

DIRECTIONS FOR PRE-HARVEST USE ON CITRUS
 19 CC (2/3 ounce) of this material, mixed in 500 gallons of spray mixture, gives a solution of 4 ppm**. The recommended concentrations fall within the following limits under normal conditions:

TO PREVENT PRE-HARVEST DROP OF MATURE FRUIT

- (a) 4 ppm** as an additive to fall oil sprays, to prevent leaf and fruit drop of lemons next spring.
- (b) 8 ppm** as a water spray, to prevent preharvest drop of Navel oranges sprayed in December or January for harvest after February.
- (c) 12 ppm** as a water spray, applied during November or December, to prevent harvest drop of lemons during the following spring.
- (d) 16 ppm** as a water spray, during June or July, on grapefruit for late summer or fall harvest, and on Navel oranges in October or November for harvest after February.
- (e) 24 ppm** inclusion in the fall whitewash treatment to prevent fruit drop of Navel oranges for harvest after February.

WATER SPRAYS TO INCREASE FRUIT SIZE

Variety	Fruit Size When Spraying Inches in Diameter	Recommended Concentration to use
Navel and Valencia Oranges	3/16 to 1/4 inch	12 ppm
	1/4 to 1/2 inch	16 ppm
	1/2 to 5/8 inch	20 ppm
	5/8 to 3/4 inch	24 ppm
Grapefruit	1/4 to 3/8 inch	12 ppm
	3/8 to 5/8 inch	16 ppm
	5/8 to 3/4 inch	20 ppm
	3/4 to 1 inch	24 ppm

** ppm equivalent of 2,4-dichlorophenoxyacetic acid
CAUTIONS

Be sure to carefully measure and accurately add this product to the spray mixture. Be sure to add only during agitation of the spray material.
 Do not spray this product less than 7 days before harvesting fruit, in order to comply with Federal Regulations for this material.
 Do not apply the product to trees less than six years of age.
 Do not use concentrated sprays.
 Do not apply during flush of leaf growth.
 Do not contaminate waters used for irrigation or domestic purposes.
 Avoid spray drift to susceptible plants as vapors from this product may injure susceptible plants, cotton, beans, peas, ornamentals in the vicinity. (Coarse sprays are less likely to drift).

DIRECTIONS FOR PACKING HOUSE USE

To keep buttons alive and healthy, and therefore prevent alternaria rot.
 In lemon packing houses where a water-wax emulsion is applied to the fruit prior to storage the growth regulator should be added to this wax emulsion.

CODE
30862



ONE GALLON
Net Contents

DIRECTIONS FOR PACKING HOUSE USE
 If a water-wax emulsion is not used, then ment must be arranged to follow the final of the fruit. Such a treatment could be flush a growth regulator solution over circulate the surplus or apply a very fine regulator to the fruit and not recirculate. The amount of growth regulator adhering to be about the same in either case, so no tration would be necessary.

QUANTITY TO USE

A 500 ppm concentration of 2,4-D is recommended by adding 1 5/8 fluid ounces (48 gals. of water).

CAUTIONS

1. Under certain circumstances which seem the use of chromates in the air-washer, 2 patible with nitrogen trichloride, "Dacco", trol of decay. Packing houses using Dacco a growth regulator in the wax emulsion, extreme caution. Rind injury appearing as ish discoloration has been greatly inter growth regulators in some packing house.
 2. When a minimum storage period is desired disadvantage to use 2,4-D because of the to a yellow color. Also, the percentage of crease as rapidly.

3. Late summer use of 2,4-D in the packing essitate more careful culling for weak fr decline) because of the retention of green fruit.

WARNING. Any equipment used in spraying taining 2,4-D should not be used to spray plants. In disposing of solutions of 2, borne in mind that they can cause extreme to sensitive plants. If possible, dispose o in a sump rather than down the drain so as ination of underground water supplies.

ACTIVE INGREDIENTS	By Wt.
2, 4-Dichlorophenoxyacetic Acid *Isopropyl Ester	45.0%
INERT INGREDIENTS:	55.0%
	<hr/>
	100.0%

*2,4-Dichlorophenoxyacetic acid equivalent 37.7%
 Contains the equivalent of 3.34 pounds of Dichlorophenoxyacetic acid per gallon.

**CAUTION
 KEEP OUT OF REACH OF CHILDREN**

Avoid contact with skin, eyes and clothing. Avoid inhaling spray.

Do not store this material near seeds, insecticides, fungicides or fertilizers.

DO NOT RE-USE THIS CONTAINER FOR ANY OTHER MATERIAL.

Destroy it without heating it, in such a way that any residual contents or vapors will not come in contact with vegetation.

U. S. Patents Nos. 2,390,941, 2,396,513, 2,472,347 and -2,453,983
 The State of California, Department of Agriculture, classifies this Ester of 2,4-D as "highly volatile" and therefore does not permit its use as an herbicide in California.

**NIAGARA CHEMICAL DIVISION
 FMC CORPORATION**



MIDDLEPORT, N. Y.



FRESNO, CALIF. • RICHMOND, CALIF.
 RIVERSIDE, CALIF. • YAKIMA, WASHINGTON

Dealer Should Sell in Original Package
USAGE CAUTION: Do not allow this material to drift onto areas of use in a manner or at a time other than in accordance with the label, or to cause injury, illegal residues or other undesirable results.
TERMS OF SALE OR USE: On purchase or use of this product the user agrees to the following conditions:

WARRANTY: Niagara warrants that this product, as of the time of purchase, (1) conforms to the ingredient statement on the label, and (2) is reasonable in the Directions for Use. EXCEPT AS SO WARRANTED THE NIAGARA MAKES NO OTHER WARRANTY EXPRESS OR IMPLIED.
DAMAGES: Buyer's or user's exclusive remedy for damages for goods shall be limited to direct damages not exceeding the purchase price. Incidental or consequential damages, including any claim for lost profits, shall be excluded. Notice of any claim must be given within 10 days of discovery by buyer or user, failing which the user shall be deemed to have accepted the goods.
EXCUSE FROM NON-CONTROLLABLE CONDITIONS: Because of the nature of the product and the conditions of use, Niagara is not liable for damages caused or incurred by buyer or user or over which Niagara is not in a position to exercise control. Niagara's liability is limited to the extent of the purchase price. Niagara's liability is not intended to be a condition of purchase or use, assumes responsibility for liability arising out of the handling or use of the product. No person is authorized to vary or waive any statement contained on this label.

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ACCEPTED WITH COMMENTS

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	100.0%
*2,4-Dichlorophenoxyacetic acid equivalent	37.7%
Contains the equivalent of 3.34 pounds of Dichlorophenoxyacetic acid per gallon.	

**CAUTION
 KEEP OUT OF REACH OF CHILDREN**

Avoid contact with skin, eyes and clothing. Avoid inhal-
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Do not store this material near seeds, insecticides, fungicides or
 fertilizers.

DO NOT RE-USE THIS CONTAINER FOR ANY OTHER MATERIAL.

Destroy it without heating it, in such a way that any residual con-
 tents or vapors will not come in contact with vegetation.

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DIRECTIONS FOR PACKING HOUSE USE CON'T.

If a water-wax emulsion is not used, then a separate treat-
 ment must be arranged to follow the final fresh water rinse
 of the fruit. Such a treatment could be designed so as to
 flush a growth regulator solution over the fruit and re-
 circulate the surplus or apply a very fine spray of growth
 regulator to the fruit and not recirculate the small surplus.
 The amount of growth regulator adhering to the fruit would
 be about the same in either case, so no change in concen-
 tration would be necessary.

QUANTITY TO USE

A 500 ppm concentration of 2,4-D is recommended. This is
 obtained by adding 1 5/8 fluid ounces (48 ml.) to each 10
 gals. of water.

CAUTIONS

1. Under certain circumstances which seem to be related to
 the use of chromates in the air-washer, 2,4-D is not com-
 patible with nitrogen trichloride, "Decco", as used for con-
 trol of decay. Packing houses using Decco should avoid using
 a growth regulator in the wax emulsion, or use it with
 extreme caution. Rind injury appearing as reddish or brown-
 ish discoloration has been greatly intensified by these
 growth regulators in some packing houses using Decco.

2. When a minimum storage period is desired it would be a
 disadvantage to use 2,4-D because of the delay in changing
 to a yellow color. Also, the percentage of juice may not in-
 crease as rapidly.

3. Late summer use of 2,4-D in the packing house may nec-
 essitate more careful culling for weak fruit (blossom-and
 decline) because of the retention of green buttons in such
 fruit.

WARNING. Any equipment used in spraying any product con-
 taining 2,4-D should not be used to spray 2,4-D sensitive
 plants. In disposing of solutions of 2,4-D it should be
 borne in mind that they can cause extreme injury or death
 to sensitive plants. If possible, dispose of these materials
 in a sump rather than down the drain so as to avoid contam-
 ination of underground water supplies.

Dealer Should Sell in Original Packages Only.

USAGE CAUTION: Do not allow this material to drift onto neighboring crops or non-crop
 areas or use in a manner or at a time other than in accordance with label directions because
 animal, plant or crop injury, illegal residues or other undesirable results may occur.

TERMS OF SALE OR USE: On purchase or use of this product buyer and user agree to the
 following conditions:

WARRANTY: Niagara warrants that this product, as of the time of sale by Niagara, (1) con-
 forms to the ingredient statement on the label, and (2) is reasonably fit for the purpose set forth
 in the Directions for Use. **EXCEPT AS SO WARRANTED THE PRODUCT IS SOLD AS IS. NIAGARA MAKES NO OTHER WARRANTY EXPRESS OR IMPLIED.**

DAMAGES: Buyer's or user's exclusive remedy for damages for breach of warranty or negli-
 gence shall be limited to direct damages not exceeding the purchase price paid and shall not
 include incidental or consequential damages. Notice of any claim must be reported to Niagara
 within 10 days of discovery by buyer or user, failing which buyer or user waives any claim
 for such damage.

EXCUSE FROM NON-CONTROLLABLE CONDITIONS: Because of certain critical conditions
 created or incurred by buyer or user or over which Niagara has no control, buyer and user,
 as a condition of purchase or use, assume responsibility for and release Niagara from
 liability arising out of the handling or use of the product attributable to such causes. No
 person is authorized to vary or waive any statement contained herein.