



Nudrin[®] 1.8

Methomyl Insecticide Solution

SUPPLEMENTAL LABELING
EPA Reg. No. 201-347

RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification

SHELL NUDRIN 1.8 is recommended for use in cotton according to the directions given below.

DIRECTIONS FOR USE

It is a violation of federal law to use these products in a manner inconsistent with the product labeling.

201-347

CROPS	INSECTS	PINTS PER ACRE	LAST APPLICATION - DAYS	
			TO HARVEST	TO LIVESTOCK GRAZING/FEEDING
Cotton Use may redden cotton - if excessive, stop or alternate with other insecticides.	Ovicide/Larvicide Bollworm, Tobacco Budworm (Initiate schedule when eggs and significant numbers of newly hatched larvae are present. Continue at 5-7 day intervals while eggs present and larval control adequate. If significant larvae survive, use higher rates below.)	1/2-1	15	Do not graze or feed
	Larvicide U.S. Bollworm, Tobacco Budworm, Fall Armyworm, Beet Armyworm, Cotton Leafperforator, Lygus Bugst - Use as occasional spray in regular schedule but not more often than every 10 days.	2		
	Bollworm, Fall Armyworm, Tobacco Budworm, Beet Armyworm, Cotton Leafperforator, Lygus Bugst - After full boll load, use up to 3 sprays at 3-5 day intervals.	2-3		
West of Rockies	Cotton Fleahoppert	1/2-1		
	Beet Armyworm	1-1/3-2		
	Cotton Leafperforator	1-1/3-3		

CROPS	INSECTS	PINTS PER ACRE	LAST APPLICATION - DAYS	
			TO HARVEST	TO LIVESTOCK GRAZING/FEEDING
Cotton (Combination with AZODRIN 5 WMI)† Note use restrictions on AZODRIN labeling.	Lygus, Pink Bollworm, Loopers, Mites, Boll Weevil, Whiteflies	7/8-1-5/8 pt. AZODRIN 5 plus NUDRIN 1.8 (from above)	21	Do not graze or feed
	Thrips	3-5 oz./a AZODRIN 5 plus NUDRIN 1.8 (from above)		
Combination with Bacillus thuringiensis	Bollworm*, Tobacco Budworm*	1/2-1 plus registered rates of B.T.	15	Do not graze or feed
Combination with chlordimeform†	U.S. Bollworm*, Tobacco Budworm* TX Lygus Bugs	1/4 - 1/2 + 1/2 + 1/8 lb. Chlordimeform 1/4-1/2 + 1/8 lb. Chlordimeform	21	Do not graze or feed
Cotton Combination with FPN† (Do not enter field for 24 hrs. after treatment. Do not hand pick within 3 days of treatment).	Bollworm*, Tobacco Budworm*, Boll Weevil	1/2-1+ 1-2 pts. EPN (4lb./gal.)		
Cotton Combination with EPN + methyl parathion (Do not enter field for 48 hrs. after treatment. Do not hand pick within 7 days of treatment.)	Bollworm*, Tobacco Budworm*, Boll Weevil	1/2-1+ 2/3-1/1/3 pts. EPN + MP (3 lb. + 3lb./gal.)		
Cotton Combination with methyl parathion† Do not enter field for 48 hours after treatment. Do not hand pick within 7 days of treatment	Tobacco Budworm* Boll Weevil (5 to 7 day intervals)	1-1-1/4 pts NUDRIN plus 1-2 pts. methyl parathion (4 lb./gal.)	15	Do not graze or feed
	Bollworm* (5-7 day intervals)			

CROPS	INSECTS	PINTS PER ACRE	LAST APPLICATION - DAYS	
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Cotton Combination with permethrin.†	Bollworm*, Tobacco Budworm*	1/2-1 + 1-2 lb. permethrin		
Combination with PYDRIN® Insecticide 2.4 EC	Pink Bollworm Bollworm*, Tobacco Budworm*	1/8 to 1/4 lb/a NUDRIN 90 with 0.05-0.1 Lb ai/ acre PYDRIN	21	
	Cotton Leaf Perforator Bollworm*, Tobacco Budworm*	1/8 to 1/4 lb/a NUDRIN 90 with 0.10 Lb/a. acre PYDRIN		
	Cotton Bollworm*, Tobacco Budworm*, Lygus Bugs, Cabbage Looper, Beet Armyworm, Boll Weevil	1/8 to 1/4 Lb/a NUDRIN 90 with 0.10-0.20 Lb ai/ acre PYDRIN		

†Use not registered in Calif.

* - Ovicidal and larvicidal control

IMPORTANT

Read and carefully observe the cautionary statements on labeling of the products used in mixture.

This bulletin contains new or supplemental instructions for the use of these products which may supersede those appearing on the package label and must be in the possession of the user at the time of application. Follow the instructions carefully.

SHELL CHEMICAL COMPANY, A Division of Shell Oil Company, Houston, Texas 77001

ACL 2296A 5-82



Shell

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ACCEPTED
JUN 16 1982

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	U.S. Larvicide Bollworm, Tobacco Budworm, Fall Armyworm, Beet Armyworm, Cotton Leafperforator, Lygus Bugst - Use as occasional spray in regular schedule but not more often than every 10 days.	2		
	Bollworm, Fall Armyworm, Tobacco Budworm, Beet Armyworm, Cotton Leafperforator, Lygus Bugst - After full boll load, use up to 3 sprays at 3-5 day intervals.	2-3		
West of Rockies	Cotton Fleahopper†	1/2-1		
	Beet Armyworm Cotton Leafperforator	1-1/3-2 1-1/3-3		

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Combination with Bacillus thuringiensis	Bollworm*, Tobacco Budworm*	1/2-1 plus registered rates of B.T.	15	Do not graze or feed
Combination with chlordimeform†	U.S. TX Bollworm*, Tobacco Budworm* Lygus Bugs	1/4 - 1/2 + 1/2 + 1/8 lb. Chlordimeform 1/4-1/2 + 1/8 lb. Chlordimeform	21	Do not graze or feed
Cotton Combination with EPN† (Do not enter field for 24 hrs. after treatment. Do not hand pick within 3 days of treatment).	Bollworm*, Tobacco Budworm*, Boll Weevil	1/2-1+ 1-2 pts. EPN (4lb./gal.)		
Cotton Combination with EPN + methyl parathion (Do not enter field for 48 hrs. after treatment. Do not hand pick within 7 days of treatment.)	Bollworm*, Tobacco Budworm*, Boll Weevil	1/2-1+ 2/3-1 1/3 pts. EPN + MP (3 lb. + 3lb./gal.)		
Cotton Combination with methyl parathion† Do not enter field for 48 hours after treatment. Do not hand pick within 7 days of treatment	Tobacco Budworm* Boll Weevil (5 to 7 day intervals) Bollworm* (5-7 day intervals)	1-1-1/4 pts NUDRIN plus 1-2 pts. methyl parathion (4 lb./gal.)	15	Do not graze or feed

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Combination with PYDRIN® Insecticide 2.4 EC	Pink Bollworm Bollworm*, Tobacco Budworm*	1/8 to 1/4 lb/a NUDRIN 90 with 0.05-0.1 Lb ai/ acre PYDRIN	21	
	Cotton Leaf Perforator Bollworm*, Tobacco Budworm*	1/8 to 1/4 lb/a NUDRIN 90 with 0.10 Lb ai/ acre PYDRIN		
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SHELL CHEMICAL COMPANY, A Division of Shell Oil Company, Houston, Texas 77001

ACL 2296A 5-82

Shell Oil Company



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Washington, D.C. 20036

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VIA MESSENGER

February 17, 1982

NUDRIN® 1.8 Methomyl Insecticide Solution
EPA Reg. No. 201-347
Application for Amended Product Registration

U. S. Environmental Protection Agency
Registration Division (TS-767)
401 M Street, S.W.
Washington, D.C. 20460

ATTN Mr. Jay S. Ellenberger, Product Manager (12)

Gentlemen:

We are requesting an amendment to the label for the subject product. The revisions proposed fall into several categories and are outlined in the following attachments.

1. Table I - Insect Additions and/or Revisions to Existing Crops on the Label. This table outlines the changes in existing claims.
2. Table II - Crop Additions Proposed for the NUDRIN® 1.8 Methomyl Insecticide Solution Label. This chart lists the proposed crop additions to methomyl. Most, if not all, of these uses are claimed on special local need or federal registrations currently. Inclusion of the 24(c) on a Section 3 label should eliminate a large volume of uses.
3. Table III - Revisions to Label Text. This table covers changes to the label requested by EPA and changes necessitated by adding crops.
4. Supplemental Labeling. These uses were recently approved for this product, and we have included these in the booklet label at this time.

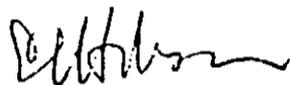
We are submitting the following items with respect to these amendments:

1. Application for Amended Pesticide Product Registration (EPA Form 8570-11).
2. Offer to Pay and Certification Statements.
3. Two (2) copies of the draft labeling.

With respect to these amendments, we hereby agree that we will submit and/or cite all data required for registration/reregistration of our product, NUDRIN 90 Methomyl Insecticide Water Soluble Powder, under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data. We understand that if these conditions are not complied with after the registration is issued, the registration will be subject to cancellation in accordance with Section 6(e) of the Act.

We have attempted to provide all the information in this application to assist in an expeditious review so that we might be able to use this label in this year's market. If you have any questions at all, please do not hesitate to contact this office.

Very truly yours,



E. L. Hobson, Ph.D.
Washington Representative
Regulatory Affairs, HS&ES

Attachments