

COBRA/COTTON - LIST OF REVISIONS

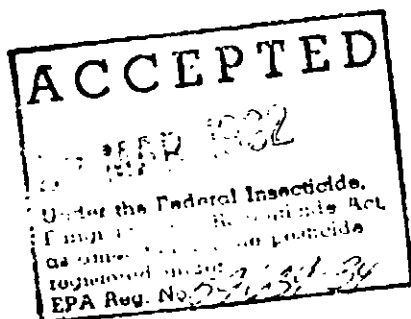
Rev. 92-1

Copy A - Booklet, page 52

Action: Deleteto 8....
Should Read:minimum height of 6 inches....

Copy B - Booklet, page 53 (through top of 54)

Action: Replace "Cotton Tolerance" paragraph
Should Read: Apply COBRA Herbicide to cotton ONLY as a DIRECTED SPRAY application with nozzles set to deliver the spray mixture toward the base of the cotton plant, as specified in the "Timing" and "Application" sections of this label. Lower leaves which are contacted by the spray mixture will appear spotted or light brown to bronze in color. This response will have no effect on the growth or development of the cotton crop, and all growth following application will be normal.



It is essential to establish a height differential of 3 to 5 inches between the crop and the target weeds prior to application to ensure full coverage of the weed leaf surfaces while minimizing direct contact of the spray mixture with the upper leaves and terminal area of the cotton plant.

COBRA is a contact herbicide. It does not move throughout the cotton plant and it will not vaporize off the soil surface.

DO NOT apply COBRA Herbicide OVER-THE-TOP of cotton.

Copy C - Booklet, pages 54, 55 (2 sites), 57, 59, 60 (2 sites), 61

Action: Change wording
Should Read: COTTON 6" or more

Rev. 92-1
Page 2

- Copy D - Booklet, page 54
Action: Add Sentence
Should Read: Nozzles should be set to spray no higher than the bottom 2 to 3 inches of the cotton stalk (or the top of the bark formation) and still fully cover the target weeds.
- Copy E - Booklet, pages 54, 56, 57, 58, 59 (2 sites), 60 (2 sites), 61, 63
Action: Change Wording
Should Read: COTTON 12" or more
- Copy F - Booklet, page 54
Action: Add Sentence
Should Read: Nozzles should be set to spray no higher than the bottom 1/3 of the cotton stalk (up to the first fruiting node) and still fully cover the target weeds.
- Copy G - Booklet, page 56
Action: Change Wording
Should Read:cotton at least 6" tall,....
- Copy H - Booklet, page 56
Action: Add to current sentence after parentheses
Should Read:(broadcast basis), if bark formation has begun.
- Copy I - Booklet, page 57
Action: Add sentence to surfactant "Comments"
Should Read: Use prior to bark formation to minimize stalk discoloration.
- Copy J - Booklet, page 59
Action: Enhance current wording by bold type
Should Read:before cotton reaches the bloom stage

3914



Active Ingredient By Wt
 *Lactofen 23.2%
 Inert Ingredients 76.8%
 *1-(carboethoxy) ethyl 5-[2-chloro-4-(trifluoromethyl) phenoxy]-2-nitrobenzoate
 Contains 2 lbs active ingredient per gallon

Do not apply this product through any type of irrigation system.

KEEP OUT OF REACH OF CHILDREN

DANGER

SEE NEXT PAGE FOR ADDITIONAL PRECAUTIONARY STATEMENTS
 PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

DANGER: Corrosive. Causes skin burns and irreversible eye damage. Harmful if swallowed, inhaled, or absorbed through skin. Do not get in eyes or on skin or clothing. Wear goggles or face shield, coveralls or tightly woven, long-sleeved shirt, and rubber gloves when handling. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. This product contains lactofen, which has been determined to cause tumors in laboratory animals (mouse, rat). Risks can be reduced by closely following use directions and precautions, and by wearing the protective clothing specified elsewhere on this label.

Note to Physicians: Emergency Information—call 1-800-457-2022 or 1-800-424-9300

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES, flush with plenty of water for at least 15 minutes. Get medical attention immediately.

IF SWALLOWED, DO NOT INDUCE VOMITING. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. Get medical attention immediately.

IF ON SKIN, wash with plenty of soap and water. Get medical attention.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of waste. Do not apply when weather conditions favor drift from target area.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

READ ENTIRE LABEL AND PAMPHLET. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

Do not treat areas where
 present in the treatment
 Do not allow entry in
 spray has dried.
 Certain states may require
 State Department of
 Written or oral warning
 tal exposure must be
 areas or in areas ab

DIRECTIONS FOR
 General Use Information
 Application:
 Timing
 Conventional
 Drift/Solid
 Ground
 Broadcast
 Band
 Low Volume
 SPRA-COUP
 Aerial
 Adjuvant and Adjuvant
 Recommendations
 Mixing Instructions
 Weeds Controlled
 Weeds Suppressed
 Perennial Weeds
 Tall Weeds Suppressed
 Tank Mix with B
 General Use
 Weeds Controlled
 Mixing Instructions
 Tank Mix with C
 General Use
 Weeds Controlled
 Mixing Instructions
 Tank Mix with 2

TABLE OF CONTENTS (continued)

General Use Information	23
Weeds Controlled by Tank Mix	24
Mixing Instructions and Use Restrictions	24-25
Tank Mix with PURSUIT Herbicide	Table 9S
General Use Information	25
Weeds Controlled by Tank Mix	25-27
Weeds Controlled by Low Rate Tank Mix	For the states of Indiana, Kentucky, Ohio and Michigan
Mixing Instructions and Use Restrictions	28-29
Tank Mix with SCEPTER Herbicide	Table 10S
General Use Information	29
Weeds Controlled by Tank Mix	29-30
Mixing Instructions and Use Restrictions	30
Tank Mix with ASSURE Herbicide	Table 11S
General Use Information	31
Tank Mix Application Area	31
Weeds Controlled by Tank Mix	31-32
Sequential Application	33
Mixing Instructions and Use Restrictions	33-34
Tank Mix with FUSILADE 2000 Herbicide	Table 12S
General Use Information	34
Tank Mix Application Area	34
Weeds Controlled by Tank Mix	35-36
Sequential Application	37
Mixing Instructions and Use Restrictions	37-39
Tank Mix with OPITHO Herbicide	Table 13S
General Use Information	38
Tank Mix Application Area	38
Weeds Controlled by Tank Mix	39-40
Sequential Application	40-41
Mixing Instructions and Use Restrictions	41
Sequential Application Following COMMAND 4 EC	41-42
General Use Information	42
COMMAND 4 EC Northern	42
Tank Mix Application Area	42-43
Sequential Application	43
Rotational Guidelines and Use Restrictions	43
COMMAND 4 EC Southern	45
Tank Mix Application Area	45
Sequential Application	46
Rotational Guidelines and Use Restrictions	Table 14S 46-47

TABLE OF CONTENTS (continued)

Sequential Application Following PURSUIT PLUS 3 AS	49
General Use Information	49
Sequential Weeds Controlled by COBRA	Table 16S
Use Restrictions	50
Sequential Application Following PASSPORT 26 AS Herbicide	51
General Use Information	51
Sequential Weeds Controlled	Table 17S
Use Restrictions	52
POST DIRECTED APPLICATION IN COTTON	
General Information	52
Precautions	53
Cotton Tolerance	53-54
Timing	54
Directed Band Application	54-55
Sprayer Calibration	55
Cultivation	55-56
Application Rates	56
Directed Postemergence and Layby	
COBRA Applied Alone	Table 18
Adjuvants	56
Recommendations	Table 20
Tank Mix with COBRA + BLADEX	
General Use Information	57
BLADEX 90DF, 80W 41	
Mixing Instructions	Table 30
Tank Mix with COBRA + KARMEY 80W	
General Use Information	58
Mixing Instructions	Table 40
Tank Mix with COBRA + MSMA	
General Use Information	59
Mixing Instructions	Table 50
Weeds Controlled by COBRA Herbicide	
and COBRA + MSMA Tank Mix	
Postemergence 6" or More Cotton	
Layby 12" or More Cotton	Table 60
COBRA + BLADEX Tank Mix COBRA + KARMEY Tank Mix	
Weeds Controlled by COBRA Herbicide	
Tank Mixes Layby 12" or More Cotton	Table 70
DIRECTIONS FOR USE IN SOUTHERN PINE SEEDLINGS	
General Use Information	64
Application Timing	64
Weeds Controlled	Table A
Appendix	65-69

TABLE OF CONTENTS

Storage and Warranty
 Emergency Telephone



MIXING

Add about 1/2 of the required amount of water to the spray tank and begin agitation. Add the required amount of COBRA Herbicide and mix thoroughly. Then add the correct amount of adjuvant and the remaining water. Maintain agitation during filling and spraying to ensure a uniform spray mixture.

WEEDS CONTROLLED BY COBRA HERBICIDE

Identify your weed species as early as possible and determine the stage of growth by counting the true leaves. Ignore the cotyledon (seed leaves) when you count. Use Table 2S of this label to determine the maximum weed leaf stage at which you must apply COBRA for effective weed control of the species desired.

Table 2S

WEEDS CONTROLLED BY COBRA HERBICIDE IN SOYBEANS

Common Name	Weed Growth Stages 12.5 fl. oz. per acre	Maximum Leaf Stages
Balloonvine		4
Beggarweed		6
Bristly Starbur		4
Buffalobur		4
Burcucumber		4
Carpetweed		8 in. diameter
Common Cocklebur		6
Common Purslane		8 in. diameter
Copperleaf		
Hopbush		6
Virginia		4
Croton		
Tropic		4
Woolly		4

Table 2S. (continued)

Common Name	Maximum Leaf Stages
Devilscow	4
Eclipta	6
Florida Beggarweed	2
Florida Pusley	6
Groundcherry	
Cutleaf	6
Lanceleaf	6
Hairy Galinsoga	4
Hemp Sesbania	6
Jimsonweed	4
Mexicanweed	4
Morningglories	
Cypressvine	4
Entireleaf*	2
Ivyleaf*	2
Palmleaf*	4
Pitted*	4
Purple Moonflower*	4
Smallflower*	4
Tall*	4
Nightshades	
Black	6
Eastern Black	6
Hairy	4
Pigweeds	
Palmer Amaranth	6
Prostrate	6
Redroot	6
Smooth	6
Spiny Amaranth	6
Poorjoe	6
Prickly Sida (Tea-weed)	4
Puncturevine	1.5 in. diameter

Table 2S. (continued)

Common Name	Maximum Leaf Stages
Ragweeds	
Common	6
Giant	4
Showy Croton	4
Smell Melon	6
Spurge	
Prostrate	1 in. diameter
Spotted	4
Tall Waterhemp	4
Velvetleaf**	4
Vernice Mallow	4
Wild Mustard	6
Wild Poinsettia	4
Wild Sunflower*	2
Witchweed	6-8 in. prior to bloom

* Crop oil concentrate is required at the rate of 1 pt./acre for control.
** Crop oil concentrate at 1 pt./acre or 28% N liquid fertilizer at 1 gal./acre plus non-ionic surfactant X-77 at 2 pts./100 gals. of solution or AMMONIUM SULFATE spray grade at 2.5 lb./acre plus non-ionic surfactant X-77 at 2 pts./100 gals. of solution is required for control.

Table 3S

WEEDS SUPPRESSED BY COBRA HERBICIDE

Common Name	Weed Growth Stages 12.5 fl. oz. per acre	Maximum Leaf Stages
Coffee Senna*		2
Pennsylvania Smartweed		4
Sicklepod*		2
Spurred Anoda		2

* Suppression may be improved when COBRA is applied following a preemergence application of LASSO® or DUAL® at the recommended rates. Only suppression of growth and not acceptable commercial control may

be expected when these weeds are treated with COBRA. The use of a crop oil concentrate at 1 pt. per acre is required for suppression of these weeds. Cultivation 1 week to 10 days after treatment will usually aid in obtaining satisfactory suppression of these weeds.

Table 4S

PERENNIAL WEEDS SUPPRESSED BY COBRA HERBICIDE

Common Name	Weed Growth Stages 12.5 fl. oz. per acre	Maximum Leaf Stages
Black Nightshade		6
Common Cocklebur		6
Common Purslane		6
Copperleaf		6
Hopbush		6
Virginia		6
Croton		6
Tropic		6
Woolly		6

The addition of crop oil concentrate at 1 pt./acre is required to burn back existing above ground vegetation and may retard the growth of new stage.

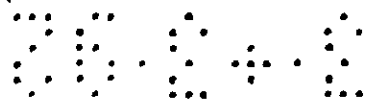


Table 5S

TALL WEEDS SUPPRESSED By COBRA HERBICIDE

Common Name	Weed Growth Stages 12.5 fl. oz. per acre	Weed Height - Inches*
Burcucumber		15-36
Jimsonweed		15-36
Ragweed		
Common		15-36
Giant		15-36
Velvetleaf		15-36

*When COBRA Herbicide is applied at this height complete control should not be expected.

The addition of crop oil concentrate at 1 pt./acre is required for suppression of these weeds.

APPLY NO LATER THAN 90 DAYS BEFORE HARVEST.

TANK MIX WITH BASAGRAN® HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN SOYBEANS

GENERAL INFORMATION

For best results the COBRA plus BASAGRAN® tank mix should be applied to actively growing weeds.

Do not apply COBRA tank mixtures during periods when the soybeans and the weeds are under stress or when conditions do not favor active weed growth. Refer to the COBRA Soybean Label for application timing.

Table 6S

COBRA Herbicide & BASAGRAN Herbicide Tank Mix - Soybeans - Rate and Time of Application Table.

Product	Product Rate	Weeds Controlled/ Weed Size	Adjuvant
COBRA	6 to 12.5 fl. oz. /A	Refer to Table 2S For Weeds Controlled at 12.5 fl. oz. /A	1 pt. Crop Oil Concentrate - A or 2 pts. non-ionic surfactant per 100 gals. water plus 1 gal. 28% liquid Nitrogen - A or 2.5 lb. A Ammonium Sulfate (spray grade)

COBRA RATE, A	10 oz	8 oz	6 oz
plus BASAGRAN			
BASAGRAN 1 pt. /A			
			Maximum Leaf Stage
Black Nightshade	6	4	2
Common Cocklebur	6	4	4
Common			
Lambsquarter	4	4	4
Pigweed			
Smooth	6	4	C**
Redroot	6	4	C**
Smartweed	4	4	4
Tall Waterhemp	6	4	C**
Velvetleaf*	6	4	3
Wild Sunflower	4	2	2

BEST AVAILABLE COPY

6917
Table 6S. (continued)

COBRA Herbicide & BASAGRAN Herbicide Tank Mix - Soybeans - Rate and Time of Application Table

Product	Product Rate	Weeds Controlled/ Weed Size	Adjuvant
		Yellow Nutsedge Refer to BASAGRAN label for other weeds claimed	6 in 6 in 6 in
	COBRA RATE/A		10 oz. 8 oz. 6 oz.
			Maximum Leaf Stage
BASAGRAN 2 pt. A	Common Cocklebur	10	10 10
	Common Lambsquarters	8	8 8
	Pennsylvania Smartweed	10	10 10
	Pigweed		
	Smooth	6	4 C**
	Redroot	6	4 C**
	Tall Waterhemp	6	4 C**
	Wild Sunflower	6	6 S
	Refer to BASAGRAN label for other weeds claimed		

*Add 1 gal. 28% N liquid fertilizer per acre or 2 lb. A Ammonium Sulfate (spray grade) plus 2 pt. non-ionic surfactant per 100 gals. water for best control.

**C is the cotyledon leaf stage.

MIXING INSTRUCTIONS

Maintain agitation throughout the spray application. Failure to agitate the spray volume may result in improper mixing of the herbicides and unsatisfactory weed control. Mixing and compatibility qualities should be verified by a jar test.

COBRA Herbicide Plus BASAGRAN Herbicide Tank Mix: Add 1/2 of the required water to the spray tank and begin agitation. Add the required amount of BASAGRAN and mix thoroughly. Then add the required amount of COBRA and continue mixing. Finally, add the required amount of crop oil concentrate or the 28% N liquid fertilizer and the remaining water.

Use Restrictions for COBRA Herbicide Plus BASAGRAN Herbicide Tank Mix

1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
2. Do not apply the COBRA plus BASAGRAN tank mix less than 90 days before harvesting soybeans.
3. Do not graze treated fields or harvest for forage hay.
4. Do not apply the COBRA plus BASAGRAN tank mix if rain is expected within 8 hours of application or unsatisfactory weed control may result.

TANK MIX WITH CLASSIC® HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN SOYBEANS GENERAL INFORMATION

For best results, the COBRA plus CLASSIC tank mix should be applied to actively growing weeds. Do not apply the COBRA and CLASSIC tank mix during periods when the soybeans and the weeds are under stress or when conditions do not favor active weed growth. Refer to the COBRA soybean label for application timing.

BEST AVAILABLE COPY

Table 7S

COBRA Herbicide & CLASSIC Herbicide Tank Mix - Soybeans - Rate and Time of Application Table

Product	Product Rate	Weeds Controlled/ Weed Size	Adjuvant
COBRA	6 to 12.5 fl oz. /A	Refer to Table 2S for weeds controlled at 12.5 fl oz. /A	2 pts. non-ionic surfactant per 100 gals. water. Surfactant must have at least 80% active ingredient.
			Do Not use crop oil concentrate or vegetable oil.
	COBRA RATE/A		10 oz. 8 oz. 6 oz.
			Maximum Leaf Stage
plus	CLASSIC		
CLASSIC	38 oz. /A	Black Nightshade	6 4 C**
		Common Cocklebur	8 6 C**
		Common Ragweed	6 4 C**
		Florida Beggarweed	6 2 C**
		Florida Pusley	6 6 C**
		Pennsylvania Smartweed	4 2 C**
		Pigweed	
		Smooth	6 4 C**
		Redroot	6 4 C**

Table 7S. (continued)

COBRA Herbicide & CLASSIC Herbicide Tank Mix - Soybeans - Rate and Time of Application Table

Product	Product Rate	Weeds Controlled/ Weed Size	Adjuvant
		Tall Waterhemp	6 4 C**
		Velvetleaf*	4 C**
		Wild Mustard	6 4 C**
		Wild Sunflower	6 4 C**
	COBRA RATE/A		10 oz. 8 oz. 6 oz.
			Maximum Leaf Stage
CLASSIC	5 oz. /A	Black Nightshade	6 4 2
		Copperleafs	
		Hophornbeam	6 4 C**
		Virginia	4 2 C**
		Prickly Sida	4 2 C**
		Ragweed	
		Common	6 6 4
		Giant	4 2 C**
		Sicklepod	3 3 C**
		Smooth Pigweed	6 4 3
		Tall Waterhemp	6 4 C**
		Velvetleaf*	5 C**
		Yellow Nutsedge	6
		Refer to CLASSIC label for other weeds claimed	

*Add 1 gal. 28% N liquid fertilizer per acre or 2.5 lb. A Ammonium Sulfate (spray grade) plus 2 pts. non-ionic surfactant per 100 gals. water for best control.

**C is the cotyledon leaf stage.

MIXING INSTRUCTIONS

Add 1/2 of the required water to the spray tank and begin agitation. Add the required amount of CLASSIC and mix thoroughly. Then add the required amount of COBRA and continue mixing. Finally, add the required amount of non-ionic surfactant and 28% N liquid fertilizer and the remaining water.

Maintain agitation throughout the spray application. Failure to agitate the spray mixture may result in improper mixing of the herbicides and unsatisfactory weed control.

Use Restrictions for COBRA Herbicide plus CLASSIC Herbicide Tank Mix

1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
2. Do not apply the COBRA plus CLASSIC tank mix less than 90 days before harvesting soybeans.
3. Do not graze animals on green forage or stubble. Do not utilize hay or straw for animal feed or bedding.
4. Do not apply the COBRA plus CLASSIC tank mix if rain is expected within 8 hours of application or unsatisfactory weed control may result.
5. Refer to the CLASSIC label for restrictions on soil pH, minimum temperature, and application guidelines.

TANK MIX WITH 2,4-DB PRODUCTS FOR CONTROL OF BROADLEAF WEEDS IN SOYBEANS GENERAL INFORMATION

Use only the amine formulations of 2,4-DB registered for use on soybeans. For best results, the COBRA plus 2,4-DB tank mix should be applied to actively growing weeds. Do not apply COBRA and 2,4-DB product tank mixtures during periods when the soybeans and the weeds are under stress or when conditions do not favor active weed growth. Refer to the COBRA soybean label for application timing. The use of a 2,4-DB tank mix may cause crop injury.

Table 8S.

COBRA Herbicide & 2,4-DB Tank Mix - Soybeans - Rate and Time of Application Table

Product	Product Rate	Weeds Controlled/ Weed Size	Adjuvant
COBRA	12.5 fl oz. /A	Refer to Table 2S	1 pt. non-ionic surfactant per 100 gals. water.
			Surfactant must have at least 80% active ingredient.
			Do Not use crop oil concentrate or vegetable oil.
	plus	plus	
			Maximum leaf stage
2,4-DB	2 oz. /A	Morningglories Sicklepod	6 2

MIXING INSTRUCTIONS

Add 1/2 of the required water to the spray tank and begin agitation. Add the required amount of 2,4-DB and mix thoroughly. Then add the required amount of COBRA and continue mixing. Finally, add the required amount of non-ionic surfactant such as VALF N-77 Spreader and the remaining water.

Maintain agitation throughout the spray application. Failure to agitate the spray mixture may result in improper mixing of the herbicides and unsatisfactory weed control.

Use Restrictions for COBRA Herbicide plus 2,4-DB Tank Mix:

- 1 Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2 Do not apply the COBRA plus 2,4-DB tank mix by air.
- 3 Do not apply the COBRA plus 2,4-DB tank mix less than 90 days before harvesting soybeans.
- 4 Do not graze animals on green forage or stubble. Do not utilize hay or straw for animal feed or bedding.
- 5 Do not apply the COBRA plus 2,4-DB tank mix if rain is expected within 2 hours of application or unsatisfactory weed control may result.
- 6 Do not allow 2,4-DB to come into contact with cotton, okra, grapes, tomatoes, fruit trees, vegetables, flowers, or other desirable crop or ornamental plants. Do not permit spray mist to drift onto susceptible plants since very small quantities of 2,4-DB can cause severe injury during growing or dormant periods.

TANK MIX WITH PURSUIT® HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN SOYBEANS

For best results the COBRA plus PURSUIT tank mix should be applied to actively growing weeds.

Do not apply COBRA tank mixtures during periods when the soybeans and the weeds are under stress or when conditions do not favor active weed growth. Refer to the COBRA soybean label for application timing.

BEST AVAILABLE COPY

25

Table 9S.

COBRA Herbicide & PURSUIT Herbicide Tank Mix - Soybeans - Rate and Time of Application Table.

Product	Product Rate	Weeds Controlled/ Weed Size	Adjuvant
COBRA	6 to 12.5 fl oz /A	Refer to Table 2S for weeds controlled at 12.5 fl oz /A	2 pts non-ionic surfactant per 100 gals. water. Surfactant must have at least 80% active ingredient or 2 pts non-ionic surfactant per 100 gals. water plus 1-2 qts (28%N, 32%N or 10-34-0) liquid nitrogen A or 4 lb /A Ammonium Sulfate (spray grade) or 1-2 pt Crop Oil Concentrate or SUN IT III™ A 10 oz 8 oz 6 oz Maximum Leaf Stage
plus	COBRA RATE/A	PURSUIT	
PURSUIT	4 oz /A	Common Lambsquarter Copperleaf's Hopt. burnbeam Virginia Prickly Sida	4 4 2 6 4 C** 4 2 C** 4 2 C**

26

Table 9S. (continued)

COBRA Herbicide & PURSUIT Herbicide Tank Mix - Soybeans - Rate and Time of Application Table.

Product	Product Rate	Weeds Controlled/ Weed Size	Adjuvant
	COBRA RATE/A		10 oz. 8 oz. 6 oz. Maximum Leaf Stage
		Ragweed Common Giant	6 6 4 4 4 4

Refer to PURSUIT Label for weeds claimed

**C is the cotyledon leaf stage

Table 9IS.

COBRA Herbicide & PURSUIT Herbicide Tank Mix - Soybeans - Rate and Time of Application Table for use in Indiana, Kentucky, Ohio and Michigan.

Product	Product Rate	Weeds Controlled/ Weed Size	Adjuvant
COBRA	4 fl. oz /A	Common Ragweed 4 leaf	2 pts non-ionic surfactant per 100 gals. water. Surfactant must have at least 80% active ingredient or 1-2 qts (28%N, 32%N, 10-34-0) liquid nitrogen A or 4 lb /A Ammonium Sulfate (spray grade)

27

Table 9IS. (continued)

COBRA Herbicide & PURSUIT Herbicide Tank Mix - Soybeans - Rate and Time of Application Table for use in Indiana, Kentucky, Ohio and Michigan

Product	Product Rate	Weeds Controlled/ Weed Size	Adjuvant
			or 15 2pt Crop Oil Concentrate or SUN IT III™ A
plus	PURSUIT		
PURSUIT	4 oz /A	Refer to PURSUIT Label for weeds claimed	

MIXING INSTRUCTIONS

Maintain agitation throughout the spray application. Failure to agitate may result in volume and improper mixing of the herbicides and unsatisfactory weed control. Mixing and compatibility qualities should be verified by a jar test.

COBRA Herbicide Plus PURSUIT Herbicide Tank Mix: Add 1% of the required water to the spray tank and begin agitation. Add the required amount of PURSUIT and mix thoroughly. Then add the required amount of COBRA and continue mixing. Finally, add the required amount of 1-2 qts (28%N, 32%N) liquid fertilizer or Ammonium Sulfate (spray grade) or 4 lb /A Ammonium Sulfate (spray grade) and the remaining water.

Use Restrictions for COBRA Herbicide Plus PURSUIT Herbicide Tank Mix

1 Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.

28

- 2 Do not apply the COBRA plus PURSUIT tank mix less than 90 days before harvesting soybeans.
- 3 Do not graze treated fields or harvest for forage hay.
- 4 Do not apply the COBRA plus PURSUIT tank mix if rain is expected within 1 hour of application or unsatisfactory weed control may result.
- 5 Do not apply COBRA plus PURSUIT tank mix by air.
- 6 Refer to the crop rotational restrictions stated on the PURSUIT label.

TANK MIX WITH SCEPTER® HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN SOYBEANS

For best results the COBRA plus SCEPTER tank mix should be applied to actively growing weeds.

Do not apply COBRA and SCEPTER tank mix during periods when the soybeans and the weeds are under stress or when conditions do not favor active weed growth.

Refer to the COBRA soybean label for application timing.

Table 10S.

COBRA Herbicide & SCEPTER Herbicide Tank Mix - Soybeans - Rate and Time of Application Table

Product	Product Rate	Weeds Controlled/ Weed Size	Adjuvant
COBRA	12.5 fl oz /A	Refer to Table 2S	1 pt non-ionic surfactant per 100 gals. water Surfactant must have at least 80% active ingredient Do Not Use crop oil concentrate or vegetable oil

29

Table 10S. (continued)

COBRA Herbicide & SCEPTER Herbicide Tank Mix - Soybeans - Rate and Time of Application Table.

Product	Product Rate	Weeds Controlled/ Weed Size	Adjuvant
	plus	plus	Maximum Leaf Stage
SCEPTER	4 oz	Cocklebur Pigweed	12 12

MIXING INSTRUCTIONS

Add 1% of the required water to the spray tank and begin agitation. Add the required amount of SCEPTER and mix thoroughly. Then add the required amount of COBRA and continue mixing. Finally, add the required amount of non-ionic surfactant and the remaining water. Maintain agitation throughout the spray application. Failure to agitate the spray mixture may result in improper mixing of the herbicides and unsatisfactory weed control.

Use Restrictions for COBRA Herbicide plus SCEPTER Herbicide Tank Mix

- 1 Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2 Do not apply the COBRA plus SCEPTER tank mix by air.
- 3 Do not graze animals on green forage or stubble. Do not utilize hay or straw for animal feed or bedding.
- 4 Do not apply the COBRA plus SCEPTER tank mix if rain is expected within 2 hours of application or unsatisfactory weed control may result.
- 5 Refer to the SCEPTER label for regional use and rotational crop restrictions.

30

TANK MIX WITH ASSURE® HERBICIDE FOR CONTROL OF BROADLEAF AND GRASS WEEDS IN SOYBEANS **GENERAL INFORMATION**

For best results the COBRA plus ASSURE tank mix should be applied to actively growing weeds.

Do not apply COBRA tank mixtures during periods when the soybeans and the weeds are under stress or when conditions do not favor active weed growth. Refer to the COBRA soybean label for application timing.

TANK MIX GEOGRAPHIC USE AREA

Refer to the ASSURE Herbicide label for defined application areas and area rates. COBRA Herbicide does not have application area restrictions.

Table 11S.
COBRA Herbicide & ASSURE Tank Mix - Soybeans - Rate and Time of Application Table.

Product	Product Rate	Weeds Controlled/ Weed Size	Adjuvant
COBRA	12.5 fl. oz. /A	Refer to Table 2S	1 pt. Crop Oil Concentrate/A
plus	plus		

ANNUAL GRASSES

ASSURE*	Product Rate	Weeds Controlled/ Weed Size	Maximum Leaf Height (in.)
14 oz. /A		Johnsongrass, Seedling	8
		Shattercane	12
		Volunteer Corn	18
		Wild Proso Millet	6
14 oz. /A		Crowfootgrass	6
		Fall Panicum	6
		Field Sandbur	6

31

Table 11S. (continued)
COBRA Herbicide & ASSURE Tank Mix-Soybeans-Rate and Time of Application Table.

ANNUAL GRASSES

ASSURE*	Product Rate	Weeds Controlled/ Weed Size	Maximum Leaf Height (in.)
		Foxtails	
		Bristly	4
		Giant	8
		Green	4
		Goosegrass	6**
		Itchgrass	8
		Sprangletop	6
		Volunteer Cereals	
		Barley	6
		Oats	6
		Rye	6
		Wheat	6
		Wild Oats	6
14 oz. /A		Witchgrass	6
		Woolly Cupgrass	6
16 oz. /A		Jungle rice	6

PERENNIAL GRASSES

ASSURE*	Product Rate	Weeds Controlled/ Weed Size	Maximum Leaf Height (in.)
20 oz. /A		Johnsongrass, Rhizome First Application	24

If regrowth of Perennial grasses occurs, make a second application of ASSURE using 14 oz. product/A timed to grass weed sizes as follows:
Rhizome Johnsongrass (6" - 10")

BEST AVAILABLE COPY

* The COBRA Herbicide and ASSURE Tank Mix may show some reduction in grass control over applications of ASSURE alone. The label rate of ASSURE should be increased by 4 oz. product/A when grasses are at maximum size.
**LENGTH OF LATERAL GROWTH

SEQUENTIAL APPLICATION WITH COBRA HERBICIDE AND ASSURE

Sequential Applications with COBRA Herbicide
Some reduction in grass control is possible when ASSURE is sequentially applied immediately prior to or after an application of COBRA Herbicide.

- After an application of ASSURE wait a minimum of 24 hours before applying COBRA Herbicide.
- In fields treated with COBRA Herbicide, do not apply ASSURE until grass plants are again developing new leaves (generally 7 days after the COBRA Herbicide application).
- Refer to the ASSURE label for application areas and rates.

MIXING DIRECTIONS

Maintain agitation throughout the spray application. Failure to agitate the spray volume may result in improper mixing of the herbicides and unsatisfactory weed control. Mixing and compatibility qualities should be verified by a jar test.

COBRA Plus ASSURE Tank Mix: Add 1/2 of the required water to the spray tank and begin agitation. Add the required amount of ASSURE and mix thoroughly. Then add the required amount of COBRA and continue mixing. Finally, add the required amount of crop oil concentrate and the remaining water.

Use Restrictions for COBRA Plus ASSURE Tank Mix:

- Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- Do not apply the COBRA plus ASSURE tank mix less than 90 days before harvesting soybeans.
- Do not graze treated fields or harvest for forage hay.

33

- Do not apply the COBRA plus ASSURE tank mix if rain is expected within 1 hour of application or unsatisfactory weed control may result.
- Do not use vegetable (crop origin) oils as spray adjuvant or carrier.
- Do not apply ASSURE to plants stressed due to insufficient moisture. Grass weeds under this condition frequently become less sensitive to herbicide activity.
- Do not cultivate within 7 days before or 7 days after an application of ASSURE as control may be unsatisfactory.
- Do not apply ASSURE when environmental conditions are such that drift to other crops and non-target areas is possible. Grass crops such as corn, sorghum, wheat, rice, etc. are highly sensitive to ASSURE.
- Do not apply more than 40 oz. of ASSURE per acre per season.
- Do not apply after pod set.
- Do not rotate to crops other than soybeans within 120 days after application.
- Users in Texas must confer with personnel of regional U.S. Fish and Wildlife Service offices to insure that federally protected plants are not exposed to this product.

TANK MIX WITH FUSILADE® 2000 HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN SOYBEANS **GENERAL INFORMATION**

For best results the COBRA plus FUSILADE 2000 tank mix should be applied to actively growing weeds.

Do not apply COBRA tank mixtures during periods when the soybeans and the weeds are under stress or when conditions do not favor active weed growth. Refer to the COBRA soybean label for application timing.

TANK MIX GEOGRAPHIC USE AREA

Refer to the FUSILADE 2000 Herbicide label for defined application areas and area rates. COBRA Herbicide does not have application area restrictions.

34

Table 12S.
COBRA Herbicide & FUSILADE 2000 Herbicide Tank Mix - Soybeans - Rate and Time of Application Table.

Product	Product Rate	Weeds Controlled/ Weed Size	Adjuvant
COBRA	12.5 fl. oz. /A	Refer to Table 2S	1 pt. Crop Oil Concentrate /A
plus	plus		

ANNUAL GRASSES

FUSILADE	Product Rate	Weeds Controlled/ Weed Size	Maximum Leaf Height (in.)
24 oz. /A		Barnyardgrass	3
		Broadleaf Signalgrass	4
		Crabgrass	
		Large	2
		Smooth	2
		Southern	2
		Tropical	2
		Downy Brome	6
		Fall Panicum	6
		Field Sandbur	4
		Foxtails	
		Giant	6
		Green	4
		Yellow	4
		Goosegrass	4
		Italian Ryegrass	4
		Itchgrass	24
		Johnsongrass	
		Seedling	8
		Jungle rice	3
		Shattercane	12
		Sorghum Almum	12

35

Table 12S. (continued)
COBRA Herbicide & FUSILADE 2000 Herbicide Tank Mix - Soybeans - Rate and Time of Application Table.

ANNUAL GRASSES

FUSILADE	Product Rate	Weeds Controlled/ Weed Size	Maximum Leaf Height (in.)
24 oz. /A		Southern Sandbur	6
		Texas Panicum	8
		Volunteer Cereals	
		Barley	6
		Corn	24
		Milo	12
		Oats	6
		Rye	6
		Wheat	6
		Wild Proso Millet	8
		Witchgrass	4
		Wild Oats	6
		Woolly Cupgrass	4
32 oz. /A		Red Rice	1

PERENNIAL GRASSES

FUSILADE	Product Rate	Weeds Controlled/ Weed Size	Maximum Leaf Height (in.)
24 oz. /A		Bermudagrass First Application	8
		Quackgrass First Application	10
		Johnsongrass, Rhizome First Application	18
		Wirestem Muhly First Application	12

36

If regrowth of Perennial grasses occurs, make a second application of FUSILADE 2000 using 16 oz. product/A timed to grass weed sizes as follows: Rhizome Johnsongrass (6"-12") Bermudagrass (4"-8"), Quackgrass (up to 10").

If regrowth of Perennial grasses occurs, make a second application of FUSILADE 2000 using 24 oz. product/A timed to grass weed size as follows: Wirestem Muhly (14"-12").

SEQUENTIAL APPLICATION WITH COBRA HERBICIDE AND FUSILADE 2000

Sequential Applications with COBRA Herbicide

Some reduction in grass control is possible when FUSILADE 2000 is sequentially applied immediately prior to or after an application of COBRA Herbicide.

- After an application of FUSILADE 2000 wait a minimum of 24 hours before applying COBRA Herbicide.
- In fields treated with COBRA Herbicide, do not apply FUSILADE 2000 until grass plants are again developing new leaves (generally 7 days after the COBRA Herbicide application).

Refer to the FUSILADE label for application areas and rates.

MIXING INSTRUCTIONS

Maintain agitation throughout the spray application. Failure to agitate the spray volume may result in improper mixing of the herbicides and unsatisfactory weed control. Mixing and compatibility qualities should be verified by a jar test.

COBRA Herbicide Plus FUSILADE 2000 Herbicide Tank Mix: Add 1/2 of the required water to the spray tank and begin agitation. Add the required amount of FUSILADE 2000 and mix thoroughly. Then add the required amount of COBRA and continue mixing. Finally, add the required amount of crop oil concentrate or the 28% N liquid fertilizer and the remaining water.

Use Restrictions for COBRA Herbicide Plus FUSILADE 2000 Herbicide Tank Mix

1. Always read and follow all label directions when using any pesticide.

37

1. alone or in tank mix combinations. The most restrictive label applies when using a tank mix.
2. Do not apply the COBRA plus FUSILADE 2000 tank mix less than 90 days before harvesting soybeans.
3. Do not graze treated fields or harvest for forage hay.
4. Do not apply the COBRA plus FUSILADE 2000 tank mix if rain is expected within 1 hour of application or unsatisfactory weed control may result.
5. Do not apply a total of more than 64 oz. of FUSILADE 2000 Herbicide per acre per season to soybeans.
6. Make the last FUSILADE 2000 application to soybeans before bloom.
7. Do not plant rotational grass crops such as corn, sorghum, and cereals within 60 days of last application of FUSILADE 2000.
8. Avoid drift to all other crops and nontarget areas. Grass crops are highly susceptible to FUSILADE 2000 Herbicide.

TANK MIX WITH OPTION® HERBICIDE FOR CONTROL OF BROADLEAF AND GRASS WEEDS IN SOYBEANS

For best results the COBRA plus OPTION tank mix should be applied to actively growing weeds.

Do not apply COBRA tank mixtures during periods when the soybeans and the weeds are under stress or when conditions do not favor active weeds growth. Refer to the COBRA soybean label for application timing.

TANK MIX GEOGRAPHIC USE AREA

Refer to the OPTION Herbicide label for defined application areas and area rates. COBRA Herbicide does not have application area restrictions.

38

BEST AVAILABLE COPY

Table 13S. COBRA Herbicide & OPTION Herbicide Tank Mix - Soybeans - Rate and Time of Application Table.

Product	Product Rate	Weeds Controlled/Weed Size	Adjuvant
COBRA	12.5 fl. oz./A	Refer to Table 2S	1 pt. Crop Oil Concentrate/A
plus plus			

ANNUAL GRASSES

		Maximum Leaf Height (in.)
OPTION	13 oz./A	
	Foxtail	
	Giant	6
	Green	6
	Johnsongrass	
	Seedling	10
	Shattercane	12
	Volunteer Corn	16
	Wild Proso Millet	10
	19 oz./A	
	Barnyardgrass	6
	Broadleaf	
	Signalgrass	6
	Crabgrass	
	Large	2
	Smooth	2
	Fall Panicum	6
	Foxtail	
	Bristly	6
	Robust Purple	6
	Yellow	6
	Itchgrass	6

39

Table 13S (continued) COBRA Herbicide & OPTION Herbicide Tank Mix - Soybeans - Rate and Time of Application Table.

ANNUAL GRASSES

		Maximum Leaf Height (in.)
OPTION	13 oz./A	
	Junglegrass	6
	Southwestern	
	Cupgrass	6
	Sprangletop	20
	Texas Panicum	20
	Wild Oats	20
	Wirestem Muhly	6
	Witchgrass	20
	Woolly Cupgrass	20

PERENNIAL GRASSES

		Maximum Leaf Height (in.)
OPTION	13 oz./A	
	Johnsongrass Rhizome	20

If regrowth of Perennial grasses occurs, make a second application of OPTION using 13 oz. product/A timed to grass weed size as follows: Rhizome Johnsongrass (28").

SEQUENTIAL APPLICATION WITH COBRA HERBICIDE AND OPTION HERBICIDE

Sequential Applications with COBRA Herbicide

Some reduction in grass control is possible when OPTION is sequentially applied immediately prior to or after an application of COBRA Herbicide.

- After an application of OPTION, wait a minimum of 24 hours before applying COBRA Herbicide.
- In fields treated with COBRA Herbicide, do not apply OPTION until grass plants are again developing new leaves (generally 7 days after

40

the COBRA Herbicide application. Refer to the OPTION label for application areas and rates.

MIXING INSTRUCTIONS

Maintain agitation throughout the spray application. Failure to agitate the spray volume may result in improper mixing of the herbicides and unsatisfactory weed control. Mixing and compatibility qualities should be verified by a jar test.

COBRA Plus OPTION Tank Mix: Add 1/2 of the required water to the spray tank and begin agitation. Add the required amount of OPTION and mix thoroughly. Then add the required amount of COBRA and continue mixing. Finally, add the required amount of crop oil concentrate or the 28% N liquid fertilizer and the remaining water.

Use Restrictions for COBRA Plus OPTION Tank Mix

1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
2. Do not apply the COBRA plus OPTION tank mix less than 90 days before harvesting soybeans.
3. Do not graze treated fields or harvest for forage hay.
4. Do not apply the COBRA plus OPTION tank mix if rain is expected within 4 hours of application or unsatisfactory weed control may result.
5. Annual Ryegrass, Quackgrass and Bermudagrass are not controlled by OPTION.
6. DO NOT plant any rotational crop in an OPTION treated field for 30 days after application (120 days for small grains).

COMMAND 4 EC HERBICIDE FOLLOWED BY Reduced Rates of COBRA™ HERBICIDE

GENERAL INFORMATION

COMMAND 4 EC may be utilized as a preemergent soil applied (see geographical restrictions) or soil incorporated treatment for control of annual grass and broadleaf weeds in soybeans. Following an application of COMMAND 4 EC, a postemergence application with COBRA may be applied for control of additional broadleaf weed species at a lower rate than possible following other preemergent herbicides.

Do not apply COBRA during periods when soybeans and the weeds are

41

under stress or when conditions do not favor active weed growth. COBRA should be applied to small, actively growing weeds normally 14 to 21 days after planting. A timely cultivation approximately one week to ten days after the application of COBRA will assist in weed control.

A temporary crop response should be expected following a post emergence application of COBRA. Soybeans quickly outgrow all initial herbicide effects, and all new growth following initial crop response will be normal.

IMPORTANT

Read and carefully observe all the precautionary statements, instructions, rotational restrictions and all other information appearing on each product's package label.

COMMAND 4 EC GEOGRAPHICAL RESTRICTIONS - NORTHERN USE AREA

COMMAND 4 EC must be soil incorporated in the following Northern Use Area states:

Delaware	Kansas	Minnesota	Pennsylvania
Illinois	Kentucky	Missouri*	Virginia
Indiana	Maryland	New Jersey	West Virginia
Iowa	Michigan	Ohio	Wisconsin

* Exclude Bootheel Counties: Butler, Dunklin, Mississippi, New Madrid, Pemiscot, Scott and Stoddard.

COMMAND 4 EC may be applied as a preemergence soil applied treatment without incorporation in the following Northern Use Area states: Nebraska, North Dakota, South Dakota.

COMMAND 4 EC APPLICATION PRECAUTIONS FOR PREEMERGENCE USE

Except as restricted above, COMMAND 4 EC may be used as a preemergence soil applied treatment without incorporation, however additional precautions, beyond those required for a soil incorporated treatment, must be taken as follows:

Do not apply COMMAND 4 EC within 1500 ft. of the following areas: Towns and Subdivisions, Commercial Fruit or Vegetable Production and Commercial Greenhouses or Nurseries. Prior to application, adjacent proper

42

ties must be checked and spraying within 1,500 ft. of desirable plants avoided

*Except Sweet Corn

Table 14S.

NORTHERN USE AREA

COMMAND 4 EC Herbicide and COBRA Herbicide Sequential - Soybeans - Rate and Time of Application Table.

Product	Product Rate	Weeds Controlled/ Weed Size	Adjuvant
COMMAND 4	15 pts/A	GRASSES Barnyardgrass Common Panicum Crabgrass Large Smooth Fall Panicum Field Sandbur Foxtail Giant Green Robust Purple Yellow Goosegrass Johnsongrass Seeding Texas Panicum	
		BROADLEAVES Common Lambsquarter Galinsoga Jimsonweed** Pennsylvania Smartweed** Prickly Sida Purslane Ragweed Common	

43

Table 14S (continued)

NORTHERN USE AREA

COMMAND 4 EC Herbicide and COBRA Herbicide Sequential - Soybeans - Rate and Time of Application Table.

Product	Product Rate	Weeds Controlled/ Weed Size	Adjuvant
COMMAND 4	15 pts/A	BROADLEAVES Spurred Anoda Velvetleaf Venice Mallow	
		post emerge	Maximum leaf stage Refer to Table 1S
COBRA	10 fl oz/A	Burcucumber Common Cocklebur Hemp Sesbania Jimsonweed Morningglory** Ivy leaf Pitted Tall Mustard spp Nightshade spp Pigweed (all Ama ranthus species including Tall Waterhemp)	4 4 4 4 2 2 2 6 4
		post emerge	Maximum leaf stage Refer to Table 2S
COBRA	12.5 fl oz/A	Ragweed Common Giant Sunflower	4 6 2

44

* When using COMMAND 4 EC as a surface treatment more than 30 days prior to planting, the highest label rate (2 pts) should be used
**Partially controlled.

ROTATIONAL GUIDELINES - NORTHERN USE AREA

Rotate to crops as listed below (following 15 pt. per acre rate of COMMAND 4 EC) otherwise crop injury may occur. Refer to COMMAND 4 EC label for rotational guidelines at higher rates

ANYTIME Soybeans, Pumpkins

9 MONTHS Corn (Field, Pop, Seed, Sweet), Cotton, Cucurbits, Dry Beans, Peanuts, Peas, Peppers, Potatoes, Rice, Snap Beans, Sorghum, Sugar Beets, Sweet Potatoes, Tobacco, Tomatoes (Transplanted)

12 MONTHS All 9 Month crops plus Cabbage, Tomatoes (fall) Wheat

16 MONTHS All crops

Cover crops, however, may be planted anytime, but stand reduction may occur in some areas. Do not graze or harvest for food or feed cover crops planted less than 9 months after COMMAND 4 EC treatment

Use Restrictions for COMMAND 4 EC followed by COBRA Herbicide

1. Always read and follow all label directions when using any pesticide alone or sequentially. The most restrictive labeling applies when using a tank mix.
2. Do not apply the COBRA less than 90 days before harvesting soybeans.
3. Do not graze treated fields or harvest for forage hay.
4. Do not apply the COBRA if rain is expected within 30 minutes of application or unsatisfactory weed control may result.

COMMAND 4 EC GEOGRAPHIC RESTRICTIONS

- SOUTHERN USE AREA

COMMAND 4 EC may be applied as a preemergence soil applied treatment without incorporation in the following Southern Use Area states:

Alabama	Louisiana	Oklahoma
Arkansas	Mississippi	South Carolina
Florida	Missouri*	Tennessee
Georgia	North Carolina	Texas

*Boothe County, Butler, Dunklin, Mississippi, New Madrid, Pemis
or Scott and Stoddard

BEST AVAILABLE COPY

**COMMAND 4 EC APPLICATION PRECAUTIONS
FOR PREEMERGENCE USE**

In the Southern Use Area (see above) COMMAND 4 EC may be used as a soil applied treatment without incorporation, however, additional precautions, beyond those required for a soil incorporated treatment, must be taken as follows:

Do not apply COMMAND 4 EC within 1,500 ft. of the following areas: Towns and Subdivisions, Commercial Fruit or Vegetable Production, and Commercial Greenhouses or Nurseries. Prior to application, adjacent properties must be checked and spraying within 1,500 ft. of desirable plants avoided.

*Except Sweet Corn

Table 15S.

SOUTHERN USE AREA

COMMAND 4 EC and COBRA Herbicide Sequential - Soybeans - Rate and Time of Application Table.

Product	Product Rate	Weeds Controlled/ Weed Size	Adjuvant
COMMAND 4	20 pts/A	GRASSES Barnyardgrass Bermudagrass* Broadleaf Signalgrass Common Panicum Crabgrass Large Smooth Fall Panicum Field Sandbur Foxtail Giant Green Goosegrass Itchgrass** Johnsongrass Seeding	

46

Table 15S (continued)

SOUTHERN USE AREA

COMMAND 4 EC and COBRA Herbicide Sequential - Soybeans - Rate and Time of Application Table.

Product	Product Rate	Weeds Controlled/ Weed Size	Adjuvant
COMMAND 4	20 pts/A	GRASSES Red Rice* Southwestern Cupgrass Texas Panicum Woolly Cupgrass BROADLEAVES Common Lambsquarter Croton Tropic Dayflower Florida Pusley Jimsonweed Kochia** Pennsylvania Smartweed** Prickly Sida Purslane Ragweed Common Redvine** Redweed Spurred Anoda Velvetleaf Venice Mallow Wild Poinsettia**	
		post emerge	

47

Table 15S (continued)

SOUTHERN USE AREA

COMMAND 4 EC and COBRA Herbicide Sequential - Soybeans - Rate and Time of Application Table.

Product	Product Rate	Weeds Controlled/ Weed Size	Adjuvant
COBRA	10 fl oz/A	Balloonvine Burcucumber Common Cocklebur Hemp Sesbania Morningglory Ivy leaf* Pitted* Tall* Mustard spp Nightshade spp Pennsylvania Smartweed** Pigweed spp (all) Ragweed Giant Sunflower Wild Poinsettia	4 4 4 4 2 2 2 6 4 4 2 6 6 2 2
		post emerge	Maximum leaf stage Refer to Table 1S
COBRA	12.5 fl oz/A	Refer to Table 2S	

* When using COMMAND 4 EC as a surface treatment more than 30 days prior to planting, the highest label rate (2.5 pts) should be used
**Partially controlled

ROTATIONAL GUIDELINES - SOUTHERN USE AREA

Rotate to crops as listed below (following 2 pts. per acre rate of COMMAND 4 EC) otherwise crop injury may occur. Refer to COMMAND 4 EC label for rotational guidelines at higher rates

ANYTIME Soybeans, Pumpkins

48

9 MONTHS Corn (Field, Pop, Feed, Sweet), Cotton, Cucurbits, Dry Beans, Peanuts, Peas, Peppers, Potatoes, Rice, Snap Beans, Sorghum, Sugar Beets, Sweet Potatoes, Tobacco, Tomatoes (Transplanted)

12 MONTHS All crops

Cover crops may be planted anytime but stand reductions may occur in some areas. Do not graze or harvest for food or feed cover crops planted less than 9 months after COMMAND 4 EC treatment.

Use Restrictions for COMMAND 4 EC followed by COBRA Herbicide:

- 1 Always read and follow all label directions when using any pesticide alone or sequentially. The most restrictive labeling applies when using a tank mix.
- 2 Do not apply the COBRA less than 90 days before harvesting soybeans.
- 3 Do not graze treated fields or harvest for forage hay.
- 4 Do not apply the COBRA if rain is expected within 30 minutes of application or unsatisfactory weed control may result.

PURSUIT PLUS 3 AS Herbicide Followed by Reduced Rates of COBRA Herbicide GENERAL INFORMATION

PURSUIT PLUS 3 AS may be utilized as a preemergent soil applied or preplant incorporated treatment for control of annual grass and broadleaf weeds in soybeans. Following an application of PURSUIT PLUS 3 AS a postemergence application with COBRA may be applied for control of additional broadleaf weed species at lower rates than possible following other preemergent herbicides.

Do not apply COBRA during periods when soybeans and the weeds are under stress or when conditions do not favor active weed growth. COBRA should be applied to small, actively growing weeds (normally 14 to 21 days after planting). A timely cultivation approximately one week to ten days after the application of COBRA will assist in weed control.

IMPORTANT

Read and carefully observe all the precautionary statements, instructions, rotational restrictions and other information appearing on each product's package label.

49

Table 15S.
PURSUIT PLUS 3 AS Herbicide and COBRA Herbicide Sequential—Soybeans—Rate and Time of Application Table.

Product	Product Rate	Weeds Controlled/ Weed Size	Adjuvant
PURSUIT PLUS	2.5 pts /A	Refer to PURSUIT PLUS label for weeds claimed	
	post	emerg	
COBRA	6 to 12.5 fl oz /A	Refer to Table 2S for weeds controlled at 12.5 fl oz /A	Refer to Table 1S
		COBRA RATE/A	10 oz. 8 oz. 6 oz.
			Maximum Leaf Stage
		Common Cocklebur	6 4 2
		Common Ragweed	4 3 2

Use Restrictions for PURSUIT PLUS followed by COBRA Herbicide:

- 1 Always read and follow all label directions when using any pesticide alone or sequentially. The most restrictive labeling applies when using a tank mix.
- 2 Do not apply the COBRA less than 90 days before harvesting soybeans.
- 3 Do not graze treated fields or harvest for forage hay.
- 4 Do not apply the COBRA if rain is expected within 30 minutes of application or unsatisfactory weed control may result.

50

BEST AVAILABLE COPY

PASSPORT 2.6 AS Herbicide Followed by Reduced Rates of COBRA Herbicide
GENERAL INFORMATION

PASSPORT 2.6 AS must be a preplant incorporated treatment for control of annual grass and broadleaf weeds in soybeans. Following an application of PASSPORT 2.6 AS, a postemergence application with COBRA may be applied for control of additional broadleaf weed species at lower rates than possible following other preemergent herbicides. Do not apply COBRA during periods when soybeans and the weeds are under stress or when conditions do not favor active weed growth. COBRA should be applied to small, actively growing weeds (normally 14 to 21 days after planting). A timely cultivation approximately one week to ten days after the application of COBRA will assist in weed control.

IMPORTANT

Read and carefully observe all the precautionary statements, instructions, rotational restrictions and all other information appearing on each product's package label.

Table 17S.
PASSPORT 2.6 AS Herbicide and COBRA Herbicide Sequential—Soybeans—Rate and Time of Application Table.

Product	Product Rate	Weeds Controlled/ Weed Size	Adjuvant
PASSPORT 2.5 pts /A		Refer to PASSPORT label for weeds controlled	
	post	emerg	
COBRA	6 to 12.5 fl oz /A	Refer to Table 2S for weeds controlled at 12.5 fl oz /A	Refer to Table 1S

51

Table 17S (continued)

Product	Product Rate	Weeds Controlled/ Weed Size	Adjuvant
		COBRA RATE/A	10 oz. 8 oz. 6 oz.
			Maximum Leaf Stage
		Common Cocklebur	6 4 2
		Common Ragweed	4 3 2

Use Restrictions for PASSPORT Herbicide followed by COBRA Herbicide:

- 1 Always read and follow all label directions when using any pesticide alone or sequentially. The most restrictive labeling applies when using a tank mix.
- 2 Do not apply the COBRA less than 90 days before harvesting soybeans.
- 3 Do not graze treated fields or harvest for forage hay.
- 4 Do not apply the COBRA if rain is expected within 30 minutes of application or unsatisfactory weed control may result.

COBRA HERBICIDE FOR POST DIRECTED APPLICATION IN COTTON

GENERAL INFORMATION

COBRA Herbicide is a broad-spectrum contact herbicide for post-emergence control of broadleaf weeds in cotton. Apply COBRA as a post-emergence directed spray application following a preplant incorporated or preemergence herbicide(s) for early season control of grasses and broadleaf weeds.

Use COBRA Herbicide as a post-emergence directed application when the cotton plant has reached a minimum height of 6 inches and a height difference of 3 to 5 inches has been established between the lower

52

leaves of the cotton plant and the top of the broadleaf weeds. COBRA Herbicide may also be applied as a layby application after cotton has reached a height of 12 inches or more. Layby applications of COBRA Herbicide will control broadleaf weeds that do not exceed leaf stage recommendations listed in Table 6C of this label. For enhanced control of large mid to late season problem broadleaf weeds, a tank mix of COBRA Herbicide with BLADEX, KARMEK, or MSMA is required. Refer to the label section on TANK MIXES for specific recommendations. Use of a petroleum base crop oil concentrate or a non-ionic surfactant is required. Refer to the label section on ADJUVANTS for specific recommendation.

Under conditions of normal weed growth, COBRA may be applied up to 30 minutes before rainfall without reducing weed control.

PRECAUTIONS

COBRA Herbicide should not be applied later than 70 days before harvest. Do not graze animals on green forage or stubble. Do not utilize hay or straw for animal feed or bedding.

COTTON TOLERANCE

Cotton plants are NOT TOLERANT to COBRA Herbicide. Apply COBRA Herbicide only as a directed spray application. DO NOT make over the top applications of COBRA Herbicide in cotton. Over the top applications can result in severe crop injury or death to the cotton plant. The spray mixture must be accurately directed toward the base of the cotton plant to minimize contact with the cotton leaves and to ensure proper coverage of the weed leaf surface. Cotton leaves which come into contact with COBRA Herbicide will appear burned or light brown to bronze in color. Lower leaves may appear spotted where minor contact has occurred. Leaves that are not contacted by the spray mixture will not be injured. It is essential to establish a 3 to 5 inch height difference between the bottom leaves of the cotton plant and the top of the emerged broadleaf weeds before applying this product.

COBRA is a contact herbicide and does not move throughout the cotton plant. COBRA Herbicide will not vaporize off the soil surface. When properly applied, COBRA Herbicide will not affect cotton growth and de-

53

velopment of the cotton crop and all growth following application will be normal.

Very C2
6 to 8 COTTON
Postemergence
Directed

12" or more
COTTON:
Layby

TIMING

For best results, COBRA Herbicide should be applied to small, actively growing weeds. A properly timed directed spray application will provide control of labeled weeds not larger than indicated in Table 6C. When weed heights are larger than those listed in Table 6C, a tank mix of COBRA plus BLADEX, KARMEK, or MSMA is required. Use of tank mix combinations will provide better control of larger late-season troublesome weeds in cotton. See Table 7C for weed size recommendations for COBRA tank mix combinations. Refer to the label section on TANK MIXES for specific use directions.

Apply COBRA under conditions that promote active weed growth. DO NOT apply COBRA Herbicide when weeds are under stress. Weeds under stress tend to "harden off" and become less susceptible to herbicide activity. DO NOT apply COBRA Herbicide under conditions of drought or when rainfall has been less than 1 inch in a consecutive 2 week period when excessive water has saturated the field for 3 or more consecutive days or when high temperatures are in combination with low soil moisture or in combination with low humidity. Applying COBRA Herbicide under these conditions may result in unsatisfactory weed control. Conditions such as those described above which precede or immediately follow a COBRA application may adversely affect the performance of the herbicide.

DIRECTED BAND APPLICATION

Directed row banding is required for use of COBRA Herbicide in cotton. Two nozzles per row, one on each side, are required for post-emergence directed application. Tractor ground speed should not exceed 5 mph. The spray equipment used should accurately direct the spray pattern to the base of the cotton plant to minimize contact with the cotton plant and

54

provide good coverage of the target weeds. Spray nozzles should be positioned a minimum of 3 inches above the soil surface and angled backward so that the spray solution discharges to the rear and under the row canopy. The use of leaf lifters or shields on application equipment is recommended to help reduce spray contact with the cotton plant. Row banding equipment should be adjusted to provide maximum coverage of weeds in the banding area.

SPRAYER CALIBRATION

FIELD CALIBRATE YOUR SPRAYER: Improper calibration will adversely affect the spray pattern and reduce weed control. Delivery rates shown in equipment catalogs may not accurately reflect your actual delivery rate. When calibrating, spray pressure should be measured at the spray nozzle to assure accurate delivery rates. Refer to manufacturer's chart for recommended spray volume, spray pressure, and ground speed for the nozzles and the directed spray system you are using.

HERBICIDE RATES, ADJUVANT RATES AND SPRAY VOLUME RECOMMENDATIONS are presented as **BROADCAST EQUIVALENTS** and must be reduced in proportion to the area actually treated. Use the following formulas to calculate the correct rate and volume per planted field acre.

Band Width (inches) x Broadcast Rate/Acre = Amount of Herbicide Needed per Field Acre

Band Width (inches) x Broadcast Volume/Acre = Amount of Water Needed per Field Acre

CULTIVATION

When postemergence directing COBRA Herbicide at the same time as cultivation, the spray nozzles must be positioned in front of the cultivation equipment. Applying COBRA Herbicide at the time of cultivation under dry soil conditions will cause excessive dust which will prevent proper contact between COBRA Herbicide and the weed surface. This reduced contact will decrease weed control activity. In addition, applying COBRA Herbicide while cultivating at ground speeds greater than 5 mph will pre-

55

vent good coverage of the weed surface by the spray solution and reduce weed control activity.

APPLICATION RATES

COBRA APPLIED ALONE — Apply COBRA Herbicide at a rate of 12.5 fl. oz. per acre on a broadcast basis. The sprayer must be equipped with flat fan or off-center fan nozzles designed to deliver 10 to 30 gals. of water per acre when operated at a spray pressure of 20 to 30 PSI measured at the nozzle. Pressures greater than 30 PSI may cause the spray mist to move upward into the cotton canopy resulting in severe crop injury.

Table 1C.

APPLICATION RATES

Cotton 6" to 12" Tall — Directed Postemergence
OR Cotton 12" or more — Layby
COBRA HERBICIDE

Application Timing	Broadcast Rate/Acre	Comments
Post directed Cotton 6" to 12" OR Layby Cotton 12" or taller	12.5 fl. oz.	Reduce broadcast rate in proportion to band area actually treated (See SPRAYER CALIBRATION).

ADJUVANTS

The use of recommended adjuvants has consistently enhanced weed control over a wide range of application conditions. For Post-directed application of COBRA to cotton 6" to 12" tall, use either a non-ionic surfactant at 2 pts. per 100 gals. spray solution, OR crop oil concentrate at 5 to 1 pt. per acre (broadcast basis). For Layby application of COBRA to cotton 12" tall (or more), use a crop oil concentrate at 1 to 2 pts. per acre (broadcast basis).

56

Table 2C.

ADJUVANT RECOMMENDATIONS

Application Timing	Adjuvant	Broadcast Rate/Acre	Comments
Post-Directed Cotton 6" to 12" OR Layby Cotton 12" or taller	Crop Oil Concentrate	5 to 1 pt. (8 to 16 fl. oz.)	Reduce broadcast rate in proportion to band area actually treated (See SPRAYER CALIBRATION).
OR	Non-ionic Surfactant	2 pts. per 100 gals. spray solution	
Layby Cotton 12" or taller	Crop Oil Concentrate	1 to 2 pts. (16 to 32 fl. oz.)	Reduce broadcast rate in proportion to band area actually treated (See SPRAYER CALIBRATION).

TANK MIXES

COBRA plus BLADEX® — Apply a tank mix combination of COBRA Herbicide plus BLADEX 90DF, 80W or 4L at layby after cotton has attained a minimum height of 12 inches and before weeds are larger than listed in Table 7C. Apply COBRA Herbicide at a rate of 12.5 fl. oz. per acre plus BLADEX at a rate of 0.66 to 1.11 lbs. of 90DF, 0.75 to 1.25 lbs. of 80W or 0.7 to 1.0 qt. of 4L per acre on a broadcast basis. The sprayer must be equipped with flat fan or off-center fan nozzles designed to deliver 10 to 30 gals. of water per acre when operated at a spray pressure of 20 to 30 PSI measured at the nozzle. Pressures greater than 30 PSI may cause the spray mist to move upward into the cotton canopy resulting in crop injury. Use of a crop oil concentrate spray additive is required at the rate of 1 to 2

57

Table 3C.

COBRA + BLADEX (90DF, 80W or 4L) TANK MIX APPLICATION RATES

Application Timing	Product/Formulation	Broadcast Rate/Acre	Comments
Layby Cotton 12" or taller	COBRA + BLADEX 90DF	2E 12.5 fl. oz. 56 to 111 lbs. (10.5 to 17.5 oz.)	Reduce broadcast rate in proportion to the band area actually treated (See SPRAYER CALIBRATION).
OR	80W	25 to 25 lbs. (12 to 20 oz.)	
OR	4L	7 to 1 qt. (12 to 32 fl. oz.)	

COBRA plus KARMEX® — Apply a tank mix combination of COBRA Herbicide plus KARMEX 80W at layby after cotton has attained a minimum height of 12 inches but before weeds are larger than listed in Table 7C. Apply COBRA Herbicide at a rate of 12.5 fl. oz. per acre plus KARMEX at a rate of 8.0 to 12.0 oz. per acre on a broadcast basis. The sprayer must be equipped with flat fan or off-center fan nozzles designed to deliver 10 to 30 gals. of water per acre when operated at a spray pressure of 20 to 30 PSI measured at the nozzle. Pressures greater than 30 PSI may cause the spray mist to move upward into the cotton canopy resulting in crop injury. Use of a crop oil concentrate spray additive is required at the rate of 1 to 2 pts. per acre.

58

Table 4C.

COBRA + KARMEX 80W TANK MIX APPLICATION RATES

Application Timing	Product/Formulation	Broadcast Rate/Acre	Comments
Layby Cotton 12" or taller	COBRA + KARMEX 80W	2E 12.5 fl. oz. 5 to 75 lbs. (8 to 12 oz.)	Reduce broadcast rate in proportion to the band area actually treated (See SPRAYER CALIBRATION).

COBRA plus MSMA — (6 to 8 INCH COTTON)

Apply a tank mix combination of COBRA Herbicide plus MSMA after cotton has attained a minimum height of 6 inches but before cotton reaches the bloom stage. Apply to weeds no larger than listed in Table 6C. Apply COBRA Herbicide at a rate of 12.5 fl. oz. per acre plus MSMA at a rate of 4 pts. per acre of a 4 lbs. gal. or 2.4 pts. per acre of a 6.6 lbs. gal. MSMA on a broadcast basis. The sprayer must be equipped with flat fan or off-center fan nozzles designed to deliver 10 to 30 gals. of water per acre when operated at 20 to 30 PSI measured at the nozzle. Pressures greater than 30 PSI may cause the spray mist to move upward into the cotton canopy resulting in crop injury. While some formulations of MSMA contain added surfactant and provide enough wetting action to enhance COBRA activity, the use of either a non-ionic surfactant at 2 pts. per 100 gals. of spray solution, OR, a crop oil concentrate at 5 to 1 pt. per acre (broadcast basis) may further enhance control of larger weeds.

COBRA plus MSMA — (LAYBY 12 INCHES OR MORE COTTON)

Apply a tank mix combination of COBRA Herbicide plus MSMA after cotton has attained a minimum height of 12 inches but before cotton reaches the bloom stage. Apply to weeds no larger than listed in Table 6C. Apply COBRA Herbicide at a rate of 12.5 fl. oz. per acre plus MSMA at a rate of 4 pts. per acre of a 4 lbs. gal. or 2.4 pts. per acre of a 6.6 lbs. gal. MSMA on a broadcast basis. The sprayer must be equipped with flat fan or off-

59

center fan nozzles designed to deliver 10 to 30 gals. of water per acre when operated at 20 to 30 PSI measured at the nozzle. Pressures greater than 30 PSI may cause the spray mist to move upward into the cotton canopy resulting in crop injury. While some formulations of MSMA contain added surfactant and provide enough wetting action to enhance COBRA activity, the use of a crop oil concentrate at 1 to 2 pts. per acre (broadcast basis) may further enhance control of larger weeds.

Table 5C.

COBRA + MSMA TANK MIX

Cotton 6" to 12" Tall — Directed Postemergence
OR Cotton 12" Tall (or more) — Layby
APPLICATION RATES

Application Timing	Product/Formulation	Broadcast Rate/Acre	Comments
USE BEFORE BLOOM			
Post directed Cotton 6" to 12" OR Layby Cotton 12" or taller	COBRA + MSMA	2E 12.5 fl. oz. 4 lbs. gal. (64 oz.)	Reduce broadcast rate in proportion to the band area actually treated (See SPRAYER CALIBRATION).
OR	OR	6.6 lbs. gal. 2.4 pts. (38.4 oz.)	

60

Table 6C.

WEEDS CONTROLLED BY COBRA and
COBRA + MSMA TANK MIXControl 5 to 8-Tall - Directed Postemergence
ON Cotton 12" (or more) - Layby
COBRA RATE - 12.5 fl. oz./Acre

Common Name	Maximum Leaf Stage
Balloonvine	4
Beggarticks	6
Bristly Starbur	4
Buffalobur	4
Burcucumber	4
Carpetweed	8 in diameter
Common Cocklebur	6
Common Purslane	8 in diameter
Copperleaf	
Hophornbeam	4
Virginia	4
Croton	
Tropic	4
Woolly	4
Devilsclaw	4
Eclipta	6
Florida Beggartick	2
Florida Pusley	6
Groundcherry	
Cureleaf	6
Lanceleaf	6
Hairy Galinsoga	4
Hemp Sesbania	6
Jimsonweed	4
Mexicanweed	4
Morningglory	
Cypressvine	4
Extremity	2
Lycium	2

61

Table 6C. (continued)

Common Name	Maximum Leaf Stage
Palmleaf	4
Pitted	4
Purple Moonflower	4
Smallflower	4
Tall	2
Nightshade	
Black	6
Eastern Black	6
Hairy	4
Pigweed	
Palmer Amaranth	6
Prostrate	6
Redroot	6
Smooth	6
Spiny Amaranth	6
Poorjoe	6
Prickly Sida (Teaweed)	4
Puncturevine	15 in diameter
Ragweed	
Common	6
Giant	4
Showy Croton	4
Small Melon	6
Spurge	
Prostrate	1 in diameter
Spotted	4
Tall Waterhemp	4
Velvetleaf	4
Vernice Mallow	4
Wild Mustard	6
Wild Poinsettia	4
Wild Sunflower	2
Witchweed	6 8 in prior to bloom

62

Table 7C.

COBRA + BLADIX TANK MIX/COBRA + KARMEX TANK MIX
WEEDS CONTROLLED BY COBRA HERBICIDE TANK MIXES

12.5 fl. oz.

Common Name	Maximum Growth Stage
Common Cocklebur	upto 8 inches
Eclipta	upto 8 inches
Pigweed	
Palmer Amaranth	upto 8 inches
Prostrate	upto 8 inches
Redroot	upto 8 inches
Smooth	upto 8 inches
Spiny Amaranth	upto 8 inches
Spurges	
Prostrate	4 in diameter
Spotted	upto 6 inches
Tall Waterhemp	upto 6 inches

BEST AVAILABLE COPY

63

DIRECTIONS FOR USE IN
SOUTHERN PINE SEEDBEDS

GENERAL INFORMATION

COBRA is a selective herbicide for use in southern pine seedbeds which is used according to this label. Pine seedlings will tolerate postemergence treatments when applications are made following complete emergence of the stand. COBRA may be used on the pine species listed in Table A. Tolerant species are listed in the following states:

Alabama	Georgia	Mississippi	South Carolina
Arkansas	Kentucky	Missouri	Tennessee
Delaware	Louisiana	North Carolina	Texas
Florida	Maryland	Oklahoma	Virginia

On a sandy soil, slight needle burn will be observed on the youngest growth following application. New growth will be normal and the seedlings will continue vigorous growth under favorable environmental conditions.

For maximum growth, applications are made following complete establishment of the seedlings. Some foliar and stem injury to seedlings may result if COBRA is applied to newly emerged seedlings. For maximum crop safety, wait until the seedlings have initiated primary shoot growth before applying COBRA.

APPLICATION

Thoroughly mix COBRA with clean water and apply at 30 to 50 PSI in 20 to 40 gals. per acre. Flat fan or hollow cone nozzles are recommended.

Applications should be less than 20 gals. per acre or less than 30 PSI when the ground is hard. Complete coverage of the weeds and will result in complete control. Do not make aerial applications of COBRA to pine seedbeds.

64

Table A

COBRA Herbicide - Southern Pine Seedling - Rate and Time of Application Table

Product	Rate	Weeds Controlled	Tolerant Species	Adjuvant
COBRA	6.5 fl. oz. A every 1 week (maximum 4 applications)*	Black Nightshade Carpetweed Common Dayflower Common Purslane Common Ragweed Croton Tropic Dogfennel Eclipta Florida Beggartick weed Florida Pusley Hairy Galinsoga Mayweed Morningglory species Mustard species Prickly Sida Pigweed species Poorjoe Showy Croton Sicklepod Spurge Prostrate Spotted Witchweed Yellow Woodsorrel	Eastern white pine (Pinus strobus) Loblolly Pine (Pinus taeda) Sand Pine (Pinus clausa) Shortleaf Pine (Pinus echinata) Slash Pine (Pinus palustris) Virginia Pine (Pinus virginiana)	1 qt. A crop oil concentrate** or 1 qt. A non ionic surfactant per 100 gals. 1 qt. A treated post emergent activity is desired.

* Do not apply more than 12.5 fl. oz. per acre within any 2 week period. The total amount of COBRA used per season must not exceed 25 fl. oz. per acre. (4.16 active ingredients).

65

**The addition of crop oil concentrate to COBRA may cause some needle burn. DO NOT APPLY WITH SPRAY ADJUVANTS UNTIL PRIMARY SHOOT GROWTH HAS BEGUN

APPENDIX

The following are scientific names for the weeds listed on this label:

Common Name	Scientific Name
Balloonvine	Cardiospermum halicacabum
Barnyardgrass	Echinochloa crus-galli
Beggarticks	Bidens biternata
Bermudagrass	Cynodon dactylon
Bristly Starbur	Acanthospermum hispidum
Broadleaf Signalgrass	Brachiaria patula
Buffalobur	Solanum elaeagnifolium
Burcucumber	Sicyos angulatus
Canada Thistle	Cirsium arvense
Carpetweed	Mollis perfoliata
Coffee Senna	Cassia occidentalis
Common Cocklebur	Xanthium strumarium
Common Lambsquarters	Chenopodium album
Common Purslane	Portulaca oleracea
Copperleaf	
Hophornbeam	Acalypha gettysburgiana
Virginia	Acalypha virginiana
Croton	
Large	Digitaria sanguinalis
Smooth	Digitaria sphegodes
Southern	Digitaria adscendens
Tropical	Digitaria bicornis
Croton	
Tropic	Croton glandulosus
Woolly	Croton capitatus
Crowfootgrass	Dactyloctenium aegyptium
Dayflower	Commelina spp.
Devilscaw	Prostrisidearia americana
Dogfennel	Eupatorium maculatum

66

14841 APPENDIX (continued)

Common Name

Downy Brome
Echipta
Fall Panicum
Field Sandbur
Florida Beggarweed
Florida Pusley
Foxtails
Bristly
Giant
Green
Robust Purple
Yellow
Galinsoga
Goosegrass
Groundcherry
Cutleaf
Lanceleaf
Harry Galinsoga
Hemp Sesbania
Italian Ryegrass
Itchgrass
Jimsonweed
Johnsongrass
Rhizome
Seedlings
Jungle
Kochia
Marweed
Mexicanweed
Milkweeds
Climbing
Common

Scientific Name

Bromus tectorum
Echipta prostrata
Panicum dichotomiflorum
Cenchrus incertus
Desmodium tortuosum
Richardia scabra
Setaria verticillata
Setaria fabrii
Setaria viridis
Setaria viridis
Setaria glauca
Galinsoga spp
Eleusine indica
Physalis angulata
Physalis lanceifolia
Galinsoga ciliata
Setaria exaltata
Lolium multiflorum
Rottboellia exaltata
Datura stramonium
Sorghum halepense
Sorghum halepense
Echinochloa colonum
Kochia scoparia
Anthemis cotula
Caperonia castanifolia
Sarcostemma cynanchoides
Asclepias syriaca

67

APPENDIX (continued)

Common Name

Morningglories
Bigroot (Wild Sweet Potato)
Cypressvine
Entireleaf
Ivyleaf
Palmleaf
Pitted
Purple Moonflower
Smallflower
Tail
Nightshades
Black
Eastern Black
Harry
Pennsylvania Smartweed
Pigweeds
Palmer Amaranth
Prostrate
Redroot
Smooth
Spiny Amaranth
Poorjoe
Prickly Sida (Teaweed)
Puncturevine
Quackgrass
Ragweeds
Common
Giant
Red Rice
Redvine
Shattercane
Showy Crotonaria
Sicklepod

Scientific Name

Ipomoea pandurata
Ipomoea quamoclit
Ipomoea hederacea
var integruscula
Ipomoea hederacea
Ipomoea Wrightii
Ipomoea lacunosa
Ipomoea turbinata
Jacquemontia tamnifolia
Ipomoea purpurea
Solanum nigrum
Solanum ptycanthum
Solanum sarachoides
Polygonum pennsylvanicum
Amaranthus palmeri
Amaranthus blitoides
Amaranthus retroflexus
Amaranthus hybridus
Amaranthus spinosus
Diodia teres
Sida spinosa
Tribulus terrestris
Agropyron repens
Ambrosia artemisiifolia
Ambrosia trifida
Oryza sativa
Brunnichia ovata
Sorghum bicolor
Crotalaria spectabilis
Cassia obtusifolia

68

APPENDIX (continued)

Common Name

Small Melon
Sorghum Alnum
Southern Cupgrass
Southern Sandbur
Sprangletop
Spurge
Prostrate
Spotted
Spurred Anoda
Swamp Smartweed
Sunflower
Tall Waterhemp
Texas Panicum
Trumpet Creeper
Velvetleaf
Venice Mallow
Volunteer Cereals
Barley
Corn
Milo
Oats
Rye
Wheat
Wild Mustard
Wild Oats
Wild Poinsettia
Wild Proso Millet
Wild Sunflower
Wirestem Muhly
Witchgrass
Witchweed
Woolly Cupgrass
Yellow Woodsorrel

Scientific Name

Cucumis melo
Sorghum alnum
Eriochloa gracilis
Cenchrus echinatus
Leptochloa spp
Euphorbia humistrata
Euphorbia maculata
Anoda cristata
Polygonum coccineum
Helianthus spp
Amaranthus tuberculatus
Panicum texanum
Cimicifuga racemosa
Abutilon theophrasti
Hibiscus trionum
Hordeum vulgare
Zea mays
Sorghum bicolor
Avena sativa
Secale cereale
Triticum aestivum
Sinapis arvensis
Avena fatua
Euphorbia heterophylla
Panicum miliaceum
Helianthus annuus
Muhlenbergia frondosa
Panicum capillare
Striga asiatica
Eriochloa villosa
Oxalis stricta

69

SEE AVAILABLE COPY

STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food, or feed by storage, disposal or cleaning.

STORAGE

Store in original container.
Do not use for food or drink containers.
Do not use for storage around the home.
If spilled, clean up immediately. If fire or explosion involving this material, call fire department 410-312-1122 or 1-800-424-9300.

PESTICIDE DISPOSAL

This product is highly toxic. Improper disposal of excess pesticide spray material is a violation of Federal law. If these wastes cannot be disposed of by the user, they should be sent to the nearest Pesticide Disposal Center, U.S. Environmental Protection Agency, or the Hazardous Waste representative at the nearest TPA Regional Office for guidance.

CONTAINER DISPOSAL

This is a toxic or equivalent. Do not reuse container. Offer for recycling or other reuse. Do not burn or dispose of in a sanitary landfill. Do not dump or discard in any way not approved by state and local authorities. Do not burn if it may cause air pollution.

70

IMPORTANT INFORMATION READ BEFORE USING PRODUCT.

LIMITED WARRANTY Valent U.S.A. Corporation warrants that this product conforms to the chemical description on the label and is reasonably fit for use under average conditions when used strictly in accordance with the directions on the labeling. Valent does not make nor authorizes any agent or representative to make any other warranty, guarantee or representation, express or implied, concerning this product. Specifically, **NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE IS MADE.**

2. Critical and unforeseeable factors beyond Valent's control prevent it from eliminating all risks in connection with the use of this product. Such risks include, but are not limited to, damage to plants and crops to which product is applied, lack of complete control over the handling and application of this product, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit under average conditions for the uses stated on the labeling and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Valent under 1. above) resulting from handling, storage, and use of the product.

3. Precautions stated on the labeling should be followed to avoid hazardous exposure to the product.

71

ASSURE®—Reg. TM of E.I. duPont de Nemours & Co., Inc. for quazalofop ethyl herbicide
BASAGRAN®—Reg. TM of BASF Corp. for bentazon herbicide
BLADEX®—Reg. TM of E.I. duPont de Nemours & Co., Inc. for cyanazine herbicide
CLASSIC®—Reg. TM of E.I. duPont de Nemours & Co., Inc. for chlorimuron ethyl herbicide
COMMAND®—Reg. TM of FMC Corporation for clomazone herbicide
DUAL®—Reg. TM of Ciba-Geigy Corp. for metolachlor herbicide
FUSILADE® 2000—Reg. TM of ICI Americas, Inc. Agricultural Products for fluazifop-P-butyl herbicide
HAGIEM®—TM of Hagie Manufacturing Company
KARMEX®—Reg. TM of E.I. duPont de Nemours & Co., Inc. for diuron herbicide
LASSO®—Reg. TM of Monsanto Agri. Co. for alachlor herbicide
OPTION®—Reg. TM of Hoechst AG for fenoxaprop-ethyl herbicide
PASSPORT®—Reg. TM of American Cyanamid Co. for imazethapyr plus trifluralin herbicides
PURSUIT®—Reg. TM of American Cyanamid Co. for imazethapyr herbicide
PURSUIT PLUS®—Reg. TM of American Cyanamid Co. for imazethapyr plus pendimethalin herbicides
SCEPTER®—Reg. TM of American Cyanamid Co. for imazazquin herbicide
SPRA COUPE™—TM of Melroe Company Fargo, North Dakota
SUN IT II™—TM of AGSCO, Inc.
X 77®—Reg. TM of Valent U.S.A. Corporation

Manufactured for
Valent U.S.A. Corporation © 1991
Walnut Creek, Ca 94596-8025
Form R-246-K Made in U.S.A.
EPA Reg. No. 59639-34

72