



**BUTTE COUNTY**  
**DEPARTMENT OF AGRICULTURE / WEIGHTS & MEASURES**  
316 Nelson Ave.  
Oroville, CA 95965  
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## 2020 Permit Conditions for Bispyribac-Sodium Applications

### **General Conditions:**

- For the purpose of these conditions, a sensitive orchard crop is considered a non-bearing commercial nut crop up to the 4<sup>th</sup> leaf growth stage or has never been harvested.
- A Restricted Material Use Permit must be obtained from the Butte County Agricultural Commissioner prior to any use of Bispyribac-Sodium in Butte County.
- A 24-hour Notice of Intent must be filed with the Butte County Department of Agriculture prior to each 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 under permit in Butte County.
- Inversions: Recommended to apply Bispyribac-Sodium after 7 am. No applications may take place during low-level inversion conditions. Inversion conditions begin to diminish after a 3° F temperature rise from the morning low. They may return after a 5° F drop in temperature in the afternoon.
- Follow all label and supplemental label requirements.

### **Ground Applications within ½ Mile of Sensitive Orchard Crops:**

**Prohibited Applications:** No applications shall be made within **250 feet** of a sensitive orchard crop or when temperature exceeds 90 degrees.

**Positive Airflow:** A positive air flow away from sensitive orchards crops shall be present throughout the entire application. At any time during the application if air flow changes in the direction of the sensitive crop, the application must cease until more favorable conditions are identified.

**Wind Speed:** All 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 measurements shall be taken four (4) feet above the crop being treated.)

**Onsite Wind Monitoring:** Onsite monitoring of wind speed and wind direction shall be conducted and documented on each load applied. The record of the recorded data shall be retained for two years.

**Smoke Column:** A smoke column must be used during the entire application.

### **Aerial Applications:**

**Prohibited Applications:** No applications shall be made when the temperature exceeds 90 degrees or within 2 miles of sensitive orchard crops or ½ mile of all commercial orchard crops.

**Acreage:** A maximum of 500 acres per day, per Pest Control Operator of Bispyribac-Sodium shall be applied unless, expressly authorized by the Butte County Agricultural Commissioner.

**Certifications:** Aircraft and pilots must be certified prior to making any applications of Bispyribac-Sodium. Certification of aircraft to determine VMD Droplet Spectrum; according to label, will be set at a minimum of 50 feet (25 feet in both directions from the center of the aircraft) or variation thereof.

**Equipment:** All aerial applications shall be made with the flat fan 4015 or 4020 nozzle spray tips set at zero degrees deflection or other nozzles producing equal VMD Droplet Spectrum.

**Dilution:** All applications shall be made with 10 gallons of water per acre total spray volume.

**Day Light:** All aerial applications must take place during day light hours.

**Wind Speed:** All 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 measurements shall be taken four (4) feet above the crop being treated.)

Application Height: Applications shall not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

**Aerial Applications within ½ mile - 2 miles of all commercial orchard crops**

Application Monitoring: For the duration of the application the aerial applicator must have an individual on the ground at the application site. This individual shall monitor conditions, maintain a smoke column and have the ability to waive off the application in the event that conditions are unfavorable to proper application.

Onsite Wind Monitoring: On site monitoring of wind speed and wind direction shall be conducted in a manner approved by the commissioner throughout the entire application. A record of this data shall be retained for two years.

Positive Airflow: All applications shall have wind flowing away from commercial orchard crops that are within two (2) miles of the application site.

Wind Speed: All 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 measurements shall be taken four (4) feet above the crop being treated.)