



# County of Fresno

**DEPARTMENT OF AGRICULTURE**  
**LES WRIGHT**  
 AGRICULTURAL COMMISSIONER/  
 SEALER OF WEIGHTS & MEASURES

## UPDATES RODENTICIDES FOR SALE

**For sale to and use only by Certified Applicators or persons under their direct supervision  
 And only for those uses covered by the Certified Applicator's certification**

**THE FOLLOWING PRODUCTS ARE AVAILABLE AT THE FRESNO OFFICE ONLY.  
 DISTRICT OFFICES DO NOT SELL RODENTICIDES!**

**THE BAIT SALES COUNTER HOURS ARE 8:00 AM-12:00 PM AND 1:00 PM-4:30 PM  
 PLEASE CALL AHEAD FOR ORDERS OVER 200 POUNDS.**

PRODUCT NAME	PRODUCT TYPE	TARGET PESTS	PRICE	COMMENTS
Diphacinone .01	Anticoagulant grain bait	Ground squirrels Deer mice House mice	\$1.97 lb*	<b>Restricted Use Mechanical Broadcast only</b>
Diphacinone .005	Anticoagulant grain bait	Ground squirrels Norway rats Wood rats Muskrats Meadow mice Jack rabbits Cottontail rabbits Roof rats Chipmunks	\$1.87 lb*	<b>Restricted Use  Use in bait stations AND "Spot Baiting"</b>
Diphacinone .005	Ramik mini-bar Wax bait block	Norway rats Roof rats Wood rats House mice	N/A	<b><u>NOT CURRENTLY AVAILABLE</u></b>
Zinc phosphide 2%	Grain bait	Ground squirrels Norway rats Voles	\$2.07 lb*	<b>RESTRICTED MATERIALS PERMIT REQUIRED</b>
Gas Cartridge	Fumigation	Ground squirrels Woodchucks	\$2.36 ea*	
Clean Oats	Pre-baiting	All of the above	\$ .37 lb*	

\*Prices effective: 9/5/17

Updated 8/24/17

## RECOMMENDED GROUND SQUIRREL CONTROL PROGRAM

The control of ground squirrels in California is important in two ways. First, it is necessary to prevent destruction of agricultural crops and facilities. Second, it is important from a health standpoint where rodent-borne diseases have been demonstrated to be present.

Ground squirrels have enormous “come-back” powers. As long as an adequate food supply is available, their annual litters will average about six to eight young (16 embryos per litter in 1997). Therefore, a few years of neglect by the growers may create new centers of population which will reinfest clean areas. There are several essential steps to consider before control is undertaken:

1. The selection of a toxic grain bait if prebaiting indicates that the squirrels are taking grain.
2. If grain isn't readily taken, which fumigant will do the best job.
3. If grain or fumigation cannot be used, should trapping or shooting be implemented.

Below is a chart on ground squirrel activities throughout the year in Fresno County. These activity periods vary from year to year, as much as three or four weeks. The months of December through January are usually poor periods for control efforts due to the hibernation. February through April are fumigation months. Anticoagulant bait stations also work well in some instances during this period, provided that prebaiting indicates that squirrels are taking the grain. May through July are grain months. Large areas should be treated during this period to keep control costs at a minimum. August and September are the estivation months. During this period, the activity slows down following a few hot days and may continue two or more months, depending on the area. In some areas, a brief time during October or November, effective control measures may be applied with excellent results. The ultimate results of any rodent control program are entirely dependent on the effort expended by the person in charge of the job. It is essential that all phases of field work be carefully observed so that any changes in rodent activity, bait acceptance, and degree of kill will be noted. The comprehension of these factors will result in a high degree of efficiency, and ultimately, a more effective and economical control program.

From time to time during the year, it may be necessary to call the Fresno County Department of Agriculture to evaluate your ongoing program or to get advice on current ground squirrel control in your area. Call (559) 600-7510 if you have any questions or concerns.

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
					ANTICOAGULANT POISON GRAIN						
			FUMIGATION								
								ZINC PHOSPHIDE			
					ESTIVATION						
<u>HIBER.</u>											<u>HIBER.</u>

Due to climatic conditions (rain and temperature), the breeding may vary. Fluctuations in material application may occur 10 to 15 days in either direction of above periods.