



## 6776. Field Postings

(a) The operator of the property shall assure that signs are posted around treated fields in the following circumstances:

**(1) Whenever required by pesticide product labeling, unless access to the treated field is controlled in a manner that assures no employee (other than the handlers making the application) will enter, work in, remain in, or walk within 1/4 mile during the application and the restricted entry interval.**

(2) Applications in an entirely enclosed space unless access is controlled in a manner that assures no employee (other than the handlers making the application) will enter, work in, remain in, or pass through the enclosed space during the application and the restricted entry interval.

(3) All other applications made in an enclosed space not specified in (2) that result in a restricted entry interval of greater than four hours, unless access to the enclosed space is controlled in a manner that assures no employee (other than the handlers making the application) will enter, work in, remain in, or walk within 1/4 mile during the application and the restricted entry interval.

(4) Any application that results in a restricted entry interval greater than **48 hours as specified on the product label** unless access to the treated field is controlled in a manner that assures no employee (other than the handlers making the application) will enter, work in, remain in, or walk within 1/4 mile during the application and the restricted entry interval.

(b) The signs shall be of a size so that the wording specified in (2) and (3) is readable and the skull and crossbones symbol is clearly visible, to a person with normal vision, from a distance of 25 feet. Signs complying with the size requirements of Title 40 Code of Federal Regulations, Part 170.409 are considered to be readable at 25 feet. The signs shall contain the following:

(1) The skull and crossbones symbol near the center of the sign;

(2) The words "DANGER" and "PELIGRO" and "PESTICIDES" and "PESTICIDAS" in the upper portion of the sign;

(3) The words "KEEP OUT" and "NO ENTRE" in the lower portion on the sign;

(4) Whenever the sign is used to indicate a restricted entry interval of more than 7 days, the following information in the lower portion of the sign:

(A) The date of unrestricted entry;

(B) The name of the operator of the property; and

(C) The field identification, (if any);

(5) All letters and the symbol shall be of a color which sharply contrasts with their immediate background; and

(6) The Spanish portion of the sign may be replaced with another non-English language which is read by a majority of workers who do not read English. The replacement sign must be in the same format and meet the same size and other requirements as the original.

(c) The signs shall:

(1) Be posted before the application begins but shall not be posted unless a pesticide application is scheduled within the next 24 hours;

(2) Remain posted and clearly legible throughout the application and the restricted entry interval; and,

(3) Be removed within three days after the end of the restricted entry interval and before any entry prohibited during a restricted entry interval.

(d) The signs shall be posted so that they are **visible at all usual points of entry to the treated area**, including each road, footpath, walkway, or aisle that enters the treated field, and each border with any worker housing area within 100 feet of the treated field. If there are no identified usual points of entry to the treated field, signs shall be posted at the corners of the treated field. When a treated field is adjacent to an unfenced public right-of-way, such as a road, trail, or path, additional signs shall be posted at each end of the treated field and at intervals not exceeding 600 feet along the treated field's border with the right-of-way.

Rice pesticide waterholding requirements, pre-harvest interval (PHI) and restricted entry interval (REI) from product labels. **Please read and follow label directions, and contact your county agricultural commissioner for label interpretations and permit conditions.**

COMMON TRADE NAME <sup>1</sup>	ACTIVE INGREDIENT	WATER HOLD TIME	PRE-HARVEST INTERVAL (PHI)	RESTRICTED ENTRY INTERVAL (REI)
<b>INSECTICIDES:</b>				
Sevin® Brand 4F	Carbaryl	0-days	14-days; propanil timing	12-hours
Belay® Insecticide	Clothianidin	14-days	Up to 3 <sup>rd</sup> leaf	12-hours
Mustang® Max Insecticide	(s)-cypermethrin	7-days	14-days	12-hours
Dimlin® 2L Insect Growth Regulator	Diflubenzuron	14-days	80-days	12-hours
Warrior® Insecticide (various names)	Lambda cyhalothrin	7-days	21-days; 27-days at the higher rate	24-hours
Malathion 8 (various names)	Malathion	4-days	4-days: propanil timing	12-hours
Intrepid® 2F Section 18	Methoxyfenozide	7-days	14-days	4-hours
<b>FUNGICIDES:</b>				
Quadris® Flowable Fungicide	Azoxystrobin	14-days	28-days	4-hours
Tilt® (propiconazole) Stratego® Fungicide	Propiconazole/ Trifloxystrobin	7-days	35-days	12-hours
<b>HERBICIDES:</b>				
Solution Water Soluble®	2,4-D	0 - days	60-days	48-hours
Londax® Herbicide	Bensulfuron-methyl	7-days static	80-days	24-hours
BUTTE® Herbicide	Benzobicyclon	20-days	82-days	12-hours
Regiment® CA Herbicide Arroz 80® CA	Bispyribac-sodium	0-days		12-hours
Shark® Herbicide	Carfentrazone-ethyl	23-days	60-days	12-hours
Cerano® 5 MEG	Clomazone	14-days	120-days	12-hours
Clincher® CA/RebelEX	Cyhalofop-butyl	0-days	60-days	12-hours
Sandea® Herbicide	Halosulfuron-methyl	0-days	69-days	12-hours
Strada® CA Herbicide	Orthosulfamuron	0-days		12-hours
Granite® SC & GR/RebelEX	Penoxsulam	0-days	60-days	12-hours
Stam® 80 EDF SuperWham!	Propanil	7-days: less closed system	60-days	24-hours
Abolish® 8EC Bolero® UltraMax League® MVP Willowood Thio Ultramax	Thiobencarb	See Table A (DPR Permit Conditions)		7-days; 12-hours with supplemental label
Grandstand® CA Herbicide	Triclopyr TEA	20-days: less closed system	60-days	48-hours

<sup>1</sup>Restrictions apply to all rice pesticides sharing the same active ingredient and are not exclusive to the common trade name.



# County of Yolo

## Agriculture / Weights & Measures Department

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## YOLO COUNTY BISPYRIBAC-SODIUM (REGIMENT OR ARROZ) PERMIT CONDITIONS

### General Conditions:

1. A permit must be obtained from the County Agricultural Commissioner for any use of Bispyribac Sodium CA in Yolo County.
2. A **48 hour** Notice of Intent must be filed with the Yolo County Agricultural Commissioner prior to the application of Bispyribac Sodium.
3. All requirements of the Food and Agriculture Code and Title 3, California Code of Regulations that apply to the use of restricted materials shall apply to the use of Bispyribac Sodium (Regiment® CA or Arroz) under permit in Yolo County.
4. Pesticide Use Reporting of Bispyribac Sodium is required.
5. No applications may take place during low-level inversion conditions. Inversion conditions begin to diminish after a 3 degree F temperature rise from the morning low. They may return after a 5 degree F drop in temperature in the afternoon. Application would be possible after the morning temperature rise and application should cease after a 5 degree drop in temperature in the afternoon. Wind conditions, mentioned below, could mitigate these guidelines.
6. Applications must take place with a minimum wind speed of at least 2 mph and not more than 8 mph as measured at a height of four feet above the ground. If **sensitive crops or plants** are downwind, **extreme caution** must be used under all conditions.
7. **All applications must be completed during daylight hours.**
8. A Smoke Column must be present during the entire application.
9. The applicator shall perform on site monitoring. It shall include a written indicating air temperature, wind speed and wind direction prior to the beginning of the application, and shall be recorded every tank refill or hourly, whichever occurs first, during the application. This log shall be made available for review by the Agricultural Commissioner's staff upon request and shall be retained for two years.

### **Aerial Application:**

1. **Allowed only** within the area known as the Conaway Ranch. All areas **NOT** in the Conaway Ranch may be approved by air at the discretion of the Yolo County Agricultural Commissioner on a site by site basis.
2. Operators and pilots **shall attend an educational session** regarding proper application.
3. **Every aircraft** must be certified prior to the application of Bispyribac Sodium in Yolo County.
4. On site monitoring is required. It shall include a written log indicating air temperature, wind speed, and wind direction prior to beginning the application, and shall be recorded every tank refill or hourly, whichever occurs first, for each day of application. This log shall be made available for review by the Agricultural Commissioner's staff upon request and shall be retained for two years.

### **Ground Applications:**

1. **All ground applications of Bispyribac Sodium shall be made with a minimum wind velocity of two (2) mph to a maximum wind velocity of eight (8) mph.** Wind measurement shall be made four (4) feet above the crop being treated. A 250-foot downwind buffer shall be maintained to other adjacent crops.
2. A positive air flow away from any sensitive crops.



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## YOLO COUNTY CYHALOFOP BUTYL (CLINCHER CA) PERMIT CONDITIONS

### General Conditions:

1. A permit must be obtained from the County Agricultural Commissioner for any use of Cyhalofop Butyl in Yolo County.
2. A **48 hour Notice of Intent** must be filed with the Yolo County Department of Agriculture prior to the application.
3. Only approved adjuvants may be used with Cyhalofop Butyl. Cyhalofop Butyl **MAY NOT** be tank mixed with any other products. (refer to label)
4. All Requirements of the Food and Agricultural Code and Title 3, California Code of Regulations that apply to the use of restricted materials shall apply to the use of Cyhalofop Butyl under permit in Yolo County.

### Aerial Application:

Aerial applications are allowed in Yolo County **south of State Highway 16 only.**

1. Planes and pilots **shall be certified** prior to making applications of Cyhalofop Butyl.
2. For all aerial applications of Cyhalofop Butyl, use only a spray adjuvant on the approved list and water.
3. Apply using fixed-winged aircraft only.
4. Wet booms must be fitted with flat fan 4015 nozzle spray tips set at 0 (zero) degrees deflection. *The use of any other nozzle type must be approved by Dow AgroSciences.*
5. Minimum wind speed restriction is 3 mph and maximum wind speed restriction is 7 mph, measured at 4 feet above the crop canopy.
6. Maximum application height above the crop canopy shall be 10 feet.
7. Do not apply when the temperature is greater than 85 degrees.

## **Ground Application:**

1. All Pest Control Operators (PCO's) and Private Applicators using ground application equipment must attend a Cyhalofop Butyl stewardship training.
2. Do not apply Cyhalofop Butyl when wind speeds are greater than 10 mph measured at four (4) feet above the crop.
3. The following Distance Restrictions are required between sensitive crops and rice fields to be treated with Cyhalofop Butyl:
  - a. Within 660 feet of peaches and nectarines – **no application.**
  - b. At least 660 feet away from, and up to 1320 feet of peaches and nectarines – **Apply with wind away.**
  - c. More than 1320 feet away from peaches and nectarines – **no wind directional restrictions.**
  - d. Within 50 feet of non-target cereal and grass crops such as corn, sugar cane, sudangrass, sorghum, grass grown for seed, and sod farms – **no application.**
4. Follow label requirements for ground application equipment specifications.



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## YOLO COUNTY PROPANIL PERMIT CONDITIONS

1. A permit must be obtained from the County Agricultural Commissioner for any use of Propanil in Yolo County.
2. A 48-hour Notice of Intent must be filed with the Yolo County Department of Agriculture prior to application.
3. Do not apply more than 8 lbs active ingredient per acre per season.
4. **Additional restrictions for use of Propanil on sites located north of State HWY 16:**

In accordance with the regulations set forth in Sections 6462 of the California Code of Regulations, the following conditions shall be complied with when applying Propanil herbicides north of State Highway 16 in Yolo County:

- a) Only non-emulsifiable formulations of Propanil (i.e., Super Wham!® CA, Wham! EZ® Ca) may be used. Emulsifiable formulations are prohibited.
- b) **Aerial** (fixed-wing or helicopter) applications shall not be made within **4 miles** of prunes. No more than 720 acres per day shall be treated with Propanil. Each operating nozzle shall produce a droplet size, in accordance with the manufacturer's specifications not less than 600 microns volume median diameter (dv0.5) with 10 percent of the diameter by volume (dv0.1) not less than 200 microns.
- c) **Ground** applications shall not be made within **one mile** of prunes. Ground equipment must be equipped as follows: Each operating nozzle shall produce a droplet size, in accordance with the manufacturer's specifications not less than 500 microns volume median diameter (dv0.5) with 10 percent of the diameter by volume (dv0.1) not less than 200 microns.
- d) **All applications:** If the wind flow changes during an application, it must cease immediately. **NO WAIVERS SHALL BE ISSUED TO ALLOW USE WITHIN STATED BUFFERS.**
- e) **No more than 720 acres of rice may be treated by air in Yolo County per day. Notices of intent must specify the intended day of application.** The commissioner's office will limit acreage as notices of intent are submitted.
- f) Air movement must be away from sensitive crops at all times during an application.
- g) No application shall be made when the wind velocity is less than 2 miles per hour or greater than 7 miles per hour.



## Section D.5

### Thiobencarb

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**Mandatory  
preseason  
thiobencarb  
stewardship  
training by the  
California Rice  
Commission**

- Mandatory preseason thiobencarb stewardship training applies only to thiobencarb restricted material permit holders located in the Sacramento Valley rice-growing counties.
  - Restricted material permits shall not be issued to growers who have not received California Rice Commission certification that they attended a preseason thiobencarb stewardship training session that year.
  - The county agricultural commissioner may certify a grower that did not attend a thiobencarb stewardship training session by having them view a presentation of the current preseason thiobencarb stewardship training session.
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### Drift Minimization

- I. All liquid formulations of Thiobencarb shall not be applied by air in Colusa and Glenn Counties starting North of Highway 20 and West of the Sacramento River.
- II. The use of Bolero 10G formulation is prohibited in the Sacramento Valley rice growing counties of Butte, Colusa, Glenn, Placer, Sacramento, Sutter, Tehama, Yolo, and Yuba.
- III. In the Sacramento Valley rice growing counties of Butte, Colusa, Glenn, Placer, Sacramento, Sutter, Tehama, Yolo, and Yuba, no aerial applications shall be made or continued within ½ mile of the Sacramento or Feather Rivers unless there is a continuous positive airflow away from the river.
- IV. In the Sacramento Valley rice growing counties of Butte, Colusa, Glenn, Placer, Sacramento, Sutter, Tehama, Yolo, and Yuba, no aerial application shall be made or continued within ½ mile of the Sacramento or Feather Rivers when the wind speed exceeds seven miles per hour.
- V. In Sacramento and Yolo Counties, no aerial applications shall be made or continued within ¼ mile of the Sacramento River unless they are made under the direct supervision of the county agricultural commissioner's representative.
- VI. In Sacramento and Yolo Counties, the maximum acres treated by air each day within ¼ mile of the Sacramento River shall not exceed 33 percent of the average acres treated per day by air within this area in each county during 2002.

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## Thiobencarb, Continued

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### Water Management

I. The following water holding requirements apply to rice fields treated with thiobencarb in the Sacramento Valley (north of the line defined by Roads E10 and 116 in Yolo County and the American River in Sacramento County), except those treated with Abolish® 8EC:

A. Except as listed below, all water on treated fields must be retained on the treated fields for at least 30 days following application. When drainage begins, discharge must not exceed two inches of water over a drain box weir for seven additional days. Unregulated discharges from these fields may then begin after 37 days.

1. When water is contained within a tailwater recovery system, ponded on fallow land, or contained in other systems appropriate for preventing discharge, the water must be retained in the system for 19 days, unless:

(a) The system is under the control of one permittee, then water may be discharged from the application site in a manner consistent with product labeling (14-day water hold).

(b) The system includes drainage from more than one permittee, then water must be retained on the site of application for six days before being discharged from the application site into the system.

(c) Water is on fields within the bounds of areas that discharge negligible amounts of rice field drainage into perennial streams until fields are drained for harvest. Water-hold may be reduced to six days if the commissioner evaluates such sites and verifies the hydrologic isolation of the fields.

II. Rice fields treated with thiobencarb in the Sacramento/San Joaquin Valley (south of the line defined by Roads E10 and 116 in Yolo County and the American River in Sacramento County), except those treated with Abolish® 8EC:

A. Except as listed below, all water on treated fields must be retained on the treated fields for at least 19 days following application. When drainage begins, water discharge must not exceed two inches of water over a drain box weir for an additional seven days. Unregulated discharges from these fields may begin after 26 days.

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## Thiobencarb, Continued

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1. When water is contained within a tailwater recovery system, ponded on fallow land, or contained in other systems appropriate for preventing discharge, the system may discharge 19 days following the last application of thiobencarb within the system unless:
  - (a) The system is under the control of one permittee, then water may be discharged from the application site in a manner consistent with product labeling (14-day water-hold period).
  - (b) The system includes drainage from more than one permittee, then water must be retained on the site of application for six days before discharged from the application site into the system.
  - (c) Water is on fields within the bounds of areas that discharge negligible amounts of rice field drainage into perennial streams until fields are drained for harvest. Water-hold may be reduced to six days, if the commissioner evaluates such sites and verifies the hydrologic isolation of the fields.

### III. All areas, fields treated with Abolish® 8EC:

- A. Except as listed below, all water on treated fields must be retained on the treated fields for at least 19 days following application. When drainage begins, water discharge must be released at a volume not to exceed two inches of water over a drain box weir for an additional seven days. Unregulated discharges from these fields may begin after 26 days.
  1. For water contained within a tailwater recovery system, ponded on fallow land, or contained in other systems appropriate for preventing discharge, the system may discharge 19 days following the last application within the system unless:
    - (a) The system is under the control of one permittee, then water may be discharged from the application site in a manner consistent with product labeling (14-day water-hold period).
    - (b) The system includes drainage from more than one permittee, then water must be retained on the site of application for six days before discharged from the application site into the system.
    - (c) Water is on fields within the bounds of areas that discharge negligible amounts of rice field drainage into perennial streams until fields are drained for harvest, then water-hold may be reduced to six days if the commissioner evaluates such sites and verifies the hydrologic isolation of the fields.

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## Thiobencarb, Continued

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### IV. Emergency release requirements (Salinity damage):

The county agricultural commissioner may authorize the emergency release of field water after a minimum 19-day water-hold period after the last thiobencarb application, following the review of a written application that demonstrates salinity levels are damaging to the crop.

- A. Applicants for such emergency releases must provide the following information:
1. All information indicated on the emergency release request (Form A), including a description of the severity and extent of salinity damage.
  2. Electrical conductivity (EC) measurements, expressed as deciSiemens per meter (dS/m) or microSiemens per centimeter ( $\mu\text{S}/\text{cm}$ ), from field water in each paddy suspected of having salinity problems. To most effectively demonstrate salinity problems, measurements should be taken wherever salinity problems are evident.
  3. The instrument (make and model) used to determine EC measurements. The instrument must have a sensitivity range that accommodates the full range of EC values in intake and paddy water (usually a range of 0-5.0 dS/m or 0-5,000  $\mu\text{S}/\text{cm}$  should be sufficient) and should have a resolution of not less than five percent. The instrument must be calibrated according to the manufacturer's instructions. The applicant must specify the method of temperature compensation (i.e., automatic, conversion table).
  4. Who made the EC measurements.
  5. The source of irrigation water (e.g., district supply canal, drainage canal, well, etc.).
- B. An emergency release may be granted only if all of the following conditions are satisfied:
1. All required information is provided.
  2. Water management requirements for rice pesticides other than thiobencarb are satisfied.
  3. EC of paddy water exceeds 2.0 dS/m or 2,000  $\mu\text{S}/\text{cm}$ .
  4. The county agricultural commissioner or his/her staff inspects the site.
- C. Water may be released from paddies where EC measurements exceed 2.0 dS/m or 2,000  $\mu\text{S}/\text{cm}$  and from paddies down gradient from such paddies within the same field. Water shall only be released in an amount necessary to mitigate the salinity problem.
- D. Those issued an emergency release must submit to the county agricultural commissioner, a report (Form B) indicating the time and duration of the emergency release and data that can be used to calculate the total amount of water released during the emergency release.
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Table A

## Rice Pesticides Water Management Requirements Summary

**Note: Amended –added Willowood Thio Ultramax.**

Water must be held for the indicated number of 24-hour periods on the treated field, or within the containment area specified below before release into State waters.		Thiobencarb			Thiobencarb Plus Imazosulfuron	
		Bolero® UltraMax	Abolish® 8 EC	Willowood Thio Ultramax	League® MVP	Malathion
		Hold	Hold	Hold	Hold	Hold
<b>NORTH SAC VALLEY</b>	Single treated fields.	30	19	30	30	4 (b)
	Release into tailwater recovery system or ponded onto fallow land or contained in other systems appropriate for preventing discharge.	19	19	19	19	
	System controlled by one permittee, then water may be discharged into the system in manner consistent with product labeling.	14	14	14	14	
	System includes drainage from more than one permittee, then water must be retained on site.	6	6	6	6	
	Water on fields within bounds of areas that discharge negligible amounts of drainage onto perennial streams. Commissioner must evaluate such sites and verify the hydrologic isolation of the fields.	6	6	6	6	
	CAC may authorize emergency release of tailwater.	19	19	19	19	
<b>SOUTH SAC &amp; SJ VALLEY (a)</b>	All water on treated fields must be retained on the treated fields.	19	19	19	19	4 (b)
	Release into tailwater recovery system or ponded onto fallow land or contained in other systems appropriate for preventing discharge.	19	19	19	19	
	System controlled by one permittee, then water may be discharged in manner consistent with product labeling.	14	14	14	14	
	System includes drainage from more than one permittee, then water must be retained on site.	6	6	6	6	
	Water on fields within bounds of areas that discharge negligible amounts of drainage onto perennial streams. Commissioner must evaluate such sites and verify the hydrologic isolation of the fields.	6	6	6	6	
	CAC may authorize emergency release of tailwater.	19	19	19	19	

(a) – South Sacramento & San Joaquin Valley defined as: South of the line defined by Roads E10 and 116 in Yolo County and the American River in Sacramento County.

(b) – Voluntary hold.