

Uploaded to VFC Website ~ November 2012 ~

This Document has been provided to you courtesy of Veterans-For-Change!

Feel free to pass to any veteran who might be able to use this information!

For thousands more files like this and hundreds of links to useful information, and hundreds of "Frequently Asked Questions, please go to:

Veterans-For-Change

Veterans-For-Change is a 501(c)(3) Non-Profit Corporation Tax ID #27-3820181

If Veteran's don't help Veteran's, who will?

We appreciate all donations to continue to provide information and services to Veterans and their families.

https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=WGT2M5UTB9A78

Note:

VFC is not liable for source information in this document, it is merely provided as a courtesy to our members.

iten ID Number	04212	Not Scanned
Author		
Corporate Author		
Report/Article Title	Sales Specification Forms and Notes Describing Herbicide Orange)
Journal/Book Title		
Year	0000	
Month/Day		
Color		
Number of Unages	5	
Bes cripton Notes		

Barry Byrd requested that these be sent to you.

- SALES SPECIFICATION



THE DOW CHEMICAL COMPANY AGRICULTURAL PRODUCTS DEPARTMENT MIDLAND, MICHIGAN 48640

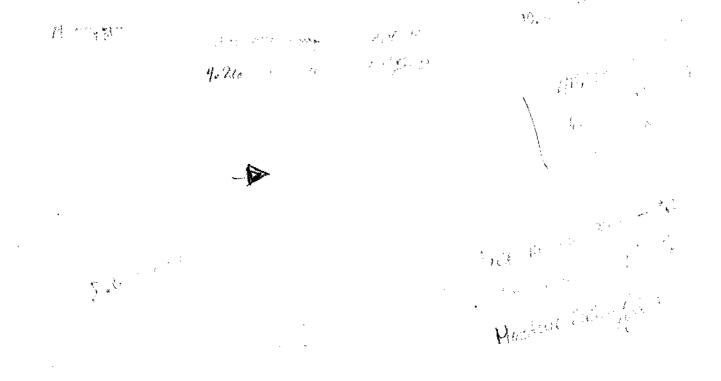
.

AGRICULTURAL PRODUCTS

SPECIFICATION		SUPERSEDES		METHOD OF ANALYSIS
NUMBER	DATE	NUMBER	DATE	
21315	11/17/69	21315	7/15/69	20706

2, 4-DICHLOROPHENOXYACETIC ACID, BUTYL ESTERS

2, 4-Dichlorophenoxyacetic acid, butyl esters, minimum	98.8 %
2, 4-Dichlorophenoxyacetic acid equivalent, minimum	78.8 %
Acidity as 2, 4-dichlorophenoxyacetic acid, maximum	0.25%



.

THE POLICY OF THE DOW CHEMICAL COMPANY IS DHE OF CONTINUED IMPROVEMENTS BY RESEARCH AND MANUPACTURING WHEREVER POSSIBLE TO ASSURE A STILL FINER PRODUCT. HENCE, SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

FORM C-13770 PRINTED IN U.S.A. A5+68

SALES SPECIFICATION



AGRICULTURAL PRODUCTS

SPECIFICATION		SUPERSEDES		METHOD OF ANALYSIS
NUMBER	DATE	NUMBER	DATE	
				87554a
87554	3/31/69	29019	2/28/60	

2, 4, 5-TRICHLOROPHENOXYACETIC ACID, BUTYL ESTERS

2, 4, 5-Trichlorophenoxyacetic acid, butyl esters minimum	97.5%
2, 4, 5-Trichlorophenoxyacetic acid equivalent, minimum	, 80.0%
λτακ _α ,	
Anidity on 2.4.5. Thighle new honory softing and	

Acidity as 2, 4, 5-Trichlorophenoxyacetic acid, maximum 2.0%

THE POLICY OF THE DOW CHEMICAL COMPANY IS ONE OF CONTINUED IMPROVEMENTS BY RESEARCH AND MANUFACTURING WHEREVER POSSIBLE TO ASSURE A STILL FINER PRODUCT. HENCE, SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Vescription of Orange Oraver consists of a 50-50 mixture (volume/volume) of 2,4,5-T. 2,4-D theoretically makes up 48.5% weight 1 # a Gellon of Change - The purity 1 2,4-Die 99% Thus, 48.5% × 99% - 48% 1 technical 7,4-D: The acid equinalent of R&D # 18.8% - Therefore, 48× 78.8% = 37.8% The specific gravity of Brange Vanges from 1.275-1.295 while the weight of Orange per gallon is 10.75 pourds. - 18.8 × 10.75= 4.645 2,4-Dacid gund. 2,4,5-1 makes up 51.5% by weight. The purity of 2,4,5- T was 97.5% And these \$7.5% × 50-3% = 50.2% Technical ester. The acid growingert of 2,4,5- T is 80% 7445 80 × 50.2 = 40.2% 40.2×10.75 = 4.30 16/40. 4.30 + 4.05 = 8.35 (b a) gallon Ivange containe a small percentage of butyl alibhol & Butyl ester mority.

Z. 4-D 025% free acid = 0268 16 ai -2,4,5 T Free Acid - 2150 16 ai R,4-12 al from Esters = 4.1847 R, 4, 57 ... " = 4, 1925 80 6190 Actium ingredient 2,4,5-T = 4.40752,4-D = 4.21158,6190 MAXIMUM POSSIBLE VALUE 2, 4, 5 - T = 4.30011 que = 0215 4 $2,4 \neq D = 4.336$ " and = 0.027 * Total = 8.1778