

The background of the slide is a light gray gradient, decorated with numerous realistic water droplets of various sizes. Some droplets are at the top left, some are along the right edge, and others are scattered at the bottom. The main title is centered in the upper half of the slide.

HDOA PESTICIDES BRANCH UPDATES

HAWAII COFFEE ASSOCIATION ANNUAL CONFERENCE 2022

HAWAII DEPARTMENT OF AGRICULTURE

PLANT INDUSTRY DIVISION

PESTICIDES BRANCH

WHAT IS A SECTION 18 EXEMPTION?

- SECTION 18 OF FIFRA- Allows unregistered uses of pesticides to address emergency conditions such as:



SECTION 18 APPROVED BY EPA

- HDOA AND THE COFFEE INDUSTRY GROUPS WORKED TOGETHER ON SUBMITTAL OCT 2020-APRIL 2021
- PRIAXOR HAS AN EXEMPTION FOR COFFEE AND WAS APPROVED BY THE US EPA IN MAY 2021



SECTION 18 APPROVED BY EPA

- RENEWAL WAS SUBMITTED BY HDOA ON APRIL 14, 2022. THE EXEMPTION FOR PRIAXOR WAS APPROVED ON MAY 18, 2022 AND EXTENDED TO MAY 19, 2023.

FIFRA Section 18 Specific Emergency Exemption Use Directions

Fluxapyroxad	Group	7	Fungicide
Pyraclostrobin	Group	11	Fungicide

Priaxor®
Xemium® Brand Fungicide

For distribution and use in the state of Hawaii under the Specific Emergency Exemption use directions pursuant to Section 18, as amended

Powered by **Xemium®** and **F500®** fungicides

For control of Coffee Leaf Rust (*Hemileia vastatrix*) in field-grown coffee

This specific emergency exemption is effective from **May 19, 2022 until May 19, 2023.**

EPA File Symbol No. 22-HI-01, 22-HI-02

Active Ingredients:

fluxapyroxad*: 1 <i>H</i> -Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)-	14.33%
pyraclostrobin**: (carbamic acid, [2-[[[1-(4-chlorophenyl)-1 <i>H</i> -pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester)	28.58%
Other Ingredients:	57.09%
Total:	100.00%

* Equivalent to 1.39 pounds of fluxapyroxad per gallon

** Equivalent to 2.78 pounds of pyraclostrobin per gallon

PPE REQUIREMENTS FOR PRIAXOR

- NIOSH APPROVED PARTICULATE FILTERING FACE PIECE RESPIRATOR (N,R,P FILTER)
- OR ELASTOMERIC PARTICULATE RESPIRATOR (N,P,R FILTER)
- OR POWERED AIR PURIFYING RESPIRATOR WITH HE FILTER
- **IF YOUR FARM FALLS UNDER WORKER PROTECTION STANDARD (WPS)**
REQUIREMENTS; RESPIRATORS REQUIRE MEDICAL MONITORING CLEARANCE AND
PROPER FIT TESTING!

EYE PROTECTION FOR PRIAXOR

- EYE PROTECTION
- BROW PROTECTION
- TEMPLE PROTECTION



UNDER THE SECTION 18 LABEL

- USE RATES ARE THE SAME A LAST YEAR
- PRE-HARVEST INTERVAL IS THE SAME AS LAST YEAR

Specific Use Directions for Priaxor® Xemium® Brand Fungicide in Field Grown Coffee

Target Disease	Use Rate per Application (fl ozs/A)	Maximum Number of Applications per Year	Maximum Rate per Year (fl ozs/A)	Minimum Time from Application to Harvest (PHI) (days)	Restricted Entry Interval (REI)
Coffee Leaf Rust (<i>Hemileia vastatrix</i>)	7.14	2	14.28	45	12 hours

Application Directions. For optimal disease control, begin foliar applications of **Priaxor** to **coffee trees** prior to onset of disease development and as part of a coffee rust management program. The minimum retreatment interval for **Priaxor** is 30 days.

UNDER THE SECTION 18 LABEL

- MINIMUM 20 GAL OF WATER PER ACRE MIXED WITH PRIAXOR
- GROUND APPLICATION ONLY (NO AERIAL/DRONE APPLICATIONS)
- FOR USE ONLY IN FIELD GROWN COFFEE (NO NURSERY OR GREENHOUSE APPLICATION)
- USER MUST BE IN POSSESSION OF THE SECTION 18 LABEL AND THE CONTAINER LABEL



NOTIFICATION TO HDOA IS A FIFRA REQUIREMENT!

- **AT LEAST 7 DAYS PRIOR TO APPLICATION**
- **SEND TO HDOA.SEC18@HAWAII.GOV**
- NAME OF APPLICATOR
- PHONE NUMBER
- EMAIL ADDRESS
- NAME OF FARM
- FARM ADDRESS, LOCATION AND/OR TAX MAP KEY (TMK)
- ACREAGE
- ESTIMATED DATE OF APPLICATION
- WPS COMPLETION DATE IF APPLICABLE



SECTION 18 –RECORD OF PESTICIDE APPLICATION

- **ALSO AN ENFORCEABLE REQUIREMENT**
- SUBMIT REPORT WITHIN 10 DAYS OF APPLICATION
- REPORTS ARE COMPILED, SUMMARIZED, AND INFO IS PROVIDED TO EPA FOR RE-REGISTRATION
- FAILURE TO NOTIFY OR SUBMIT USE REPORT MAY RESULT IN A WARNING NOTICE OR NOTICE OF VIOLATION.

P-36
04/2021

HAWAII DEPARTMENT OF AGRICULTURE - Pesticides Branch			
SECTION 18 SPECIFIC EXEMPTION - RECORD OF PESTICIDE APPLICATION			
Name of Applicator		Name and Address of Company	
Telephone No.	Email address		
Name of Pesticide Applied: Priaxor Xenium		EPA Registration Number: 7969-311	
Active Ingredient(s) and Percentage(s): Fluxapyroxad: 14.33%, Pyraclostrobin: 28.58%			
Date & Time of Application	Location of Treated Site	Description of Treated Site: <input type="checkbox"/> Field <input type="checkbox"/> Shadehouse <input type="checkbox"/> Greenhouse <input type="checkbox"/> Other (Specify):	
Crop Variety Treated: Coffee	Age of Crop	Target Pest(s): Hemileia vastatrix	
Type of Application: <input type="checkbox"/> Preplant <input type="checkbox"/> Pre-emergence <input type="checkbox"/> Post-emergence <input type="checkbox"/> Other (Please specify):			
Total Area Treated	Dilution Rate	Rate of Application	Total Amount Water Used
Total Amount of Pesticide Used		Total Amount of Active Ingredients Used	
		Fluxapyroxad: Pyraclostrobin:	
Air Temperature	Wind Direction	Wind Velocity: <input type="checkbox"/> 0-5 mph <input type="checkbox"/> 5-10 mph <input type="checkbox"/> 10-14 mph <input type="checkbox"/> Greenhouse <input type="checkbox"/> Other (Specify):	
Type of Equipment Used <input type="checkbox"/> Backpack Sprayer <input type="checkbox"/> Boom Sprayer <input type="checkbox"/> Mist Blower <input type="checkbox"/> Other (Please specify):			
Nozzles Used (type & size)	Operating Pressure	Operating Speed	
Tank Mix: <input type="checkbox"/> Adjuvant(s) (Please specify): <input type="checkbox"/> or <input type="checkbox"/> None			
Summary of Monitoring Program			
Summary of Sanitation Program			
Other Comments			
<i>I hereby affirm that the foregoing statement is true to the best of my knowledge and belief.</i>			
Signature: _____			
Print Name: _____			
Date: _____			

Please send completed form to Hawaii Department of Agriculture, Pesticides Branch within 10 days of application to:
hdoa.sect18@hawaii.gov or Pesticides Branch, 1428 S. King Street, Honolulu, Hawaii 96814.



SPECIAL LOCAL NEEDS (SLN) – PROBLAD VERDE

- PROBLAD VERDE SLN REQUEST SUBMITTED TO EPA 04/13/2022
- EPA HAS 90 DAYS TO OBJECT TO THE REGISTRATION; 07/12/2022
- PROBLAD VERDE FOR USE ON COFFEE IS CURRENTLY ALLOWED

ACCEPTED

April 13, 2022

Under Hawaii Pesticides Law
as Supplement to Product No.
13585.1

PROBLAD VERDE

FIFRA Section 24(c) Supplemental Label
For Use on Coffee to control Coffee Leaf Rust

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF HAWAII

EPA REG. No.: 84876-2
EPA SLN No.: HI-220001

This label expires and must not be distributed or used in accordance with this SLN registration after April 12, 2027.

ACTIVE INGREDIENT:

Banda de Lupinus albus doce (BLAD)* 20%

OTHER INGREDIENTS: 80%

TOTAL 100%

*BLAD is a naturally-occurring seed storage protein in sweet lupines; it is a 20 kDa polypeptide of β -conglutin, or characterized as a fragment of the amino acid sequence of β -conglutin.
1 gallon of PROBLAD VERDE contains 2.1 lbs of BLAD protein.

PROBLAD VERDE REQUIREMENTS

- PPE:
 - LONG SLEEVED SHIRT AND LONG PANTS
 - CHEMICAL-RESISTANT GLOVES MADE OF ANY WATERPROOF MATERIAL
 - SHOES PLUS SOCKS
 - PROTECTIVE EYEWEAR
 - NIOSH APPROVED PARTICULATE RESPIRATOR WITH ANY N, R, OR P FILTER (SIMILAR TO PRIAXOR)
- WPS REQUIREMENTS (SIMILAR TO PRIAXOR)
- APPLICATOR MUST HAVE SLN LABEL AND SECTION 3 LABEL DURING APPLICATION

PROBLAD VERDE REQUIREMENTS

- RESTRICTED ENTRY INTERVAL: 4 HOURS
- PRE-HARVEST INTERVAL: 1 DAY AFTER LAST APPLICATION
- RATE: 50 GALLONS OF WATER PER ACRE, 45.7 FL OZ/ACRE OF PRODUCT
- DO NOT MAKE MORE THAN FIVE (5) APPLICATIONS PER CROP SEASON
- NO MORE THAN TWO (2) APPLICATIONS BEFORE SWITCHING TO A NEW MODE OF ACTION



HAWAII DEPARTMENT OF AGRICULTURE PESTICIDES BRANCH EDUCATION SECTION

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QUESTIONS ABOUT REGISTRATION?

ESTHER REICHERT - #808-973-9403

**Remember...notify
7 days prior to
application**

Notification email
hdoa.sec18@hawaii.gov
or send mail to:
1428 S. King St.
Honolulu, HI 96814

**Report pesticide
application
within 10 days after
application**