

February 5, 1986

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.

SUPPLEMENTAL LABEL FOR HOELON^(R) 3EC HERBICIDE IN SOYBEANS

For Preemergence Control of Grassy Weeds in Soybeans

Important

Before using this product, read and follow all applicable restrictions and precautionary statements on the HOELON label. It is a violation of Federal law to use this product in a manner inconsistent with its labeling. The EPA approved HOELON label must be in the possession of the user at the time of application.

USE DIRECTIONS

The preemergence surface application of HOELON should be used only on soils with an organic matter content of 2% or less. Moisture is required for preemergence control of grassy weeds with HOELON. Generally, 1/2" - 1" rainfall within 7-10 days of application is sufficient for HOELON activation. Consult the Weeds Controlled table listed below for the weeds controlled by preemergence surface HOELON applications.

WEEDS CONTROLLED:

The preemergence surface application of HOELON, at recommended rates, will control the following weeds:

Annual ryegrass.....	(<u>Lolium multiflorum</u>)
Broadleaf signalgrass.....	(<u>Brachiaria platyphylla</u>)
Crabgrass.....	(<u>Digitaria sanguinalis</u>)
Fall panicum.....	(<u>Panicum dichotomiflorum</u>)
Barnyardgrass.....	(<u>Echinochloa crusgalli</u>)
Giant foxtail.....	(<u>Setaria faberii</u>)
Green foxtail.....	(<u>Setaria viridis</u>)
Yellow foxtail.....	(<u>Setaria lutescens</u>)
Witchgrass.....	(<u>Panicum capillare</u>)
Goosegrass.....	(<u>Eleusine indica</u>)
Texas panicum.....	(<u>Panicum texanum</u>)

APPLICATION INFORMATION

For ground application apply this tank mix in ten (10) gallons of water and/or fluid fertilizer per acre. Before using fluid fertilizer run a compatibility test. For information on calculating banded application rates, consult the HOELON label. Aerial applications must be applied in at least five (5) gallons of spray solution per acre. ✓

For all applications, use nozzle tips and spray pressures which provide uniform droplet size and thorough spray coverage. The application rates are dependent upon soil type and organic matter content. Consult the Application Rate table listed below, for information on HOELON rates.

HOELON Application Rates:

	HOELON Broadcast Rate in Pints*/A	
	% Organic Matter 1/2 - 1%	% Organic Matter 1 - 2%
Soil Texture:		
Coarse (Sandy Loam, Loamy Sand)	2	2 2/3
Medium (Loam, Silt Loam, Silt)	2 2/3	3 1/3 ✓

*Pints per acre based on a 3 lb. ai/gallon. ✓

SPECIAL NOTES:

1. **DO NOT** apply more than 3 1/3 pints of HOELON in a growing season.
2. Preemergence HOELON applications will not adequately control grasses on soils with organic matter above 2%, or on heavy textured soils; i.e., clay, clay loam or silty clay loam.
3. **DO NOT** seed barley within 4 months of a HOELON application.
4. Do not allow livestock to graze treated fields. Do not harvest forage, hay, or straw from treated fields prior to normal soybean harvest.

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SUPPLEMENTAL LABEL FOR TANK MIXES OF HOELON^(R) 3EC HERBICIDE PLUS LINURON IN SOYBEANS

For Preemergence Control of Grassy Weeds and Broadleaf Weeds in Soybeans

Important

Before using these products, read and follow all applicable restrictions and precautionary statements on the HOELON label as well as the linuron label. It is a violation of Federal law to use these products in a manner inconsistent with their labeling. The EPA approved HOELON and linuron labels must be in the possession of the user at the time of application.

USE DIRECTIONS

The HOELON plus linuron tank mix is to be used as a preemergence surface treatment on soils with an organic matter content of 2% or less. Apply after planting, but before the crop emerges. Do not use this tank mix postemergence. Although HOELON and linuron have postemergence activity, the tank mix will cause soybean injury if the soybeans are sprayed after emergence. Moisture is required for preemergence control of grassy weeds with HOELON. Generally, 1/2" - 1" of rainfall within 7 - 10 days of application is sufficient for HOELON activation. Consult the Weeds Controlled table listed below for the weeds controlled by this tank mix.

WEEDS CONTROLLED:

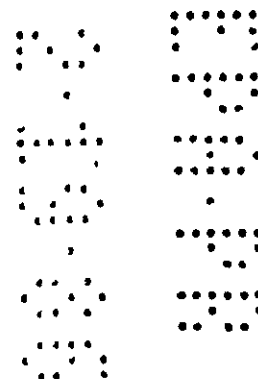
The preemergence application of HOELON plus linuron, at recommended rates, will control the following weeds:

Grasses

Annual ryegrass
(*Lolium multiflorum*)
Broadleaf signalgrass
(*Brachiaria platyphylla*)
Crabgrass
(*Digitaria sanguinalis*)
Fall panicum
(*Panicum dichotomiflorum*)
Barnyardgrass
(*Echinochloa crusgalli*)
Giant foxtail
(*Setaria faberii*)
Green foxtail
(*Setaria viridis*)
Yellow foxtail
(*Setaria lutescens*)
Witchgrass
(*Panicum capillare*)
Goosegrass
(*Eleusine indica*)
Texas panicum
(*Panicum texanum*)

Broadleaf Weeds:

Florida beggarweed
(*Desmodium tortuosum*)
Carpetweed
(*Mollugo verticillata*)
Chickweed
(*Stellaria media*)
Common dayflower
(*Commelina* spp.)
Galinsoga
(*Galinsoga* spp.)
Lambsquarters
(*Chenopodium album*)
Nettleleaf goosefoot
(*Chenopodium murale*)
Pigweed
(*Amaranthus* spp.)
Purslane
(*Portulaca oleracea*)
Wild radish
(*Raphanus raphanistrum*)
Common ragweed
(*Ambrosia artemisiifolia*)
Smartweed
(*Polygonum* spp.)



2000 L
EPA Re. No.
352-391
Do not apply
due to leaf
special
review

APPLICATION INFORMATION

For ground application apply this tank mix in ten (10) gallons of water and/or fluid fertilizer per acre. Before using fluid fertilizer run a compatibility test. For information on calculating banded application rates, consult the HOELON label. Aerial applications must be applied in at least five (5) gallons of spray solution per acre.

For all applications, use nozzle tips and spray pressures which provide uniform droplet size and thorough spray coverage. The application rates are dependent upon soil type and organic matter content. Consult the Application Rate table listed below, for information on herbicide rates.

HOELON + Linuron Application Rates:

Soil Texture:	Broadcast Rate in Pints*/A		
	HOELON Rate		Linuron Rate
	% Organic Matter		% Organic Matter
	1/2 - 1%	1 - 2%	1/2 - 2%
Coarse (Sandy Loam, Loamy Sand)	2	2 2/3	1 - 1 2/3
Medium (Loam, Silt Loam, Silt)	2 2/3	3 1/3	1 1/4 - 2 1/3

352-391

*Pints per acre based on a 3 lb. ai/gallon HOELON and a 4 lb. ai/gallon linuron liquid.

SPECIAL NOTES:

1. The HOELON + linuron tank mix will not adequately control weeds on soils with organic matter above 2%, or on heavy textured soils; i.e., clay, clay loam or silty clay loam.
2. DO NOT apply more than 3 1/3 pints of HOELON in a growing season.
3. Plant soybean seeds at least 1 3/4" deep on flat or raised seed beds. Failure to follow these planting procedures will result in crop injury.
4. Injury to soybeans may result if application is made to fields with standing water or fields too wet to cultivate.
5. Do not allow livestock to graze treated fields. Do not harvest forage, hay or other crops from treated fields prior to normal soybean harvest.
6. Soybeans may be replanted within four (4) months of application; after four months any crop may be planted.

Mr. Victor A. Dorr
American Hoechst Corporation
Route 202-206 North
Somerville, NJ 08876

FEB 24 1986

Dear Mr. Dorr:

Subject: Amendments - Soybeans Preemergence Application - Linuron Tank Mix
Hoelon 3EC
EPA Registration No. 8340-20
Your Submission of February 18, 1986

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act is acceptable, provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. On page 2 of Preemergence Supplemental Label, change ". . . tank mix. . ." to "product."
 - b. On the Linuron Tank Mix Supplemental Label delete all reference to aerial application. The labeling for "Lorox L," EPA Registration No. 352-391, states "Do not apply aerially."
2. Submit one (1) copy of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

Richard F. Mountfort *RFM*
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (TS-767C)

Enclosure
89698:Mountfort:MF-4:KENCO:2/21/86:3/5/86:eg:vo

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							

February 5, 1986

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**SUPPLEMENTAL LABEL FOR TANK MIXES OF HOELON^(R) 3EC HERBICIDE
PLUS LINURON IN SOYBEANS**

ACCEPTED
with comment
FEB 24 1986
EPA Regional Office
8340-20

**For Preemergence Control of Grassy Weeds and
Broadleaf Weeds in Soybeans**

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(*Chenopodium murale*)
Pigweed
(*Amaranthus* spp.)
Purslane
(*Portulaca oleracea*)
Wild radish
(*Raphanus raphanistrum*)
Common ragweed
(*Ambrosia artemisiifolia*)
Smartweed
(*Polygonum* spp.)

5055
 Leroy L
 FPR Bu. Ni
 352-391
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 Re: Taylor
 due to being
 in special
 review
 weekly

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