

DIRECTIONS FOR USE

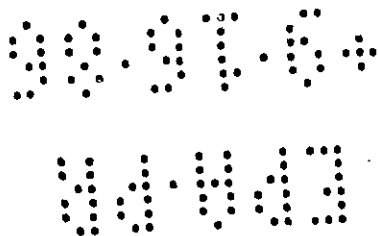
IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.
CAREFULLY CALIBRATE ALL APPLICATION EQUIPMENT.

GRASSHOPPERS

CROP	QUARTS OF "SEVIN" BRAND FR/ACRE	PREHARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
All Forage, Field and Vegetable Crops	1/2 to 1 1/2 Unless Noted Otherwise	See Specific Forage, Field or Vegetable Crop	Use the lower rate for nymphs on small plants or sparse vegetation in wastelands, rangeland, pastures, rights-of-way, ditchbanks, hedgerows and roadsides. Use the higher rate for adults or applications to dense vegetation.

CROP	INSECT	QUARTS OF "SEVIN" BRAND FR/ACRE	PREHARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Alfalfa	Bilster Beetles Mexican Bean Beetle	1/2 to 1		Observe plant response precautions.
	Alfalfa caterpillar Bean leaf beetle Cucumber beetles Green cloverworm Japanese beetle		7	On dense growth use 25 to 40 gallons per acre with ground equipment to ensure adequate coverage.
	Leafhoppers Three cornered alfalfa hopper Thrips Violetbean caterpillar			For alfalfa weevil larvae, if pretreatment damage is extensive, cut alfalfa and treat the stubble.
Alfalfa	Armyworm Cloverhead weevil Corn earworm Cutworms Egyptian alfalfa weevil larvae Essex skipper	1 to 1 1/2		Apply only once per cutting.
	European alfalfa beetle fall armyworm Lygus bugs Webworms Yellowstriped armyworm			
	Alfalfa weevil larvae West of the Rocky Mountains East of the Rocky Mountains	1 to 1 1/2 1 1/2		

6672y/8-20-86



ACCEPTED
MAY 03 1987
Under the Federal Insecticide, Fungicide, and Rodenticide Act, for the pesticide
264-345



UNION CARBIDE AGRICULTURAL PRODUCTS COMPANY, INC.
T. W. ALEXANDER DRIVE
P.O. BOX 12014
RESEARCH TRIANGLE PARK, NC 27709

SEVIN® brand FR Carbaryl¹ Insecticide. EPA Reg. No. 264-345
Revised Directions for use on Forage Crops: Alfalfa, Pastures, Rangeland, Wasteland/Rights-of-Way/Hedgerows/Ditchbanks/Roadsides

PRODUCT BULLETIN

22 925



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 PRODUCTS COMPANY, INC.
 T. W. ALEXANDER DRIVE
 P.O. BOX 12014
 RESEARCH TRIANGLE PARK, NC 27709

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 Forage Crops: Alfalfa, Pastures,
 Rangeland, Wasteland/Rights-of-
 Way/Hedgerows/Ditchbanks/Roadsides

DIRECTIONS FOR USE

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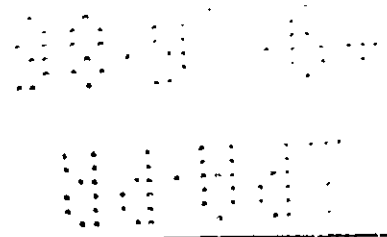
GRASSHOPPERS

CROP	QUARTS OF "SEVIN" BRAND FR/ACRE	PREHARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
All Forage, Field and Vegetable Crops	1/2 to 1 1/2 Unless Noted Otherwise	See Specific Forage, Field or Vegetable Crop	Use the lower rate for nymphs on small plants or sparse vegetation in wastelands, rangeland, pastures, rights-of-way, ditchbanks, hedgerows and roadsides. Use the higher rate for adults or applications to dense vegetation.

CROP	INSECT	QUARTS OF "SEVIN" BRAND FR/ACRE	PREHARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Alfalfa	Blister Beetles Mexican Bean Beetle	1/2 to 1		Observe plant response precautions
	Alfalfa caterpillar Bean leaf beetle Cucumber beetles Green cloverworm Japanese beetle	1	7	On dense growth use 25 to 40 gallons per acre with ground equipment to ensure adequate coverage.
	Leafhoppers Three cornered alfalfa hopper Thrips Velvetbean caterpillar	1 to 1 1/2		For alfalfa weevil larvae, if pretreatment damage is extensive, cut alfalfa and treat the stubble. Apply only once per cutting.
	Armyworm Cloverhead weevil Corn earworm Cutworms Egyptian alfalfa weevil larvae Essex skipper	1 to 1 1/2		
	European alfalfa beetle Fall armyworm Lygus bugs Webworms Yellowstriped armyworm	1 to 1 1/2		
	Alfalfa weevil larvae	1 to 1 1/2		
	West of the Rocky Mountains East of the Rocky Mountains	1 1/2		

ACCEPTED
 MAY 03 1987
 Act,
 Idaho
 264-345

6672y/8-20-86



DIRECTIONS FOR USE (con't)

<u>CROP</u>	<u>INSECT</u>	<u>QUARTS OF "SEVIN" BRAND FR/ACRE</u>	<u>PREHARVEST INTERVAL (DAYS)</u>	<u>SPECIFIC DIRECTIONS</u>
Wasteland, Rights-of- Way, Hedgerows, Ditchbanks, Roadsides	Black grass bug	1/2 to 1	0	Apply a maximum of 2 applications per year. Allow at least 14 days between applications.
	Mormon cricket		(aerial application)	
	Range crane fly		14	Do not allow foraging or cut for hay within 14 days of last application by ground. Aerially treated areas can be grazed or cut for hay on day of treatment.
	Range caterpillar		(ground application)	
Grasshoppers				Carefully mark swaths to avoid over-application.
				Refer to the general GRASSHOPPER heading above.

IMPORTANT: Before using SEVIN brand FR carbaryl insecticide, read and carefully observe the Precautionary Statements and all other information appearing on the product label. This bulletin contains revised directions for use of this product which may not appear on the package label. Follow directions carefully.

OBSERVE ALL DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE FEDERAL LABEL FOR SEVIN BRAND FR CARBARYL INSECTICIDE.

August 1986

6672y/8-20-86

DIRECTIONS FOR USE (con't)

CROP	INSECT	QUARTS OF "SEVIN" BRAND FR/ACPE	PREHARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS	
Pasture	Armyworm Black grass bugs Chinch bugs Essex skipper Fall armyworm	Range caterpillars Range crane fly Striped grass looper Thrips	1 to 1 1/2	0 (aerial application) 14 (ground application)	To control thrips in grasses grown for seed use high spray pressure to improve penetration into root. Apply a maximum of 2 applications per year. Allow at least 14 days between applications. Do not allow foraging or cut for hay within 14 days of last application by ground. Aerially treated pastures can be grazed or cut for hay on day of treatment. Carefully mark swaths to avoid over-application.
	Grasshoppers			Refer to the general GRASSHOPPER heading above.	
Rangeland	Black grass bug Mormon cricket Range crane fly Range caterpillars	1/2 to 1	0	FOR AERIAL APPLICATION ONLY. Apply a maximum of 2 applications per year. Allow at least 14 days between applications. Carefully mark swaths to avoid over-application.	
	Grasshoppers			Refer to the general GRASSHOPPER heading above.	



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 PRODUCTS COMPANY, INC.
 T. W. ALEXANDER DRIVE
 P. O. BOX 12014
 RESEARCH TRIANGLE PARK, NC 27709

PRODUCT BULLETIN

SEVIN® Brand FR Carbaryl
 Insecticide. EPA Reg. No. 264-345
 Revised Directions for Use on
 Grapes

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.
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CROP	INSECT		QUARTS OF "SEVIN" BRAND FR/ACRE	PREHARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Grapes	European fruit lecanium	Western grapeleaf skeletonizer	1 to 2	7	Apply before first brood leaf- folder larvae emerge from rolls.
	Grape leaf folder Grape leafhopper	Western yellow- striped armyworm			
Grapes	Cutworms	Orange tortrix	2		
	Eight spotted Forester	Omnivorous leafroller			
	Grape berry moth	Redbanded leaf- roller			
	Japanese beetle	Saltmarsh caterpillar			
	Juno beetles				

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August 1986

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