 each year.

9. Paraquat Label Changes for Certified Applicators.

- a. Paraquat dichloride is a California restricted material and a federal Restricted Use Pesticide (RUP). The product is for use ONLY by a certified applicator and prohibits use by uncertified persons working under the supervision of a certified applicator. This restriction applies to all Paraquat handling activities (including mixing, loading, and applying). A grower or grower's employee must possess one of the following: Private Applicator Certificate (PAC), Qualified Applicator License (QAL) or Qualified Applicator Certificate (QAC). Pest Control Business employees must have a QAL or QAC with the appropriate category. Certified applicators handling Paraquat must pass and obtain a certificate of completion of "How to Safely Use and Handle Paraquat" from the following website: <https://www.epa.gov/pesticide-worker-safety/paraquat-dichloride-training-certified-applicators> (retain for your records).

10. Emergency exemption (Section 18) permits will be issued on both seasonal and multi-year permits. Permission to use Section 18 pesticides expires at the same time the current Section 18 registration expires. If the Section 18 pesticide is subsequently re-registered, the permittee must appear in person to obtain a new Section 18 permit. Third party special local need (SLN) registrations will be issued with either seasonal or multi-year permits. Third party SLN registrations are in effect until canceled. SLN and/or Section 18 labels must be present at the application site at time of use.

11. Seasonal permits for fumigants on established tree and vine sites are intended for tree-hole fumigations only. Permittees must wait for approval to proceed after submitting the required NOI. NOI's will be conditioned when appropriate with buffer zones and per-day acreage limitations. Prior to approving NOI's, the permittee must have a signed permit acknowledging receipt of "Tree-Hole Fumigation Requirements" on file with the Merced County Agricultural Commissioner.

12. Permits are not valid unless used in accordance with established supplemental permit conditions of the Merced County Agricultural Commissioner:

Condition Number

1. Restricted Materials Permit Conditions
2. General Drift Minimization Conditions
3. Bee Protection Policy
4. Tribufos (Def/Folex)
5. Phenoxy and Other Volatile Herbicides
6. Rice Pesticide Conditions
7. Chloropicrin (+2%)
8. Groundwater Protection
9. Metam sodium, Metam potassium, and dazomet (10 separate methods)
10. 1, 3 Dichloropropene
11. Tree-Hole Fumigations
12. Commodity Fumigations
13. Endangered Species Information
14. Section 18 Materials
15. Methyl Bromide Field Fumigation
16. Chlorpyrifos
17. Restricted Material Alternatives

13. Property operators and Pest Control Businesses associated with the use of the following fumigants for field fumigations are jointly (when applicable) responsible for compliance with the above mentioned permit conditions and corresponding sections of Title 3, California Code of Regulations.

Fumigant

Corresponding Title 3, California Code of Regulations

Methyl bromide:

6445, 6445.5, 6447, 6447.1, 6447.2, 6447.3, and 6776(f).

1,3-Dichloropropene (singly or jointly with Chloropicrin):

6448, 6448.1, and 6776(f)

Chloropicrin:

6449, 6449.1, and 6776(f)

Metam-sodium or Metam-potassium:

6450, 6450.1, and 6776(f).

Dazomet:

6450, 6450.2, and 6776(f).

14. All permit conditions are to be used in conjunction with label directions and any applicable laws and regulations. Whenever requirements differ, users shall always follow the more restrictive.

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 LEGAL ACTION BY THIS DEPARTMENT.

2 Drift Minimization

I. 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 the manufacturer's recommended pressure for the nozzles being used.

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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 no 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 whirl-plate;

(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.
- C. When using California restricted herbicides near sensitive sites, a continuous smoke column or other satisfactory device shall be employed to indicate the direction and velocity of the airflow, and indicate a temperature inversion by layering of smoke. Applications shall not be made when a temperature inversion exists.

II. 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.

3 Bee Protection

MERCED COUNTY AGRICULTURAL COMMISSIONER'S OFFICE POLICY AND PERMIT CONDITIONS FOR BEE PROTECTION

A. GENERAL POLICY for pesticide applications when environmental hazards statements on the label indicate the pesticide is toxic or highly toxic to bees. These applications shall not be made when crop or weed bloom is present in the application site or adjacent borders except under the following conditions:

1. Person performing pest control notifies beekeepers, after inquiring on the new BEE WHERE program (www.beewhere.calagpermits.org) for those beekeepers who have previously requested notification of such operation, within one mile of such property unless a greater distance is specified in the permit conditions in Section B below.
2. Such notification of pesticide applications shall be by collect telephone call or other expedient means provided by the beekeeper and at the beekeeper's expense. The beekeeper shall specify a 2-hour period between 6:00 a.m. and 8:00 p.m. daily, when he or she will be available for the notification. Notification shall include the time and date of intended pesticide application, location, crop, acreage, method, identity and amount of pesticide.
3. Notification shall be given at least 48 hours prior to application, allowing the beekeeper time to move, cover or otherwise protect the bees.
4. If the beekeeper fails to properly protect the apiary within the 48-hour period, the application may be made without delay provided the application is otherwise in compliance with the label and there is not a reasonable possibility of drift over apiaries.

5.If the product label states that the pesticide is toxic or highly toxic to bees exposed to “residues on blooming crops or weeds”, applications are prohibited if temperatures are forecast to be above 55°F during daylight hours on the day following application. (Refer to: <https://www.cdpr.ca.gov/docs/county/cacitrs/penftr/penf2009/2009008.htm>)

B.PERMIT CONDITIONS (General Policy provisions above are incorporated as permit conditions when the pesticide is a restricted material):

1.Carbaryl in Orchards – Notice of intent shall not be approved in the following circumstances:

a.Almonds: January 31 or two weeks prior to blossom, whichever is later.

b.Peaches after pink bud stage through petal fall.

c.Apricots after red bud stage through petal fall.

d.Plums and prunes after red bud stage through petal fall.

e.Nectarines in bloom except when application is made when bees are not in the field (after sunset and before sunrise).

2.Use of Carbaryl on alfalfa.

a.If bloom is present in the treatment area and bees are pollinating surrounding crops, notices of intent shall not be approved.

5 Phenoxy & Benzoic Herbicides

1.These permit conditions pertain to all phenoxy-type herbicides (2,4-D, 2,4-DB, MCPA), Benzoic-type herbicides (dicamba), and their derivatives.

2. Applications of these herbicides shall not take place if the temperature reaches or is forecasted to reach 85 degrees at anytime during the day of application. This restriction shall not apply to Benzoic-type herbicides (dicamba) if in compliance with condition 6 (a-h).

3. Weather forecasts shall be obtained from the National Oceanic and Atmospheric Association’s National Weather Service Forecast at: <http://www.wrh.noaa.gov/sto/>

4.Applications of these herbicides shall not take place when there is a critical temperature inversion present or forecasted during the time of application.

5.Application of Ester formulations of these materials are prohibited.

6.The following restrictions apply to these herbicides from the start of bud break (Bud break is defined as the stage of development when green tissue becomes visible at tip of bud, also known as bud burst), which is approximately March 16th through the growing season, approximately October 15th.

a.All aerial applications of these materials shall be prohibited.

b.No application shall be made on any area situated within two miles of any cultivated commercial vineyard or cotton planting belonging to any person other than the owner of the property being treated unless there is a continuous air flow away from such planting, but in no case shall any application be made within one-half mile of such plantings

c.No applications shall be made unless the wind conditions are between 2-7 miles per hour.

d.Drift reducing agents must be used for all non-orchard applications.

e.Applications shall be limited to 100 acres or less per day within a 2 mile radius of the perimeter of the application site when applied by the same property operator and/or their agents (pest control businesses).

f.Applications shall not take place 48 hours prior to approaching changes in weather patterns which would cause weather disturbances such as, but not limited to, high winds, precipitation, and/or unstable or unseasonable air masses.

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g. The applicator must note on the Notice of Intent the location of any cotton, grapes, and/ or other sensitive crops (as described in, but not limited to label precautions) within a two mile radius of the perimeter of the application site.

h. Condition 6(b) shall not apply to strip applications made to orchard floors. Strip applications to orchard floors shall not take place within one-half mile of any commercial vineyard or cotton planting belonging to any person other than the owner of the property being treated.

7. The following apply to applications of the herbicides listed during the period between October 16 through March 15:

a. No aerial applications when sensitive crops such as vegetable and truck crops, nurseries, grapes, and open greenhouse plantings, etc. are within 1/2 mile up wind or one mile downwind.

b. Material to be discharged no higher than ten (10) feet above the crop and no application may continue when the wind speed exceeds 10 mph.

8. Each operating nozzle shall produce a droplet size, in accordance with the manufacturers' specifications, not less than 500 microns volume median diameter (Dv0.5) with ten (10) percent of the diameter by volume (Dv0.1) not less than 200 microns.

9. Any conflicts between labels, applicable regulations, and/or these conditions shall be resolved in favor of the stricter interpretation.

10. Additional site- specific conditions may be added to applications of these herbicides as deemed necessary by the Agricultural Commissioner

11. Application of these herbicides in any other manner than those expressed in these conditions is prohibited without written authorization from the Agricultural Commissioner.

13 Endangered Species Information

ENDANGERED SPECIES INFORMATION

For information regarding restrictions on pesticide use on sites listed in this permit, The California Department of Pesticide Regulation has constructed the following website to assist you in determining the possible pesticide use limitations for specific active ingredients in your area. Consult the website to determine the presence of endangered species and/or use limitations.

<http://www.cdpr.ca.gov/docs/es/prescint.htm>

10 1,3 dichloropropene Cond.

Signature of permit acknowledges receipt of conditions.

SITE CONDITIONS

8 (L) GWP Leaching

GWP Leaching

8(L) GWPA Site-LEACHING

THIS PERMIT CONTAINS GROUND WATER PROTECTION AREAS

The above listed sites on this permit are designated as being in Ground Water Protection Areas. Products containing the following active ingredients are considered groundwater protection materials: Atrazine, Simazine, Bromacil, Diuron, Prometon, Bentazon, Norflurazon and uses are prohibited unless listed and conditioned on a restricted materials permit for these sites.

Permitee;

- Does not use 6800(a) materials,
- Uses 6800(a) materials, see attached site specific permit conditions



Merced County Ag Commissioner's Office County

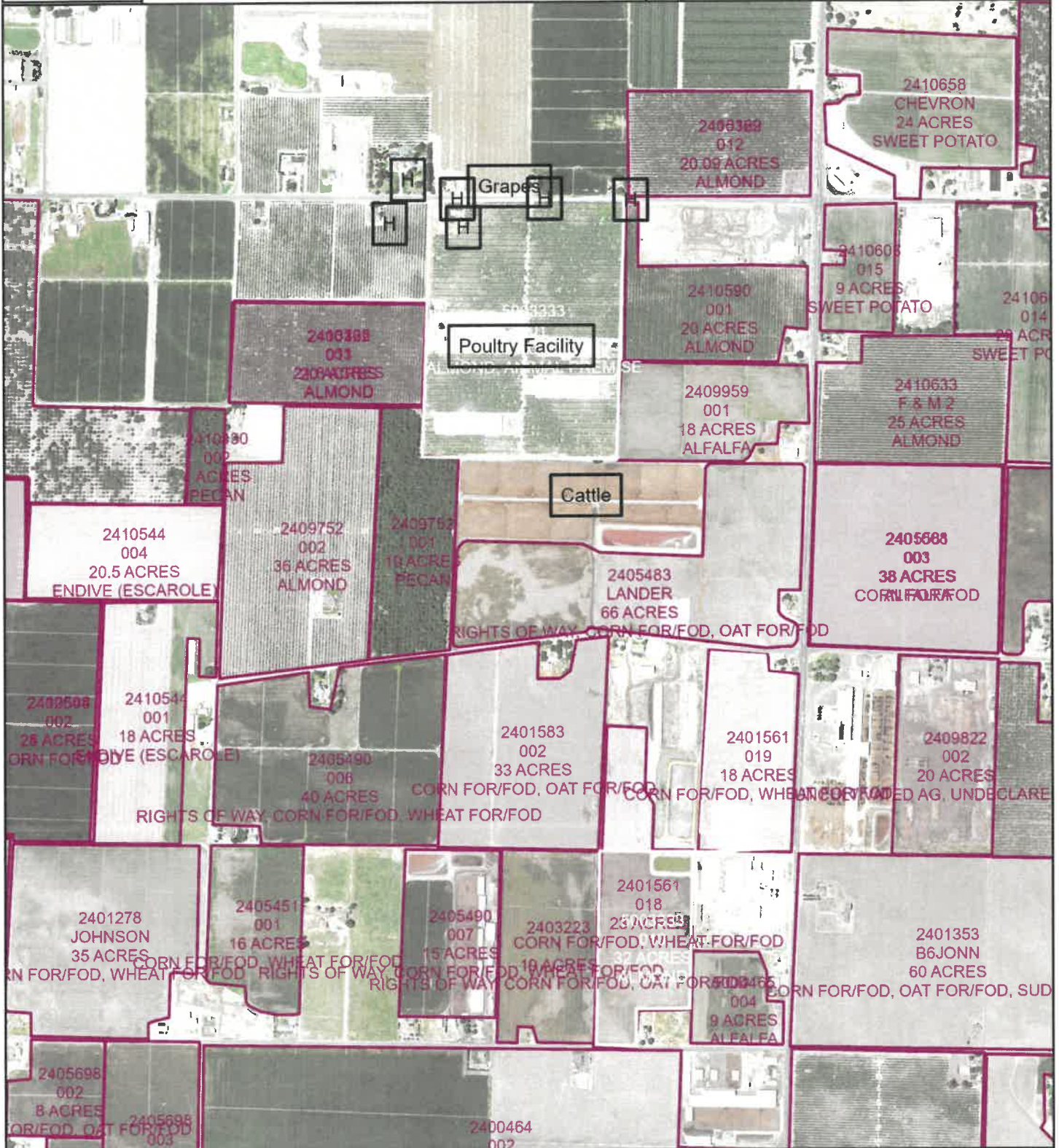
Permit Number: 5003333

Gemperle Farms Map 1

Created On: 11/18/2021

Site 001 & 010

Operator: GEMPERLE FARMS



Included Sites: 001, 010





Merced County Ag Commissioner's Office County

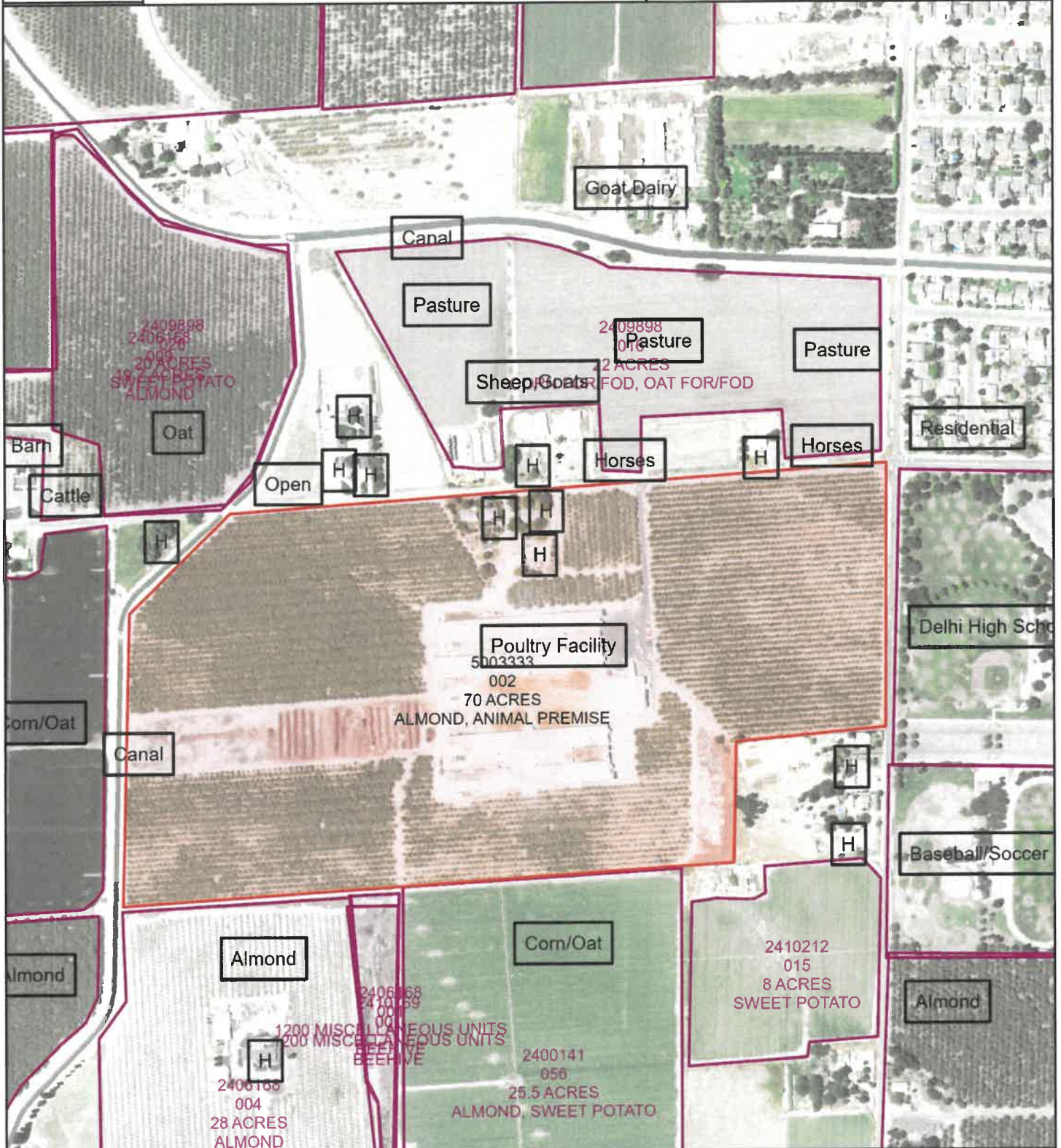
Permit Number: 5003333

Gemperle Farms Map 2

Created On: 11/19/2021

Site 002

Operator: GEMPERLE FARMS

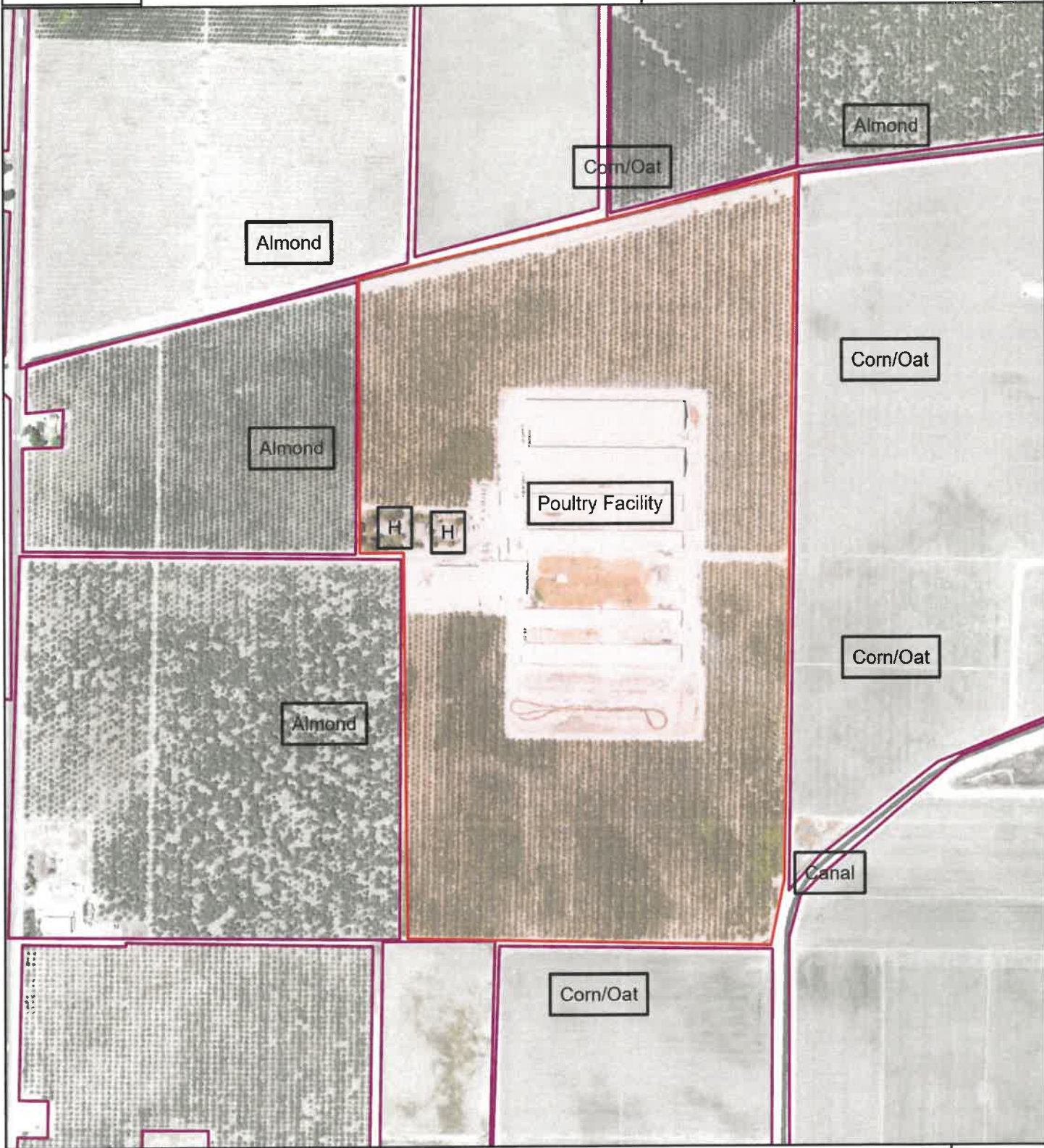


Included Sites: 002





Merced County Ag Commissioner's Office County	Permit Number: 5003333
Gemperle Farms Map 3	Created On: 11/18/2021
Site 004	Operator: GEMPERLE FARMS



Included Sites: 004





Merced County Ag Commissioner's Office County

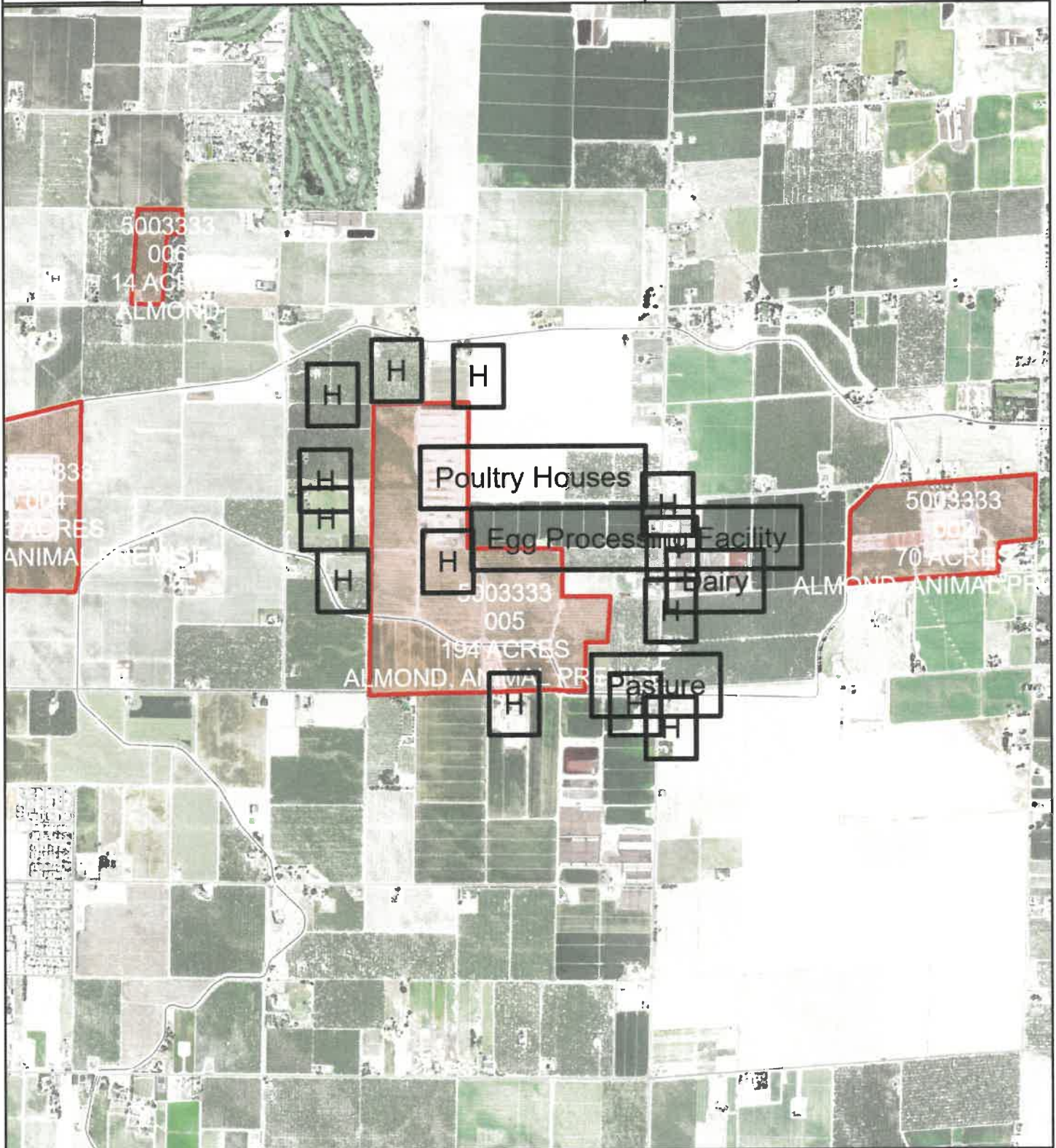
Permit Number: 5003333

Gemperle Farms Map 4

Created On: 4/20/2023

Site 005

Operator: GEMPERLE FARMS



Included Sites: 005





Merced County Ag Commissioner's Office County

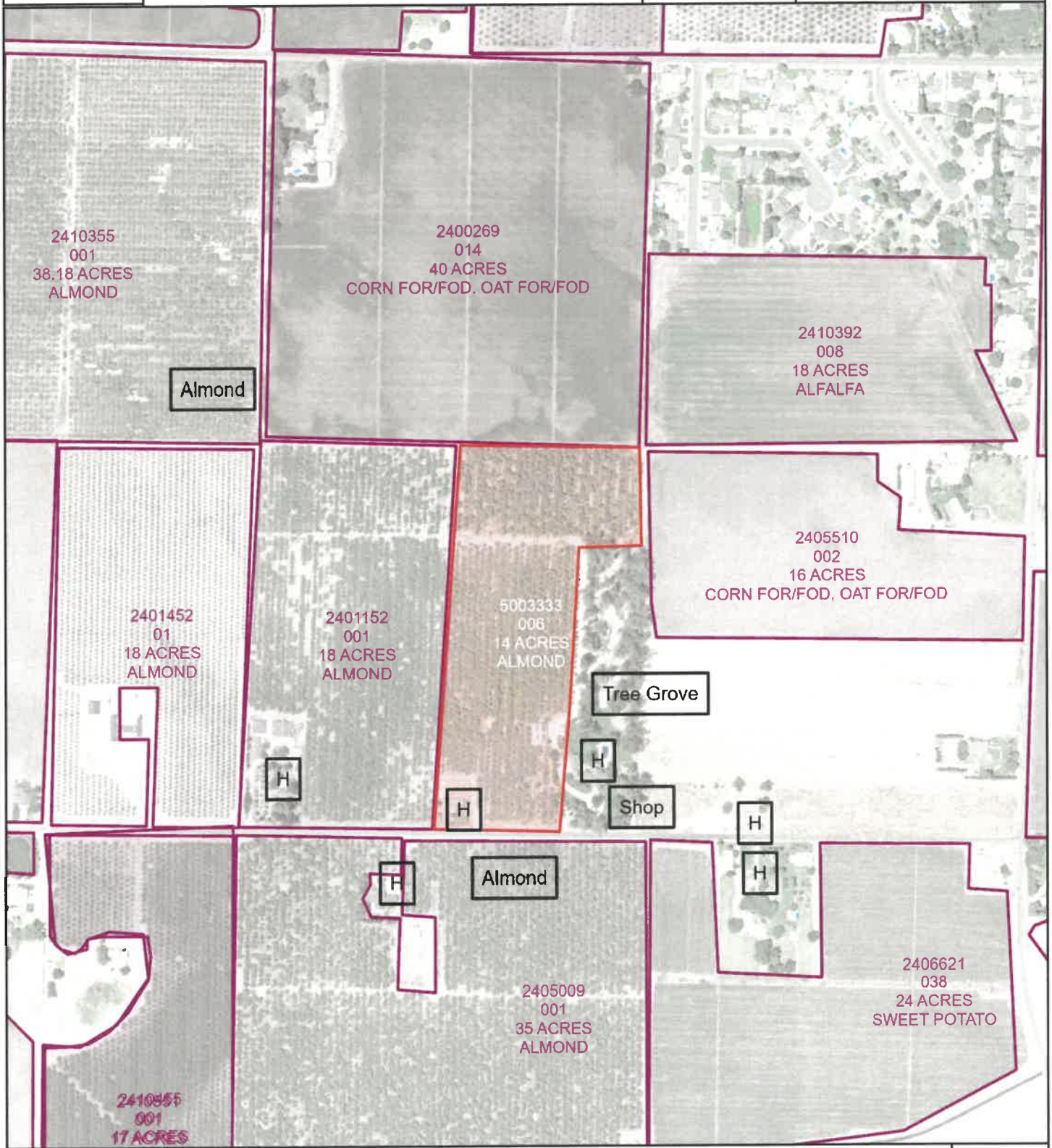
Permit Number: 5003333

Gemperle Farms Map 5

Created On: 11/18/2021

Site 006

Operator: GEMPERLE FARMS



Included Sites: 006





Merced County Ag Commissioner's Office County

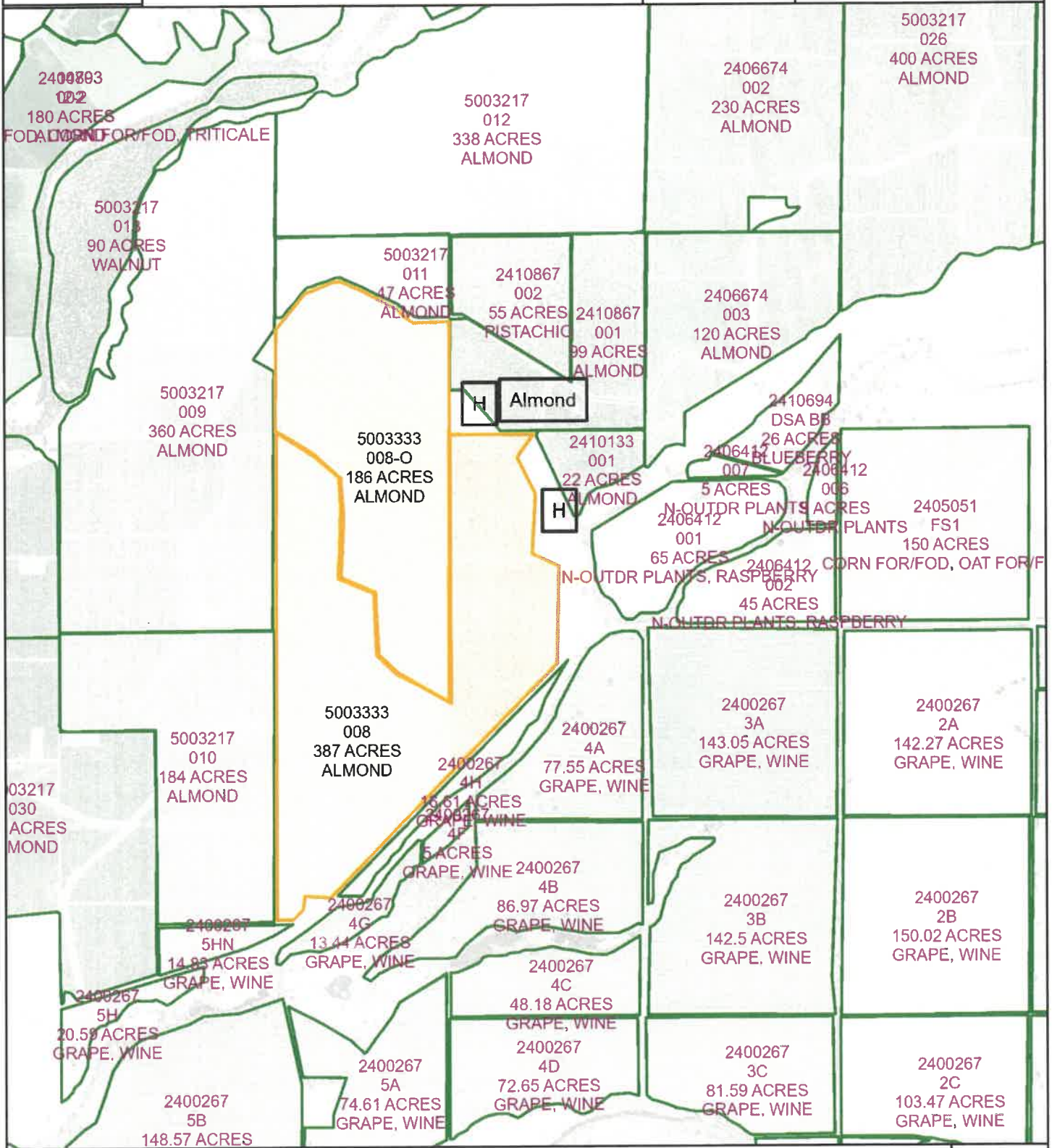
Permit Number: 5003333

Gemperle Farms Map 6

Created On: 2/1/2024

Site 008, 008-O

Operator: GEMPERLE FARMS



Included Sites: 008, 008-O





Merced County Ag Commissioner's Office County	Permit Number: 5003333
rainbow	Created On: 11/18/2021
site 009	Operator: GEMPERLE FARMS



Included Sites: 009

