

**County of Yolo**

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AGRICULTURAL COMMISSIONER

SEALER OF WEIGHTS AND MEASURES

**2021 RICE PESTICIDE PERMIT CONDITIONS**

In accordance with Section 14007 of the California Food and Agricultural Code and Section 6432, Title 3 of the California Code of Regulations, the following are Permit Conditions governing the use of Thiobencarb (Bolero/Abolish), Cyhalofop Butyl (Clincher), Propanil and Bispyribac-Sodium (Regiment or Arroz) on rice in Yolo County. The drift control requirements for the rice herbicides listed above have been mailed to the Pest Control Operators.

GENERAL APPLICATION REQUIREMENTS

1. **NOTICE OF INTENT: A Notice of Intent (NOI) for each property to be treated shall be submitted 48 hours prior to the actual application.**

2. NOTICE OF APPLICATION: A Notice of Application (NOA) shall be submitted within 24 hours following the application for each property treated.

1. Prior to the application of Bolero, or Abolish drainage structures in each field must be filled with soil or isolated with a berm taller than the water depth in the field. The soil barriers must prevent any discharge of field water from the time of application until the end of the water holding period. Water in "sweat ditches" (ditches that capture water seeping through levees at the border of fields) that is discharged into drains may be a significant contributor of pesticides in waterways. Such discharges should be mitigated in order to prevent mandatory restrictions in the future.

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Included are permit conditions for: Thiobencarb water holding, drift minimization of rice pesticides, Propanil, Cyhalofop Butyl, Bispyribac Sodium, CCR 6776 (Posting Requirements), and 2020 melon location information.

I have received and understand the following Rice Permit Conditions.

[ ] THIOBENCARB [ ] PROPANIL [ ] BISPYRIBAC SODIUM

[ ] CYHALOFOP BUTYL

I understand that failure to follow these conditions will result in an Agricultural Civil Penalty.

PERMITEE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 PRINT NAME SIGNATURE

PERMIT #\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

YOLO COUNTY 2021 PROPANIL PERMIT CONDITIONS

**ALL USE OF PROPANIL IN YOLO COUNTY, REGARDLESS OF LOCATION, SHALL REQUIRE A 48-HOUR NOTICE OF INTENT.**

**USE OF PROPANIL NORTH OF STATE HIGHWAY 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:

1. Only non-emulsifiable formulations of Propanil (i.e., Super Wham!® CA, Wham! EZ® Ca) may be used. Emulsifiable formulations are prohibited.
2. **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.
3. **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.
4. **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.**
5. **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.
6. Air movement must be away from sensitive crops at all times during an application.
7. No application shall be made when the wind velocity is less than 2 miles per hour or greater than 7 miles per hour.

**Yolo County**

**Cyhalofop Butyl (Clincher CA) Permit Conditions for 2021**

**General Conditions:**

* A permit must be obtained from the County Agricultural Commissioner for any use of Cyhalofop Butyl in Yolo County.
* A **48 hour Notice of Intent** must be filed with the Yolo County Department of Agriculture prior to the application.
* Only approved adjuvants may be used with Cyhalofop Butyl. Cyhalofop Butyl **MAY NOT** be tank mixed with any other products.
* 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.**

* Planes and pilots **shall be certified** prior to making applications of Cyhalofop Butyl.
* For all aerial applications of Cyhalofop Butyl, use only a spray adjuvant on the approved list and water.
* Apply using fixed-winged aircraft only.
* 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.*
* Minimum wind speed restriction is 3 mph and maximum wind speed restriction is 7 mph, measured at 4 feet above the crop canopy.
* Maximum application height above the crop canopy shall be 10 feet.
* Do not apply when the temperature is greater than 85 degrees.

**Ground Application:**

* All Pest Control Operators (PCO’s) and Private Applicators using ground application equipment must attend a Cyhalofop Butyl stewardship training.

**Yolo County for Cyhalofop Butyl Permit Conditions for 2021, continued**

* Do not apply Cyhalofop Butyl when wind speeds are greater than 10 mph measured at four (4) feet above the crop.
* The following Distance Restrictions are required between sensitive crops and rice fields to be treated with Cyhalofop Butyl:
	+ Within 660 feet of peaches and nectarines – **no application**.
	+ At least 660 feet away from, and up to 1320 feet of peaches and nectarines – **Apply with wind away**.
	+ More than 1320 feet away from peaches and nectarines – **no wind directional restrictions.**
	+ 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**.
* Follow label requirements for ground application equipment specifications.

**Yolo County**

**Bispyribac-Sodium (Regiment or Arroz)** **Permit Conditions for 2021**

**General Conditions:**

* A permit must be obtained from the County Agricultural Commissioner for any use of Bispyribac Sodium CA in Yolo County.
* A **48 hour** Notice of Intent must be filed with the Yolo County Agricultural Commissioner prior to the application of Bispyribac Sodium.
* 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.
* Pesticide Use Reporting of Bispyribac Sodium is required.
* 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.
* 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.
* **All applications must be completed during daylight hours**.
* A Smoke Column must be present during the entire application.
* 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:**

**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.

* Operators and pilots **shall** **attend an educational session** regarding proper application.
* **Every aircraft** must be certified prior to the application of Bispyribac Sodium in Yolo County.
* On site monitoring records are 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:**

* **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.
* A Positive air flow away from any sensitive crops.

