

Vineyard & Orchard Frost Protection

General Registration Requirements

Vineyard and orchard owners/operators are required to register with the Agricultural Commissioner's Office if:

1. Your frost protection system uses water, and
2. Your frost protection system is in the Russian River Watershed

To find out if your system falls within the Russian River Watershed, go to the Agricultural Commissioner's website at www.sonoma-county.org/agcomm to find a map that outlines this area.

Each site that has a frost protection system as described above must be registered annually with our office by March 1st. If you registered your site with our office in 2011, you should receive a renewal registration application in the mail. If you do not have significant changes to report, you will only be required to complete a renewal registration form and submit it with your registration payment. If you are registering your site for the first time, you will be required to complete a new frost registration form and provide a typographical map indicating the main components of your frost protection system.

NEW Registration must include:

1. Completed "Initial Frost Protection Registration" form
2. Attached map of the site as described on the registration form. See page three for specific instructions about map requirements. You can create and print your map from Google maps <http://maps.google.com/maps?hl=en&tab=wl>
3. \$64 payment
4. A separate registration form and fee is required for individual sites. **A "site" is defined as:** A parcel or contiguous parcels under single ownership or control, considered a unit for the purposes of a vineyard or orchard frost protection system.

RENEWAL Registrations must include:

1. Completed "Renewal Frost Protection Registration" form
2. \$64 payment
3. A separate registration form and fee is required for individual sites. Before your renewal can be complete, any changes in site ownership or oversight must be reported on the registration renewal form.



Prepared by the Sonoma County
Agricultural Commissioner's Office
01-14-2011



Vineyard & Orchard Frost Protection- Sonoma County

New Frost Protection Registration Form Instructions

Fill out one form for each site you are required to register

Owner's Name; Authorized Representative's Name; Billing Address

1. In the appropriate location, fill in the Owner's name, mailing address, phone, fax, cell, and email address.
2. In the appropriate location, fill in the Authorized Representative's Name. If the Authorized Representative is the same as the owner, leave blank.
3. In the appropriate location, fill in the Billing Address. If the Billing Address is the same as the Owner's mailing address, leave blank.

Site Address

1. Assessor's Parcel Number(s) - Fill in the parcel number(s), as indicated on the Assessor's Tax roll, for the site to be registered.
2. Corresponding Pesticide Permit Site ID #(s) -This information may be obtained from the Pesticide Use Permit for the site(s). A frost protection site may include more than one permit site number, as long as it is a parcel or contiguous parcels under single ownership or control.
3. Total Frost Protected Acreage - Fill in the total amount of acreage requiring frost protection. This number must match the number of acres protected on page 2 of the registration form.

Certification

1. The Owner or Authorized Representative is required to sign the application. Circle either Owner or Authorized Representative.
2. Print name below signature and date application.

State Water Demand Management Program (SWDMP)

1. New state regulations require frost protection water users to enroll in a state approved water management program. Please indicate the status of your SWDMP. For more information about the new regulations, you can visit the State Water Resources Control Board at the following link: http://www.swrcb.ca.gov/waterrights/water_issues/programs/hearings/russian_river_frost

Frost Protection System Inventory & Base Map

All growers are required to submit a typographical map of their initial frost system with their registration. Each site should have a map that is zoomed in enough to clearly see the location of the frost system components and that shows the parcel location (i.e. street names visible). For very large sites, more than one map may be needed.

New Registration Form Instructions – Continued

Frost system information you will need to complete your base map and this form:

Form Instructions

1. Check the appropriate box(es) describing the use of your property (ie. Vineyard and/or Orchard)
2. The Registration No. (AFM11-XXXX) will be assigned by the Agricultural Commissioner's Office
3. List the APN #(s) for the site
4. Check the appropriate box(es) for the "System Type"
5. The "No. of acres protected" should match the "total frost protected acreage" on page 1 of the registration form.
6. The remaining items on this form should match the elements displayed on your base map.

Information needed for the base map & remainder of form

1. Details of frost system
2. Acres frost protected with water
3. All frost protection water sources, river, stream, surface and sumps
4. Water storage capacity, pond and tanks used for frost protection
5. Wells used for frost protection: pump volume, pump depth only, and distance from stream

Note: Please do not fill out any information in the box "For Office Use Only". This information will be supplied by the County.

OFFICE OF THE AGRICULTURAL COMMISSIONER

Tony Linegar
 Agricultural Commissioner
 Sealer of Weights and Measures



133 Aviation Boulevard, Suite 110
 Santa Rosa, CA 95403-1077
 Phone (707) 565-2371 Fax (707) 565-3850
 www.sonoma-county.org/agcomm

New Registration Sample

*NOTE: Incomplete or faxed registrations will not be accepted.
 Registration must include map of the site. Use N/A for all blank spaces.*

For Office Use Only			
Date Received			
Registration Date:			
Expiration Date:	12/31/2012		
Fee Paid:	\$		Ck No.
Registered By (Initials):			
Registration No.	AFM11-		

******Fill out one form for each site to be registered for the first time******

Owner's Name:					
Mailing Address					
City		State		Zip	
Phone		Fax		Cell	
Email Address					

Authorized Representative's Name: <small>(Leave blank if the same as above)</small>					
Mailing Address					
City		State		Zip	
Phone		Fax		Cell	
Email Address					
Billing Address:					
City		State		Zip	
Phone		Fax		Cell	
Email Address					

Site Address:					
Assessor's Parcel Number(s)					
Corresponding Pesticide Permit Site Id #(s)					
Total Frost Protected Acreage				Registration Fee \$64.00	
Are you part of a State Water Demand Management Program?	<input type="checkbox"/> YES		<input type="checkbox"/> NO		
Please indicate group or tributary name:					

I certify that the information provided is correct and valid to the best of my knowledge:

*Signature _____ Owner Or Authorized Representative (Circle One)

Print Name _____ Date _____

***Registration may be signed only by the owner of the property or the authorized representative.**

Frost Protection System Inventory

SAMPLE FORM

Check all that apply:	
<input checked="" type="checkbox"/> Vineyard	<input type="checkbox"/> Orchard

Registration No.	AFM11-
APN #(s):	808-605-030 & 808-605-031

Please use an additional sheet if additional wells, Point of Diversion (POD's), or Frost Pumping Systems are used per site. Label your map with the Map Id #s that you assign below (1, 2, 3, 4, etc.).

System Type (Check all that apply)

	Type	No. Of Acres Protected	Gallons Per Acre Per Minute
<input checked="" type="checkbox"/>	Sprinklers	80	XXX gallons per minute
<input type="checkbox"/>	Microsprinklers		

Map Id #	Frost Pumping System(s)	No. Of Acres Protected
3	Frost Pumping System(s)	80
	Frost Pumping System(s)	

Storage Type (Check all that apply)

Map Id #	Storage	Type	Acre Feet	Recharge Rate	Source (River, Stream, Well, Etc.)
1	<input checked="" type="checkbox"/>	Reservoir/Pond	37	XXX	Well & sub-surface pump
	<input type="checkbox"/>	Offsite			
	<input type="checkbox"/>	Tank			

Source Of Water (Check all that apply)

Map Id #	Type	Gallons Per Minute (GPM)			
	<input type="checkbox"/>	Recycled Water			
	<input type="checkbox"/>	Direct Diversion from River or Stream			
	<input type="checkbox"/>	Shared System (Note Type)			
4	<input checked="" type="checkbox"/>	Sub Surface (Sump/French Drain)	50 Gallons per minute		
	<input type="checkbox"/>	Surface Drainage			
	<input type="checkbox"/>	Other Water Source			
			GPM – from pump (pump rating)	Depth – (pump setting)	Distance (in feet) from stream
2	<input checked="" type="checkbox"/>	Well	300 gpm	150 ft	1/4 mile
	<input type="checkbox"/>	Well			

Aerial map is attached with frost protected area highlighted, Assessor Parcel Number(s) indicated, and water sources marked by using map numbers from above (registration requirement)

DISCLAIMER: This Registration is solely for the purpose of producing an inventory of frost protection systems. You may need permits or authorizations from other regulatory agencies to divert or use water for frost protection.

Registration Form Instructions Base Map Sample

Registration Preparation The Map!

- A** Label your map with a vineyard name (if applicable), site address, and APN(s) displayed
- B** Outline your vineyard/orchard blocks that have water frost protection systems
- C** Sum all of the acres protected, use this number to fill in pages 1 and 2 of the registration form 80
- D** Number each frost water source and storage; this will be the "Map Id #" to put on page 2 of the registration form

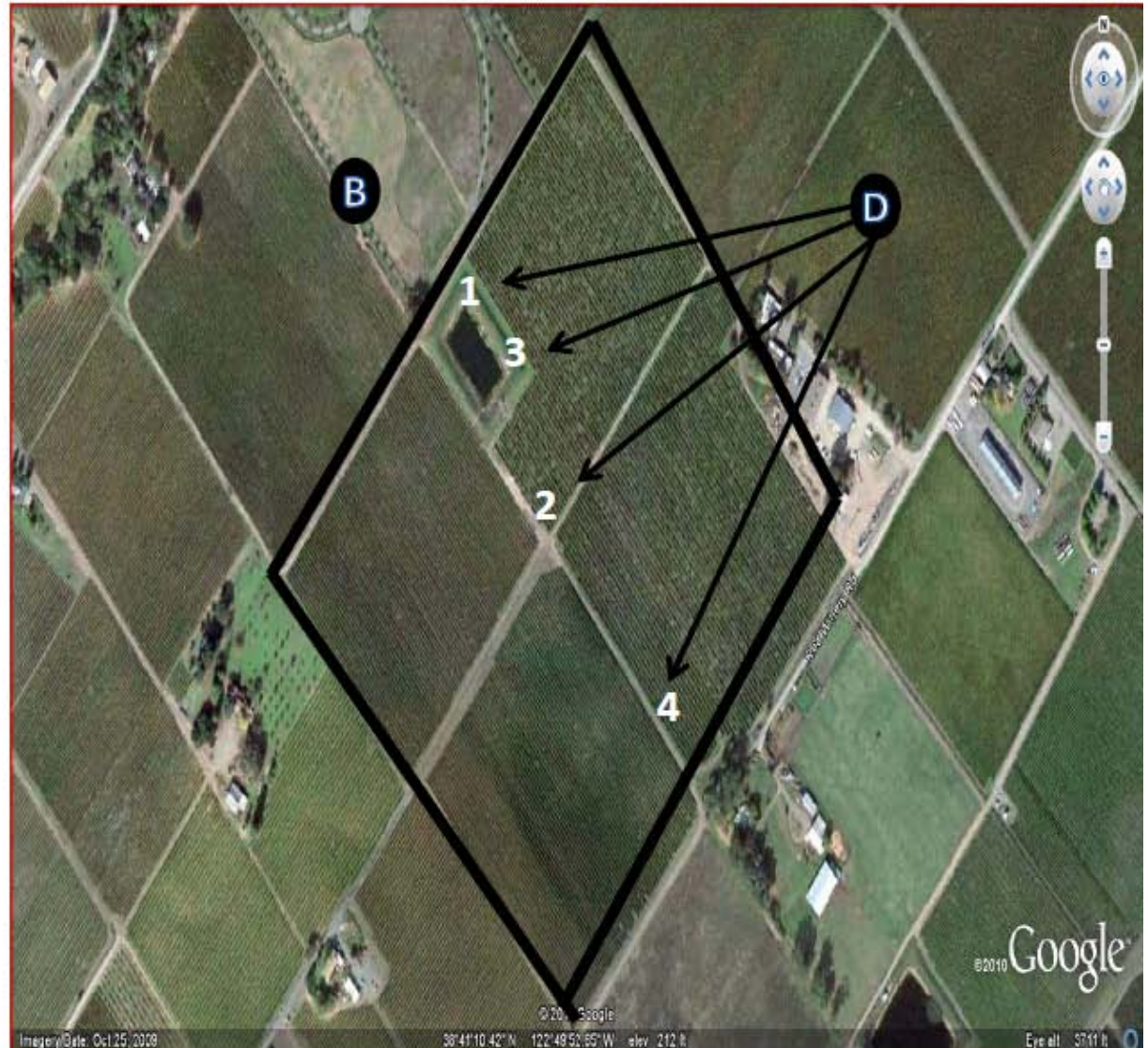
Map Id #'s (fill this information in at the appropriate location on the registration form):

1. Pond: 37 acre/feet of storage; recharge rate =; Source = well and subsurface sump
2. Well 300 gpm, pump depth 150 feet; distance from stream = ¼ mile (note: shorter distances should be displayed on the map and the stream should be named and identified)
3. Frost Pumping System - 80 acres
4. Subsurface sump 50 gpm with float controlled, direct to pond

SEE ATTACHED SAMPLE FORM

A Your Vineyard Inc. (Sample 1)

854 Chardonnay Lane APN 808-065-030 + 808-065-031



OFFICE OF THE AGRICULTURAL COMMISSIONER

Tony Linegar
 Agricultural Commissioner
 Sealer of Weights and Measures



133 Aviation Boulevard, Suite 110
 Santa Rosa, CA 95403-1077
 (707) 565-2371 Fax (707) 565-3850
www.sonoma-county.org/agcomm

Renewal Registration Sample

Frost Protection 2012 Registration Invoice

Note: Please complete and return this form back to our office. Incomplete or faxed registrations will not be accepted.

For Office Use Only			
Date Received			
Registration Date:			
Expiration Date:			
Fee Paid:	\$	Ck No.	
Registered By (Initials):			
Registration No.	AFM11-		

Applicant Name:				
Mailing Address				
City		State		Zip

Site Address:				
City		State		Zip
Are you part of State Water Demand Management Program? Or do you have your own program Y / N? Please indicate group or tributary name.				

(Please mark one of the following and provide us with the following information)

<input type="checkbox"/>	<p>If there have been changes to this site's frost protection system, briefly describe below and submit new or revised registration forms, including maps as appropriate. You can download the registration forms from our website: http://www.sonoma-county.org/agcomm/frost_protection.htm. You will be contacted by our office if further information is required.</p>
<input type="checkbox"/>	<p>I no longer own/operate this site. If you know, please tell us who currently owns/operates this site.</p>
<input type="checkbox"/>	<p>No changes.</p>

INVOICE AMOUNT DUE:	\$64.00	DUE DATE:	MARCH 1, 2012
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**Failure to pay by due date may result in penalties.*

Please remit your payment and this form to:
 Agricultural Commissioner's Office
 133 Aviation Blvd., Suite 110
 Santa Rosa CA 95403

Renewal Registration Form Instructions – Continued

Form Instructions

1. Please complete and return the registration form you received in the mail. Contact our office if you did not receive your renewal notice. Complete the applicant name and address information and the frost protected site information.
2. If there are no changes, new changes or you are no longer the operator of the site, please indicate this by checking the appropriate box and briefly describe any changes to the site or its management.
3. Please indicate if you are registered with a local State Water Demand Management Program.
4. Sign and return your registration with the appropriate fee of \$64 per registered site.
5. If you are renewing your registration and you submitted a map last year, you will not be required to resubmit a map unless there are significant changes to the site.