

PROGRAM A
(VERTON 2D Herbicide)

Species Controlled: For control of broadleaf weeds such as:

- | | | |
|-------------------------|----------------------|---------------------|
| bitterweed | heliotrop | plantain |
| blueweed, Texas | hemp | radish, wild |
| broomweed | jimsonweed | ragweed |
| buckwheat, wild | lechia | ragwort, tansy |
| burdock | lambquarters | shepherdspurse |
| cocklebur | lettuce, prickly | snakeweed |
| crotan | mallow | sneezeweed, bitter |
| dandelion | marshmallow | starthistle, yellow |
| dock | morningglory, annual | sunflower |
| dogfennel | mustard | thistle, musk |
| eveningprimrose, common | nightshade | thistle, Russian |
| fanweed | onion, wild | velvetleaf |
| fiddleneck | pepperweed | vetch |
| garlic, wild | pigweed | |

and certain woody species including:

- | | | |
|-----------|--------------------|-----------------|
| alder | chamise | rabbitbrush |
| aspen | coastal sage | sagebrush, big |
| birch | hazel | sagebrush, sand |
| buckbrush | manzanita | sumac |
| ceanothus | oak, sand shinnery | willow |

*most difficult to control

Amounts to Use: Apply VERTON 2D at the rate of 0.5 to 2 gallons per acre using enough spray volume to provide adequate coverage, usually 15 to 25 gallons of spray mixture per acre. The 0.5 gallon per acre rate will provide temporary suppression of weed growth and may require re-treatment. Use the higher rates and spray volumes for the most difficult to control species. For conifer release consult your State or Regional Forester for recommendations to fit local conditions.

Mixing Instructions: Consult label directions under **How to Prepare the Spray** and use the table below as a guide to the amount of each spray ingredient needed to prepare 100 gallon batches of spray based on the pounds of active ingredient and total spray volume desired per acre.

Rate per Acre		Gallons of Each Ingredient Needed to Make 100 Gallons Spray ¹		
Pounds of 2,4-D Acid Equivalent	Total Gallons of Spray	VERTON 2D	Oil	Water
1	15	3.3	6.7	90.0
2	15	6.7	3.3	90.0
	20	5.0	5.0	90.0
	25	4.0	6.0	90.0
3	15	10.0		90.0
	20	7.5	2.5	90.0
	25	6.0	4.0	90.0
4	15	13.3		86.7
	20	10.0		90.0
	25	8.0	2.0	90.0

¹The amounts of each component may be proportionally increased or decreased if larger or smaller batches are needed. Consult manufacturer's "INVERT EMULSION MANUAL" for additional chemical oil to water phase ratios.

PROGRAM B
(VERTON 2D Herbicide plus VERTON 2T Herbicide)

Species Controlled: Include those listed under Program A plus the following

- | | |
|--------------------------------------|--------------|
| *ash | honeysuckle |
| *brambles (raspberry and blackberry) | *locust |
| broom, Scotch | madrone |
| *cherry | *maple |
| *chokecherry | *oak |
| elder | osageorange |
| elm | poison ivy |
| *gum | *poison oak |
| hawthorn | poplar |
| *hickory | *salmonberry |
| | *sassafras |
| | *sweetgum |

*most difficult to control

Amounts to Use: Apply VERTON 2D at the rate of 0.25 to 3 gallons per acre with an equal amount of VERTON 2T using enough spray volume to provide adequate coverage, usually 15 to 30 gallons of spray mixture per acre. The lowest rate will provide temporary suppression of weed growth and may require re-treatment. Use the higher rates for most difficult to control species. For rangeland and conifer release do not exceed 1 gallon each of VERTON 2D and VERTON 2T per acre. Consult your State or Regional Forest or Range Specialist for recommendations to fit local conditions.

Mixing Instructions: Consult label directions under **How to Prepare the Spray** and use the table below as a guide to the amount of each spray ingredient needed to prepare 100 gallon batches of spray based on the pounds of active ingredients and total spray volume desired per acre.

Rate per Acre		Gallons of Each Ingredient Needed to Make 100 Gallons Spray ¹			
Pounds of 2,4-D + 2,4,5-T Acid Equivalent	Total Gallons of Spray	VERTON 2D	VERTON 2T	Oil	Water
0.5 + 0.5	15	1.7	1.7	6.6	90.0
1 + 1	15	3.3	3.3	3.3	90.1
	20	2.5	2.5	5.0	90.0
	25	2.0	2.0	6.0	90.0
2 + 2	15	6.7	6.7		86.6
	20	5.0	5.0		90.0
	25	4.0	4.0	2.0	90.0
3 + 3	15	10.0	10.0		80.0
	20	7.5	7.5		85.0
	25	6.0	6.0		88.0
4 + 4	20	10.0	10.0		80.0
	25	8.0	8.0		84.0
	30	6.7	6.7		86.6
5 + 5	25	10.0	10.0		80.0
	30	8.3	8.3		83.4
6 + 6	30	10.0	10.0		80.0

¹The amounts of each component may be proportionally increased or decreased if larger or smaller batches are needed. Consult manufacturer's "INVERT EMULSION MANUAL" for additional chemical oil to water phase ratios.

PROGRAM C
(VERTON 2D Herbicide plus TORDON K Herbicide)

Species Controlled: Include those listed under Programs A and B plus the following annual and perennial broadleaf weeds:

- | | | |
|-----------------|-------------------|------------------|
| bindweed, field | horsetail | skeletonweed |
| bouncingbet | knapweed, diffuse | sawthistle |
| bursage | knapweed, Russian | spruce, leafy |
| canef, wild | kudzu | sweetclover |
| chicory | milkweed | thistle, Canada |
| clever | mullin | toadflax, |
| fleabane | parsnip, wild | dalmation |
| goldenrod | | toadflax, yellow |
- and unwanted woody species:
- | | | |
|--------------|--------------|-----------------|
| bracken fern | fir, Douglas | pine |
| buttonbrush | gorse | sourwood |
| cedar | hemlock | spruce |
| dogwood | persimmon | trumpet creeper |
| fir, balsam | | |

The use of TORDON K with VERTON 2D provides better control of rootsuckering species such as aspen, locust, sassafras and sumac than can be obtained using spray Program A or B. Note: Do not use this program on rangeland or for conifer release.

Amounts to Use: Always use VERTON 2D with TORDON K in the ratio of 4 parts VERTON 2D and 1 part TORDON K. Apply each product at the following rates depending on weed and brush species to be controlled.

For annual broadleaf weeds use 2 quarts of VERTON 2D and 1 pint of TORDON K and apply in enough spray volume to obtain adequate coverage, usually 15 to 20 gallons of spray mixture per acre.

For perennial broadleaf weeds and susceptible woody species use 1 to 3 gallons of VERTON 2D and 1 to 3 quarts of TORDON K. Apply in enough spray volume for adequate coverage, usually 15 to 25 gallons of spray mixture per acre.

For difficult to control woody species, such as ash, balsam fir, black spruce, bracken fern, eastern red cedar, gum, hickory, maple, oaks, salmonberry and sourwood, use 3 to 4 gallons of VERTON 2D and 3 to 4 quarts of TORDON K and apply in enough total spray volume to obtain adequate coverage, usually 20 to 25 gallons per acre.

NOTE: Always use VERTON 2D with TORDON K in a ratio of 4 parts to 1 respectively. Do not mix VERTON 2D directly with TORDON K; see **How to Prepare the Spray** for proper mixing procedure.

Mixing Instructions: Consult label directions under **How to Prepare the Spray** and use the table below as a guide to the amount of each spray ingredient needed to prepare 100 gallon batches of total spray based on the pounds of active ingredients and total spray volume desired per acre.

Rate per Acre		Gallons of Each Ingredient Needed to Make 100 Gallons Spray ¹				
Pounds of 2,4-D + Picloram Acid Equivalent	Total Gallons of Spray	VERTON 2D	Oil	TORDON K	Water	
1 - 0.25	15	3.3	6.7	0.6	89.2	
	20	2.5	7.5	0.6	89.4	
2 - 0.5	15	6.7	3.3	1.7	89.3	
	20	5.0	5.0	1.3	88.7	
	25	4.0	6.0	1.0	89.0	
3 - 0.75	15	10.0		2.4	87.5	
	20	7.5	2.5	1.9	88.1	
	25	6.0	4.0	1.5	88.5	
4 - 1.0	15	13.3		3.3	83.4	
	20	10.0		2.5	87.5	
	25	8.0	2.0	2.0	88.0	
5 - 1.25	15	16.7		4.2	79.1	
	20	12.5		3.1	84.4	
	25	10.0		2.5	87.5	
6 - 1.5	15	20.0		5.0	75.0	
	20	15.0		3.7	81.3	
	25	12.0		3.0	85.0	
7 - 1.75	20	17.5		4.4	78.1	
	25	14.0		3.5	82.5	
8 - 2.0	20	20.0		5.0	75.0	
	25	16.0		4.0	80.0	

¹The amounts of each component may be proportionally increased or decreased if larger or smaller batches are needed. Consult manufacturer's "INVERT EMULSION MANUAL" for additional chemical oil to water phase ratios.

ACCEPTED
 1973
 UNDER THE FEDERAL INSECTICIDE
 FUNGICIDE AND RODENTICIDE ACT
 FOR ECONOMIC POISON REGISTERED
 UNDER NO. 464-436
 1114 436



SPECIMEN LABEL

SILVEX, ISOOCTYL ESTERS

FOR MANUFACTURING USE ONLY

ACTIVE INGREDIENT*

Isooctyl Esters of Silvex 2-(2,4,5-trichlorophenoxy) propionic acid 97.0%

INERT INGREDIENTS

Related Compounds and Unreacted Alcohol 3.0%
 2-(2,4,5-Trichlorophenoxy)propionic acid, equivalent, 68.5%
 E.P.A. Registration No. 464-436

NOTE. Because of their properties and intended uses, formulations containing silvex, isooctyl esters may require precautionary labeling differing from that given. Formulators should develop their own use and precautionary labeling, based on the properties and intended uses of their own finished formulations, and in accordance with all pertinent laws and regulations.

NOTICE ...

Vapors from this product may injure susceptible plants in the immediate vicinity

Do not contaminate water used for irrigation or domestic purposes. Do not store near fertilizers, seeds, insecticides, or fungicides. Thoroughly clean equipment used with this product with a suitable chemical cleaner before use for other purposes. Do not reuse empty container. Dispose of empty container and waste by burying in locations away from domestic water supplies

This product is toxic to fish. Do not contaminate water by cleaning of equipment, or disposal of wastes

CAUTION

**MAY CAUSE IRRITATION
 HARMFUL IF SWALLOWED • AVOID CONTACT
 WITH EYES, SKIN AND CLOTHING**

In case of contact with the eyes, wash with flowing water for at least 15 minutes and get medical attention.

500 LB.

THE DOW CHEMICAL COMPANY

AND SUBSIDIARIES

MIDLAND MICHIGAN 48640 USA ZURICH SWITZERLAND HONG KONG
 CORAL GABLES FLORIDA 33134 USA SARNIA ONTARIO CANADA

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THIS IS THE INITIAL PRINTING OF THIS SPECIMEN LABEL.



37E LINE 1.82

SILVEX, ISOOCTYL ESTERS

FOR MANUFACTURING USE ONLY

ACTIVE INGREDIENT:

Isooctyl Esters of Silvex, [2-(2,4,5-trichlorophenoxy) propionic acid]..... 97.0%

INERT INGREDIENTS:

Related Compounds and Unreacted Alcohol..... 3.0%
2-(2,4,5-Trichlorophenoxy)propionic acid, equivalent, 68.5%.
E.P.A. Registration No. 484-436

NOTE: Because of their properties and intended uses, formulations containing silvex, isooctyl esters may require precautionary labeling differing from that given. Formulators should develop their own use and precautionary labeling, based on the properties and intended uses of their own finished formulations, and in accordance with all pertinent laws and regulations.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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