


**Drexel**

# Cotton

## Aerial Applicator's Guide

Drexel Chemical Company's comprehensive product line can fit any Cotton Grower's need. We are devoted to providing quality products, including: Adjuvants, Fungicides, Herbicides, Insecticides and Nutritional.

### DEFOLIANT / PLANT GROWTH REGULATOR

Product	Active Ingredient	Application Rates	Compared To	PHI	REI
Defol <sup>®</sup> 5	Sodium chlorate..... 42.30%	4.8 qts. / ac.	Exclusive from Drexel	n/a	12 hours
MEP <sup>®</sup> 42	Mepiquat chloride ..... 4.20%	2 to 24 fl. ozs. / ac.	Pix <sup>®</sup>	30 days	12 hours
MEP <sup>®</sup> 6X	Mepiquat chloride ..... 23.50%	0.33 to 4.2 fl. ozs. / ac.	Pix <sup>®</sup> Concentrate	30 days	12 hours

### FUNGICIDES

Product	Active Ingredient	Application Rates	Compared To
Sulfur 80 WDG <sup>**</sup>	Sulfur, Elemental ..... 80.00%	6 to 15 lbs. / ac.	Kumulus <sup>®</sup> , MicroSulf <sup>®</sup> , Microthiol <sup>®</sup> Disperss, Thiolux <sup>®</sup>

### HERBICIDES

Product	Active Ingredient	Application Rates	Compared To	Burndown	Pre	Post
AquaPen <sup>™</sup> 3.8	Pendimethalin ..... 38.70%	0.5 to 2.0 qts. / ac.	Prowl <sup>®</sup> H2O			
Dicam De-Ester <sup>®</sup>	Dicamba ..... 10.73% 2,4-D, Ester ..... 49.64%	2.0 pts. / ac.	Burnmaster <sup>™</sup> , Latigo <sup>®</sup> , Weedmaster <sup>®</sup>	X		
Dicamba DGA	Diglycolamine salt of Dicamba ... 58.10%	0.5 to 2.0 pts. / ac.	Clarity <sup>®</sup>	X		
Diuron 4L	Diuron ..... 40.00%	2 to 4.5 pts. / ac.	Direx <sup>®</sup>	X	X	X
Duplicator <sup>®</sup> 6	Glyphosate, DA salt..... 49.60%	22 fl. ozs. / ac.	Roundup Ultra <sup>®</sup>	X	X <sup>1</sup>	X
Foma <sup>®</sup> 1.88	Sodium salt of Fomesafen..... 22.10%	0.25 to 2.6 pts. / ac.	Flexstar <sup>®</sup>	X	X	X
Foma <sup>®</sup> 2.0	Sodium salt of Fomesafen ..... 22.80%	0.75 to 1.5 pts. / ac.	Reflex <sup>®</sup>	X	X	X
FomAsate <sup>™</sup>	Sodium salt of Fomesafen..... 5.88% Glyphosate ..... 22.40%	2.65 to 5.3 pts. / ac.	Flexstar <sup>®</sup> GT3.5	X	X	X
Imitator <sup>®</sup> DA	Glyphosate, DA salt ..... 34.00%	2 pts. / ac.	Touchdown <sup>®</sup>	X	X <sup>1</sup>	X
Imitator <sup>®</sup> Plus	Glyphosate, IPA salt ..... 41.00%	2 pts. / ac.	Roundup <sup>®</sup>	X	X <sup>1</sup>	X
Me-Too-Lachlor <sup>™</sup> II	Metolachlor ..... 84.40%	0.75 to 1.33 pts. / ac.	Dual II Magnum <sup>®</sup>	X	X	X
MSMA 6 Plus	Monosodium acid methanearsonate 47.60%	2.5 to 6 pts. / ac.	MSMA	X		
PIN-DEE <sup>™</sup> 3.3 EC	Pendimethalin..... 37.40%	0.6 to 2.4 qts. / ac.	Prowl <sup>®</sup> 3.3 EC	X		X
Quik-Quat <sup>™*</sup> (3 lbs. a.i.)	Paraquat dichloride..... 43.20%	0.7 to 1.3 pts. / ac.	Gramoxone <sup>®</sup> 2SL (2 lbs. a.i.)	X		
Trifluralin 4EC	Trifluralin ..... 44.50%	1.0 to 2.0 pts. / ac.	Treflan <sup>®</sup> H.F.P.	X		X
UP-Front <sup>™</sup>	Metolachlor ..... 46.40% Sodium salt of Fomesafen..... 10.20%	2.0 to 2.5 pts. / ac.	Prefix <sup>®</sup>	X		

### INSECTICIDES

Product	Active Ingredient	Application Rates	Compared To	Target Pest	REI
Chlorpyrifos 4E-AG	Chlorpyrifos ..... 44.90%	0.375 to 2.0 pts. / ac.	Lorsban <sup>®</sup> Advanced, Pilot <sup>®</sup> 4E	Thrips, Mites, Lygus (Plant Bugs)	24 hours
Dimethoate LV-4	Dimethoate ..... 41.70%	0.5 to 0.75 pt. / ac.	Cygon <sup>™</sup> , Dimethoate 400	Lygus (Plant Bugs), Aphids	48 hours
L-C Insecticide*	Lambda-cyhalothrin..... 12.60%	0.015 to 0.03 lb. / ac.	Cavalry <sup>™</sup> , Demand <sup>®</sup> EZ, Grizzly <sup>®</sup> Z, Karate <sup>®</sup> , Ravage <sup>®</sup> , Silencer <sup>®</sup>	Cutworm, Stink Bug	24 hours
Lambdafos <sup>™*</sup>	Chlorpyrifos ..... 28.12% Lambdafos..... 1.44%	6 to 25 fl. ozs. / ac.	Cobalt <sup>®</sup> Advanced	Stink Bug, Plant Bug	24 hours
Suffa	Sulfur, Elemental... ..... 52.00%	0.3 to 1.3 gals. / ac.	Flowable Sulfur	Cotton mites (Atlantic, Pacific, Red spider, Strawberry, Two- Spotted), Lygus	24 hours

\* RESTRICTED USE PESTICIDE.

\*\* Organic Product OMRI listed.

<sup>1</sup> This product may only be applied as a post-emergent to Glyphosate tolerant crops.

AQUAPEN, DE-ESTER, DEFOL, DUPLICATOR, FOMA, FOMASATE, IMITATOR, LAMBDAFOS, ME-TOO-LACHLOR, MEP, PIN-DEE, QUIK QUAT, UP-FRONT and the DREXEL logo are either trademarks or registered trademarks of Drexel Chemical Company. All other brand names, product names or trademarks belong to their respective holders. Always read and follow label instructions on the product container(s) before using. For more information about Drexel products, visit DrexChem.com.

CAAG-0620



# Cotton Aerial Applicator's Guide

## MICRONUTRIENTS AND NUTRIENTS

Product	Active Ingredient	Application Rates	Compared To
Beau-Ron® D**	Boron ..... 20.96%	1.2 to 2.4 lbs. / ac.	Solubor®
Beau-Ron® L	Boron ..... 10.00%	1 to 2 qts. / ac.	Blackjack® B 10%, Borsol® 10, Foli-Gro® Boron 10%, Liquid Boron 10%
DynaPhite™ 0-0-26	Soluble Potash ..... 26.00%	1 to 4 pts. / ac.	Other 0-0-26 Foliar Nutrients
DynaPhite™ 0-28-26	Available Phosphoric Acid ..... 28.00% Soluble Potash ..... 26.00%	1 to 4 pts. / ac.	Other 0-28-26 Foliar Nutrients
X® 10-0-10 Plus 0.5% B	Total Nitrogen ..... 10.00% Soluble Potash ..... 10.00% Boron ..... 0.50%	1 to 3 gals. / ac.	Other 10-0-10 + 0.5% B Formulations
X® 25-0-0	Total Nitrogen ..... 25.00%	0.5 to 5.0 gals. / ac.	Other 25-0-0 Slow Release Nutrients
X® 25-0-0 Plus 0.5% B	Total Nitrogen ..... 25.00% Boron ..... 0.50%	0.5 to 5.0 gals. / ac.	Other 25-0-0 plus 0.5% B Slow Release Nutrients
X® 28-0-0	Total Nitrogen ..... 28.00%	2 to 5 gals. / ac.	Other 28-0-0 Slow Release Fertilizers

## ADJUVANT / SURFACTANTS

Product	Use Rate	Features	Compared To
<b>BeanOil®</b> Crop Oil Concentrate	0.5 to 1 pt. / ac.	<b>BeanOil</b> is a superior blend of Soybean oil and special emulsifier-surfactants that is designed for use with a broad range of pesticides where a crop oil concentrate adjuvant is recommended.	Duce®, Exclaim®, FS COC™, SoySurf, Superb® HC, Trophy Gold™, Verifact®
<b>Holzit®</b> General Use Adjuvant	9 lbs. / 100 gals.	<b>Holzit</b> is an easy to use formulation of ammonium salts and specialty polymers for use with pesticides negatively affected by hard water.	Affix®, Array®, Dri-Gard®, Spray Start®
<b>Hot MES™</b> MSO Surfactant	0.5 to 1 pt. / ac.	<b>Hot MES</b> is a superior blend of special emulsifiers, surfactants and methylated seed oil, designed to enhance pesticide performance when compared to standard Methylated Seed Oils (MSO) or Crop Oil Concentrates (COC).	Cide Winder®, Destiny® HC, Duce®, Invade™ HC, Kixyt™, Methylated Soy-Stik®, MSO High Load®, Savvy™, Succeed® Ultra
<b>LOX®</b> Drift Control	4 to 8 fl. ozs. / ac.	<b>LOX</b> is an effective, easy-to-use drift control agent for improving deposition and retarding mist and drift in spraying operations.	In-Place®, Placement®
<b>Organic Pinene™**</b> Extender and Sticker	0.2 to 6 pt. / ac.	<b>Organic Pinene</b> is a water-soluble extender and sticker designed to prolong the life of organic pesticides.	NuFilm® P
<b>PAS-800™</b> Penetrant / Acidifier / Surf.	0.25 to 4 pts. / 100 gals.	<b>PAS-800</b> can be used as a non-ionic surfactant, penetrant or acidifier.	Ad-Buff™, CNI 800™, Elite Divine, Level 7®, LI 700®, Penetrator® Plus, Vader®
<b>Peptoil®</b> Crop Oil Concentrate	8 fl. ozs. to 4 pts. / ac.	<b>Peptoil</b> is a superior blend of highly refined paraffinic oil and emulsifier-surfactant system. It is designed for use with a broad range of pesticides including herbicides, insecticides, fungicides, and/or fertilizers and micronutrients.	Agri-Dex®, Chem-Oil 83, Crop Oil Concentrate, Herbimax®, Maximizer®, RWay®, RRSI Pacer®, Vigor™, WCS Crop Oil
<b>Pinene™ II</b> Extender and Sticker	See label	<b>Pinene II</b> is an extender, non-ionic sticker, spreader designed to extend the life of pesticides. Recommended for use with all pesticide products and soluble fertilizers.	Grip™, NuFilm® 17, NuFilm P, Reguard®, TransFix®
<b>Primary™</b> 60 / 40 Crop Oil Concentrate	1 to 4 pts. / ac.	<b>Primary</b> is a superior blend of special emulsifier-surfactants and highly refined paraffinic spray oil that is designed for use with a broad range of pesticides where an oil concentrate adjuvant is recommended.	Between™, Diplomat®, Exchange™, Franchise®, Hi-Load™, High Mark®, High-Load®, Stake™, Superb® HC
<b>Sil-Fact®</b> Organosilicone Surf.	6 to 64 fl. ozs. / 100 gals.	<b>Sil-Fact</b> , a proprietary blend of organosilicone and non-ionic wetting agent, is especially effective in post-emergent, nonselective herbicide sprays.	Aircover™, Elite Marvel, Freeway®, Kinetic®, Matrixx, Speed™, Sur-Plus®, Trio, Widespread® Max
<b>Sil-MES® 100</b> MSO-Silicone	3 to 5 pts. / 100 gals.	<b>Sil-MES 100</b> is a proprietary blend of organosilicone, non-ionic surfactants, highly refined methylated seed oil.	Airforce®, Dyne-Amic®, Elite Supreme, Faststrike®, Phase®, Rivet®, Spectrum, Syl-Tac®
<b>Vegetoil™</b> Soybean Oil	2 qts. / ac.	<b>Vegetoil</b> is a superior formulation containing vegetable oil with an emulsifier system designed to give maximum field performance when applied with pesticides.	Amigo®, Prime Oil® EV, Soil Oil Spray Concentrate, Vegetable Oil Concentrate



**Drexel**

**Drexel Chemical Company**

Call 901.774.4370 or visit DrexChem.com  
to contact your regional sales representative.



\* RESTRICTED USE PESTICIDE.

\*\* Organic Product OMRI listed.

† This product may only be applied as a post-emergent to Glyphosate tolerant crops.

BEANOIL, BEAU-RON, DYNAPHITE, HOLZIT, HOT MES, LOX, PAS-800, PEPTOIL, PINENE, PRIMARY, SIL-FACT, SIL-MES, VEGETOIL, X and the DREXEL logo are either trademarks or registered trademarks of Drexel Chemical Company. All other brand names, product names or trademarks belong to their respective holders. Always read and follow label instructions on the product container(s) before using. For more information about Drexel products, visit DrexChem.com.