DEPARTMENT OF AGRICULTURE AND MEASUREMENT STANDARDS

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TO: ALL PROPERTY OPERATORS, PEST CONTROL OPERATORS AND PEST CONTROL ADVISORS

This letter is a reminder to you of the regulations in effect for the 2019 cotton defoliation season (copy attached). Compliance with these regulations and prudent selection of method and timing of applications will reduce complaints and regulatory response.

1. **DEF or FOLEX** applications shall not be made within ½ mile of any area zoned as residential where people are actually residing or "other inhabited residential area" * designated by the Commissioner or any school in session or due to be in session within 24 hours.

2. **PARAQUAT** applications shall not be made within 1/8 mile by ground or ¼ mile by air of any area zoned as residential where people are actually residing or "other inhabited residential area" * designated by the Commissioner.

3. **DEF, FOLEX AND PARAQUAT** applications shall not, in any case, be made within 1/8 mile of any school.

4. For **DEF, FOLEX, and PARAQUAT** applications, "other inhabited residential areas" is defined as:

   - A group of 3 or more contiguous, (within 2 acres) occupied residences. Hospitals, rest homes, businesses, state highway rest stops, labor camps, and churches when occupied or due to be occupied within 24 hours.

Applications of these and other defoliants during inversion conditions may be label violations and can result in increased complaints, damage to susceptible crops and regulatory action.

Please be advised that as per Kern County Permit Conditions, **NO applications of Restricted Materials are to be made within ¼ mile of a school in session or during school sponsored activities when children are present.** In case of discrepancies, <u>always</u> follow the most restrictive law or regulation.

Sincerely,

Lanette Bankston, Deputy Director

Title 3
California Code of Regulations

6470. Cotton Harvest Aids.

S,S,S-tributyl phosphorotrithioate (DEF), tributyl phosphorotrithioite (Folex), or paraquat when used as cotton harvest aids, singly or in combination, shall be used only in accordance with the following restrictions:

(a)(1) Closed systems as specified in section 6000 shall be used for all mixing and transfers conducted by an employee.

- (2) Paraquat applications shall not be made within one-eighth of a mile of any school or any area zoned as residential where people are actually residing or other inhabited residential area designated by the commissioner.

(3) DEF or Folex applications shall not be made within one-half mile of any area zoned as residential where people are actually residing or other inhabited residential area designated by the commissioner or any school in session or due to be in session within 24 hours.

(4) DEF or Folex applications shall not in any case be made within one-eighth of a mile of any school.

(b)(1) Jet nozzles having an orifice of not less than one-sixteenth of an inch in diameter shall be used on aircraft with such orifices directed backward parallel to the horizontal axis of the aircraft in flight. A number 46 (or equivalent) or larger whirlplate may be used.

- (2) Aircraft nozzles shall not be equipped with any device or mechanism which would cause a sheet, fan, cone, or similar type dispersion of the discharged material.

(3) Aircraft boom pressure shall not exceed 40 pounds per square inch.

(4) These cotton harvest aids shall be applied by aircraft only in combination with a viscoelastic thickening agent or other drift control agent approved as effective for such purposes by the Director of the Department of Food and Agriculture.

(5) Except for the requirements of paragraph (4), this subsection does not apply to helicopters equipped with a Microfoil (R) boom operated at air speeds below 60 miles per hour.

(c) Air carrier ground equipment shall not be used to apply DEF or Folex.