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**COOPERATIVE EXTENSION
UNIVERSITY OF CALIFORNIA**

County of Fresno
Farm and Home Advisors Office

1720 South Maple Avenue
Fresno, California 93702

April 10, 1984

Manager
Fifiield Land Co.
4307 Fifiield
Brawley, CA 92227

REFERENCE: Revised List of Pesticides with Tolerances on Alfalfa Sprouts

Dear Sir:

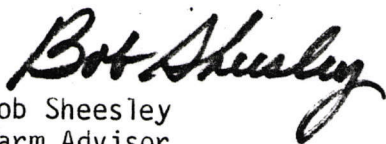
On March 26th I sent you a list of chemicals which have EPA established tolerances for fresh alfalfa or alfalfa hay. These residues are also acceptable by EPA for alfalfa sprouts. After further literature review, I am sending an extended revised list of chemicals and products which should replace the list in my March 26th letter. This expanded list, to my knowledge, is an accurate accounting of current tolerance allowances by EPA.

Please note that many (most) of the chemicals and products in this list are not presently registered for use on alfalfa seed crops in California. I am providing this information on those non-registered materials so that your files will note that these tolerances do exist.

This new list includes the materials in the list of March 26th plus 13 additional herbicides, 1 additional desiccant, 11 additional insecticides, and 1 additional fungicide. Of these added products, the following materials may likely be used in California alfalfa seed crops. Herbicides: EPTC, Velpar, Kerb, CIPC, IPC; Desiccant: Diquat; Insecticide: Toxaphene.

I trust this information will be helpful to you. If you care to discuss this information and/or possible alternatives for pest control in alfalfa seed, I will be available.

Sincerely,


Bob Sheesley
Farm Advisor

BS:dlq/wp

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CO-OPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS, U.S. Department of Agriculture,
University of California, and County of Fresno Co-operating.

Morse Lab.
Fulton Ave in Sacto

EPA Established Parts Per Million Tolerances

<u>Herbicides</u>	<u>Fresh Alfalfa</u>	<u>Alfalfa Hay</u>	<u>Notes</u>
1. 2, 4-DB	.2 N*	---	
2. 2,4D	.1 N*	---	
3. Avadex (Diallate)	---	.05 N*	
4. Balan (Benefin)	.05 N*	---	
5. CIPC	20.00 ppm	50.00 N*	(Interim Tolerance 9/83)
6. Dalapon	2.00 ppm	---	
7. EPTC	.1 N*	---	
8. IPC	2.00 ppm	5.00 ppm	(Interim Tolerance 9/83)
9. Karmex (Duiron)	2.00 ppm	---	
10. Kerb (Pronamide)	10.00 ppm	10.00 ppm	
11. MCPA	---	.1 ppm	
12. Paraquat (P. Dichloride)	5.00 ppm	---	
13. Planavin (Nitratin)	.1 N*	---	
14. Roundup (Glyphosate)	.2 ppm	---	
15. Sencor (Metribuzin)	2.00 ppm	7.00 ppm	
16. Simazine	15.00 ppm	---	
17. Sinbar (Terbacil)	---	5.00 ppm	
18. Tenoran (Chloroxuron)	.5 ppm	.5 ppm	
19. Tolban (Profluralin)	.1 N*	---	
20. Treflan (Trifluralin)	---	.2 N*	
21. Velpar (Hexazinone)	2.00 ppm	2.00 ppm	

Desiccant

1. Dinitro (Dinoseb)	.1 N*	---
2. Diquat	.1 ppm	---

Insecticides

1. Aluminum Phosphide and Magnesium Phosphide	.01 ppm .01 ppm	.01 ppm .01 ppm	(Fumigant) (Fumigant)
2. Baytex (Fenthion)	5.00 ppm	18.00 ppm	
3. Comite (Propargite)	50.00 ppm	75.00 ppm	(both tolerances pending 3/84)
4. Cygon (Dimethoate)	2.00 ppm	---	
5. Diazinon	40.00 ppm	10.00 ppm	
6. Dibrome (Naled)	10.00 ppm	---	(tolerance is for <u>Legume Forage</u>)
7. Disyston (Disulfoton)	5.00 ppm	12.00 ppm	
8. Dylox (Trichlorfon)	60.00 ppm	90.00 ppm	
9. Furadan (Carbofuran)	10.00 ppm	40.00 ppm	
10. Gardona (Tetrachlorvinphos)	---	110.00 ppm	
11. Guthion (Azinphosmethyl)	2.00 ppm	5.00 ppm	
12. Heptachlor and Heptachlor Epoxide	.03 ppm .03 ppm	.03 ppm .03 ppm	
13. Imidan	40.00 ppm	---	
14. Lanate or Nudrin (Methomyl)	10.00 ppm	---	
15. Lindane	.1 ppm		(Legume Hays)
16. Lorsban (Chlorpyrifos)	4.00 ppm	15.00 ppm	

Insecticides

17. Malathion	135.00 ppm	---
18. Meta Systox R (Oxydemetonmethyl)	5.00 ppm	11.00 ppm
19. Methoxychlor	100.00 ppm	---
20. Methyl Bromide	---	50.00 ppm
21. Parathion	1.25 ppm	5.00 ppm
22. Phosarin (Mevinphos)	1.00 ppm	---
23. Sevin (Carbaryl)	100.00 ppm	100.00 ppm
24. Supracide (Methidathion)	6.00 ppm	---
25. Systox (Demeton)	5.00 ppm	12.00 ppm
26. TEPP	.01 N*	---
27. Thimet (Phorate)	.5 ppm	1.00 ppm
28. Thiodan (Endosulfan)	.3 ppm	1.00 ppm
29. Toxaphene	---	1.00 ppm
30. Trithion (Carbophenothion)	5.00 ppm	5.00 ppm

(Interim Tolerance 9/83)

Fungicide

1. Ridomil (Metalaxyl)	.1 ppm	---	(Forage Legumes)
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*N = Negligible Residue Tolerance