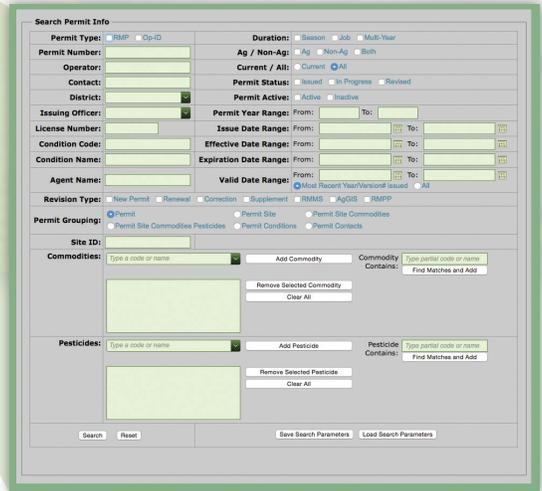




CalAgPermits is the first statewide pesticide permitting and use reporting system implemented in the country.



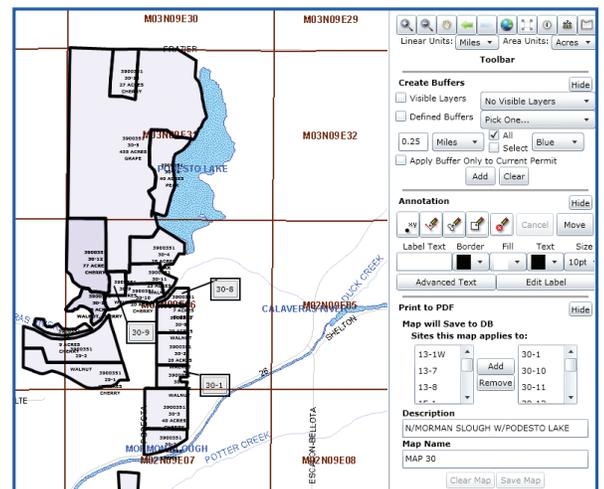
Why Choose CaliCo Solutions?

CaliCo Solutions is a full-service software design, development, and management firm whose partners have been developing custom software for a wide variety of clients and industries for more than twenty-five years.

During that time, we have seen a number of technologies come and go, but the core needs of our clients have remained the same – targeted, effective software applications that solve real-world business problems and have a measurable impact on improving performance.

Created for the California Agricultural Commissioners and Sealers Association (CACASA), CalAgPermits combines a comprehensive online portal for developing, issuing, modifying, and renewing permits with a public portal for electronic submittal of pesticide use reports. The program was deployed in 2010 and now has over 30,000 registered users including county staff, growers, and pesticide applicators.

The permitting module allows county staff to create restricted materials permits that spell out the products, commodities, and conditions for pesticide applications. Dynamic map editing tools available on the web portal create detailed maps of field locations as well as sensitive areas and buffer zones, proving clear documentation to the grower and any pesticide applicators of any risks or dangers associated with the cultivated areas. Permits can also be developed for general use (landscape gardeners, right-of-way maintenance, etc) and for structural applications. For users of non-restricted materials who still need to report all pesticide use, a simplified operator identification is produced to enable electronic reporting.



Number	Permit Year	Ver.	Operator	SW	GWPA	Site Name	Location Narrative	Size	Unit
390148	2006	1	MORAGA FARMING COMPANY	18.88	RD	MAP 18 FIELD RD	NOWLWOOD E OF JACKSTONE RD	80	ACRES
390179	2006	1	COSTA INCL DAN	2.1	RD	RODAN CORN	NE MURPHY & LONE TREE	17	ACRES
390198	2006	1	DEMACHELIS RANCH	1.2			SW AVENA & MURPHY	2	ACRES
390111	2006	1	QUE JOSEPH E	1.1	Runoff	RUNOFF GWPA	NE JACK TONE & LONE TREE CR	20	ACRES
390111	2006	1	QUE JOSEPH E	1.2	Runoff	RUNOFF GWPA	NE LONE TREE CR & JACK TONE	20	ACRES
390111	2006	1	QUE JOSEPH E	1.3	Runoff	RUNOFF GWPA	NE JACK TONE & LONE TREE CR	30	ACRES
390111	2006	1	QUE JOSEPH E	2.2	Runoff	RUNOFF GWPA	NW LONE TREE & MURPHY	60	ACRES
390111	2006	1	QUE JOSEPH E	3.1	Runoff	RUNOFF GWPA	NE LONE TREE & MURPHY	40	ACRES
390111	2006	1	QUE JOSEPH E	3.2	Runoff	RUNOFF GWPA	NE MURPHY & LONE TREE	40	ACRES
390112	2006	1	QUE FARRIS	1.4	Runoff	RUNOFF GWPA	N LONE TREE ELKACK TONE	30	ACRES
390112	2006	1	QUE FARRIS	1.5	Runoff	RUNOFF GWPA	N LONE TREE ELKACK TONE	12	ACRES
390124	2006	1	LONE TREE RANCH	1.1	Runoff	RUNOFF GWPA	N LONE TREE SW OF CARLSTON	80	ACRES
390127	2006	1	FOUR K FARMS	3.1			SW WILWOODS & MURPHY	20	ACRES
390127	2006	1	FOUR K FARMS	3.2			SW WILWOODS & MURPHY	80	ACRES
390127	2006	1	FOUR K FARMS	6.1			EMURPHY & SAVENA	107	ACRES
390127	2006	1	FOUR K FARMS	6.2			EMURPHY & SAVENA	48	ACRES
390127	2006	1	FOUR K FARMS	6.3			EMURPHY & SAVENA	7	ACRES
390127	2006	1	FOUR K FARMS	6.4			EMURPHY & SAVENA	17	ACRES
390127	2006	1	FOUR K FARMS	7			EMURPHY & SAVENA	7	ACRES

The map development features in CalAgPermits use a statewide compilation of up-to-date NAIP imagery (National Agriculture Imagery Program), specifically developed in a California map projection for best performance. When developing permit maps, the county staff can add and edit field boundary polygons, sensitive populations and habitats, buffer zones calculated on the fly, and map annotations. County-specific GIS data can be added, and map symbology can be saved as preferences within the application. All of the map setup information is saved so maps are immediately available for update during permit renewals.

EPA/CA Reg No.	Name
62719-23-AA	LORSBAN 4E INSECTICIDE
62719-34-AA	LORSBAN 15G GRANULAR INSECTICIDE
62719-39-AA	LORSBAN 50W WETTABLE POWDER INSECTICIDE
62719-15-ZA	LORSBAN F INSECTICIDAL CHEMICAL
2935-426-AA	LORSBAN 30 FLOWABLE
62719-38-AA-2935	LORSBAN 50-SL
62719-221-AA	LORSBAN 50W INSECTICIDE IN WATER SOLUBLE PACKETS
7501-31-AA	GUSTAFSON LORSBAN 30 FLOWABLE

Items 1-33 out of 33

Pesticide applicators in California (growers, pest control businesses, pilots, and licensed individuals) can report pesticide use via a simple online form that provides extensive validation of pesticide applications against permit and

label data. For large volume applicators, CalAgPermits integrates with numerous third party software vendors to allow automated reporting. Since its initial release, CalAgPermits has reduced paper reporting by over 70% and has resulted in huge improvements in data quality. Growers, pest control businesses, dealers, and advisors can access permit data and user report data online, simplifying communications and improving both the safety and efficiency of pesticide use in the State.

Message Type	Line Number	Text	Field Name
Error		Total treated is greater than total planted.	Total Treated
Error	1	Product 62719-221-AA not approved for ALFALFA.	Product On Label

Buttons: Edit, New Site, New Report, Close

CalAgPermits offers a wide range of query and export tools to analyze and mine the vast datastore of pesticide permitting and use reporting information. Users can create and save useful queries, and can export detailed datasets to Microsoft Excel for further analysis and reporting. Many of the query functions are available through the online mapping interface, where analysts can select an area of interest and view permits, sites, products, crops, and use reports within that spatial context.