



California Seed Growers Isolation Pin Map System



Introduction

This internet pin map is provided as a tool to help maintain field isolation of seed crops. This map does not enforce field separation. It is the user's responsibility to assure isolation requirements are maintained.

No pinning fee will be assessed if a pin is inactivated within 7 days of original pin date for vegetable, 30 days for sunflower.

Login

NOTE: All users need a login for viewing or entering data. This is the same login that can be used for lab test results and field inspection results. Please contact Timothy Blank at tjblank@ucdavis.edu or 530-754-4854 to establish a login.

When you go to the Isolation Map System link, you will see a login screen. Enter your login ID and password, and select the Login button.



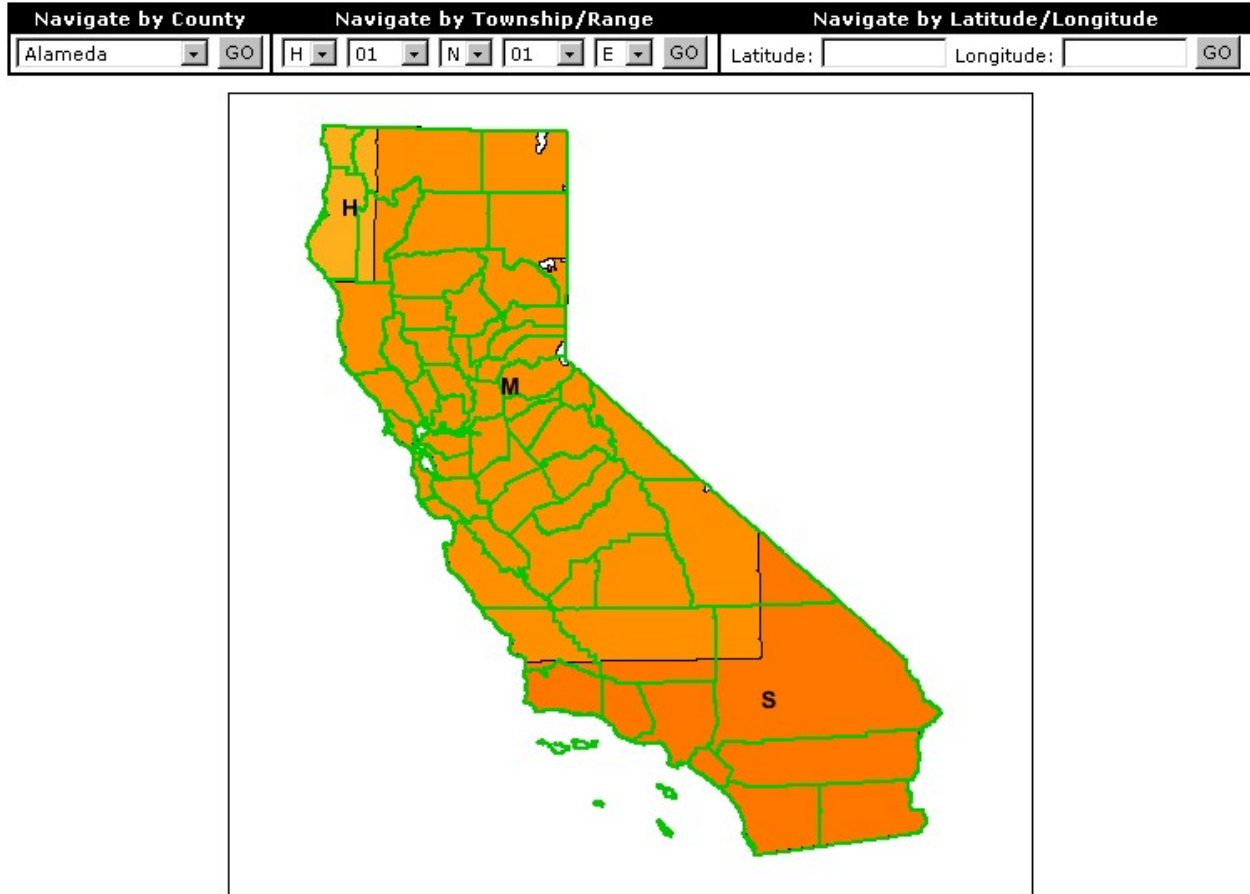
2007 Database
California Seed Growers Isolation Pin Map System



Login ID:

Password:

You will be taken to the State level map as shown below.



Navigating from the State Map

There are three ways to get from the State map to a Township-Range:

- 1) **Navigate by County:** Select the county from the drop down list. Select the Go button. The county displays with Township-Range blocks outlined in orange. Single click on a Township-Range.
- 2) **Navigate by Township/Range:** Select the meridian (H, M or S), Township, direction, Range, and direction from the list. Select the Go button.
- 3) **Navigate by Latitude/Longitude:** Enter the Latitude, e.g., 38.25, and Longitude, e.g., -119.25 in decimal degree format. Select the Go button. The map will zoom to that township.

Layers

As you zoom in closer to the map, more layers are displayed. The pins (fields) begin to display at the Township Range level. All crops display together in one layer. Crops are differentiated by shape and color. All same genus crops have the same shape.

Sections, detail streets, water, and field outlines are displayed at the Township Range level. All tools and the legends appear at this level.

Tools and Buttons

When the Township-Range screen is first displayed, the Zoom in tool is activated by default. To change the active tool, single click on the tool to activate it. It is activated when it is recessed (shadowed).



Information tool

Select this tool and click on a field on the map. All information for that pin will be displayed at the bottom of the screen. You may have to scroll down to see it.



Zoom in tool

If you select this tool and click on the map, you will zoom in 2 times.



Zoom out tool

If you select this tool and click on the map, you will zoom out 2 times.



Re-center tool

Select this tool and click on the map to re-center to that point.



Measure tool

Use this tool to measure the distance between two points. Select the tool, click on one point on the map. Wait until the message "Click on Map Again to Calculate Distance" appears above the map. Click on the end point – the Distance is displayed above the map.



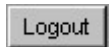
Restart button

Select the Restart button to go back to the State Map without logging out.



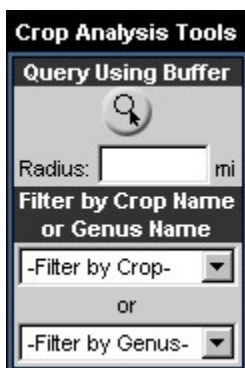
Print button

Select the Print button to print the current page.



Logout button

Select the Logout button to logout of the system.



Buffer/Query Tool

This is a powerful tool which allows you to select either a crop or a genus, and return the pin information that is included in the radius you have indicated. Use this tool to determine an isolation location.

Select the radius button, and then enter the radius as a whole number or up to 2 decimal places (e.g., **.25**). Select either a crop or a genus from the list, then click on the map location. The pin data is returned at the bottom of the map, and fields are labeled with their unique ID on the map.

California Seed Growers Isolation Pin Map System

Company Name: TEST

Add New Pin Tool - Enter Crop Data and Click on Map to Set Pin Location (Items in Red are Required)

Crop	Variety	Type	Status	Acres	Date Planted
-Select Crop-		-Select Type-	Pushed		mm / dd / yyyy

Update Existing Pin Tool - Click on Existing Pin to Update Crop Information. Data will appear underneath the map.

Map Navigation and Query Tools

Zoom In Identify

Zoom Out Measure

Recenter

Crop Analysis Tools

Query Using Buffer

Radius: 1 mi

Filter by Crop Name or Genus Name

Sunflower

or

-Filter by Genus-

Restart

Print

Logout

Crop Legend

- Onion
- ✱ Broccoli
- ✱ Cabbage
- ✱ Canola
- ✱ Cauliflower
- ✱ Chinese Cabbage
- ✱ Other Brassica
- ✱ Turnip
- Watermelon
- Cucumber
- Melon/Cantaloupe
- Pumpkin
- Squash
- Carrot
- ▲ Sunflower
- + Alfalfa
- + Other Crop
- ⊕ Bean
- Corn

Map Legend

- Cities
- Freeway
- Highway
- Other
- Rivers
- Counties
- Township-Range
- PLSS MTRS
- Field Outlines

Records Returned									
ID	Crop	Genus	Variety	Company	Type	Status	Acres	Date Planted	Date Entered
72	Sunflower	Helianthus	W3	Vaccaro Seed		pushed			3/26/2003 1:00:00 PM
73	Sunflower	Helianthus	W4	Vaccaro Seed		pushed			3/27/2003 8:00:00 AM
74	Sunflower	Helianthus	W2	Vaccaro Seed		pushed			3/27/2003 7:30:00 AM
75	Sunflower	Helianthus	W1	Vaccaro Seed		pushed			3/27/2003 8:05:00 AM

Placing a Pin

Guidelines:

- The diameter of the isolation area is not enforced by the system. It is your responsibility to maintain seed separation.
- A pin status can be:

Pushed The default status when the pin is first inserted.

Signed An optional status, this is when the contract with the grower is finalized.

Inactive Any pin can be changed to inactive status, which marks the pin for deletion. All pins with inactive status are shown on the map as a black square for easy identification. An archival file of inactivated pins is maintained separately.

To add a Pin:

- 1) Zoom to the Township-Range or closer level, where the Add New Pin Tool appears
- 2) Select or enter the Crop, Variety, Type, Status, Acres, and Date Planted.
- 3) Verify that the Add Pin button is activated, as indicated by the shadowed arrow button.
- 4) Move the pointing finger to the desired location on the map and click the mouse once. The message "Are you sure you wish to add a Point?" displays. You may either:
 - a) Press ENTER or click OK to add the point. The map is automatically refreshed and your pin is added.
 - OR
 - b) Click Cancel to stop the transaction.
- 5) Repeat steps 1 through 4 until all pins are added.
- 6) **When completed, inactivate the Add New Pin Tool by clicking on another tool.**



The screenshot shows a software interface for adding a new pin. The title bar is black with white text: "Add New Pin Tool - Enter Crop Data and Click on Map to Set Pin Location (Items in Red are Required)". Below the title bar is a form with several fields. The labels "Crop", "Variety", "Type", "Status", "Acres", and "Date Planted" are in red. The "Crop" field contains "Broccoli", "Variety" is empty, "Type" contains "Parent", "Status" contains "Pushed", "Acres" contains "4", and "Date Planted" contains "4/2/2006". On the right side of the form, there is a button with a mouse cursor icon, which is highlighted with a red circle and a red arrow pointing to it from the text in step 6 of the instructions above.

Note: You will remain in "add mode" until you select another tool, or otherwise deactivate the Add Pin tool.

Changing Pin Information

To modify pin information, click on the white arrow as shown below. The pin information is displayed below the map, and the pin is highlighted in yellow. Make the changes desired to Status, Date Planted or Acres, and then select the Update button. The updated information displays below the map. When a pin is changed to inactive status, it changes to a black square, and writes the inactivated date to the database.

Update Existing Pin Tool - Click on Existing Pin to Update Crop Information. Data will appear underneath the map.

Map Navigation and Query Tools

Zoom In Identify
Zoom Out Measure
Recenter

Crop Analysis Tools

Query Using Buffer
Radius: mi
Filter by Crop Name or Genus Name
-Filter by Crop-
or
-Filter by Genus-
Restart
Print
Logout

Crop Legend

- Onion
- Broccoli
- Cabbage
- Canola
- Cauliflower
- Chinese Cabbage
- Other Brassica
- Turnip
- Watermelon
- Cucumber
- Melon/Canteloupe
- Pumpkin
- Squash
- Carrot
- Sunflower
- Alfalfa
- Other Crop
- Bean
- Corn

Map Legend

- Cities
- Freeway
- Highway
- Other
- Rivers
- Counties
- Township-Range
- PLSS MTRS
- Field Outlines

Records Returned

ID	Crop	Genus	Variety	Company	Type	Status	Acres	Date Planted			Date Entered
402	Bean	Phaseolus		TEST	Commercial	pushed	2	1	2	2002	6/17/2003

Update

For questions and comments concerning the Pin Map System, contact Timothy Blank at tjblank@ucdavis.edu or 530-754-4854.