

Peanut Aerial Applicator's Guide

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

FUNGICIDES

Product	Active Ingredient	Application Rates	Compared To	PHI	REI
Chlorothalonil 720	Chlorothalonil 54.00%	1.5 to 2.25 pts. / ac.	Bravo Weather Stik®	14 days	12 hours
Phiticide™	Mono and dibasic sodium, potassium and ammonium phosphites 56.20%	1 to 4 pts. / ac.	Phostrol®, ProPhyt®, Resist 57™	n/a	4 hours
Suffa®	Sulfur, Elemental 52.00%	0.5 to 2.0 gals. / ac.	Flowable Sulfur	n/a	24 hours
Sulfur 80 WDG**	Sulfur 80.00%	3 to 8 lbs. / ac.	Wettable and Dust Sulfur	n/a	24 hours
Sulfur 90W	Sulfur, Elemental 90.00%	3 to 8 lbs. / ac.	Golden-Dew®, Microspense™	n/a	24 hours

HERBICIDES

Product	Active Ingredient	Application Rates	Compared To	REI
2,4-DB DMA 175	2,4-D Butyric Acid, DMA salt 23.00%	0.9 to 1 pt. / ac.	Butyrac® 175	48 hours
2,4-DB DMA 200	2,4-D Butyric Acid, DMA salt 26.10%	0.7 to 0.9 pt. / ac.	Butyrac® 200	48 hours
AquaPen™ 3.8	Pendimethalin 38.70%	0.75 to 1.5 qts. / ac.	Prowl® H ₂ O	24 hours
Duplicator® 6	Glyphosate, DA salt 49.60%	22 fl. ozs. / ac.	Roundup Ultra®	4 hours
Imitator® DA	Glyphosate, DA salt 34.00%	1 qt. / ac.	Touchdown®	4 hours
Imitator® Plus	Glyphosate, IPA salt 41.00%	1 qt. / ac.	Roundup Ultra®	4 hours
Me-Too-Lachlor™ II	Metolachlor 84.40%	0.85 to 2 pts. / ac.	Dual II Magnum®	24 hours
PIN-DEE™ 3.3 EC	Pendimethalin 37.40%	0.9 to 2.4 qts. / ac.	Prowl® 3.3 EC	24 hours
Trifluralin 4EC	Trifluralin 44.50%	1 to 2.5 pts. / ac.	Treflan® H.F.P.	12 hours

INSECTICIDE

Product	Active Ingredient	Application Rates	Compared To	PHI	REI
Carbaryl 4L	Carbaryl 43.40%	1.5 qts. / ac.	Sevin® XLR	2 to 14 days	12 hours
Chlorpyrifos 15G	Chlorpyrifos 15.00%	8 ozs. / 1000 ft.	Lorsban® 15G, Pilot™ 15G	28 days	24 hours
Chlorpyrifos 4E-AG*	Chlorpyrifos 44.90%	0.5 to 2 pts. / ac.	Lorsban® Advanced, Pilot™ 4E	28 days	24 hours
Damoil™	Mineral Oil 98.00%	1 to 2 gals. / 100 gals.	JMS Stylet Oil®, Purespray™ Green, Tritex™	n/a	4 hours
L-C Insecticide*	Lambda-cyhalothrin 12.60%	1.92 to 3.84 fl. ozs. / ac.	Cavalry™, Demand® EZ, Grizzly® Z, Karate®, Silencer®	30 days	24 hours

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%
X® 25-0-0	Nitrogen 25.00%	1 to 3 gals. / ac.	Other 25-0-0 Slow Release Fertilizers
X® 25-0-0 Plus 0.5% B	Nitrogen 25.00% Boron 00.50%	1 to 3 gals. / ac.	Other 25-0-0 + 0.5% B Slow Release Fertilizers
X® 28-0-0	Nitrogen 28.00%	2 to 3 gals. / ac.	Other 28-0-0 Slow Release Fertilizers



* RESTRICTED USE PESTICIDE.

** Organic Product OMRI listed.

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ADJUVANT / SURFACTANTS

Product	Use Rate	Features	Compared To
AMS-All™ AMS	1 to 5 gals. / 100 gals.	AMS-All is a unique micro-homogenized, easy-to-use conditioning blend of Ammonium sulfate, defoaming agent, drift reduction solution and surfactant for use with pesticides negatively affected by hard water cations.	AMS Premium Blend™, Bronc Triple®, Class Act®, Pro-One XL™
AMS-Supreme™ AMS	2.5 gals. / 100 gals.	AMS-Supreme is a unique micro-homogenized, easy-to-use conditioning blend of AMS, defoaming agents and deposition aid polymers for use with translocating herbicide performance.	Amaze Gold®, AMS Plus, Amsol® Plus, Arrow Four®, Border™ Max, Guardian Plus®, Kicker®, Vermiax™AMS
BeanOil® Crop Oil Concentrate	0.5 to 1 pt. / ac.	BeanOil 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®
Holzit® General Use Adjuvant	9 lbs. / 100 gals.	Holzit 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®
Hot MES™ MSO Surfactant	0.5 to 1 pt. / ac.	Hot MES 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
LOX® Drift Control	4 to 8 fl. ozs. / ac.	LOX is an effective, easy-to-use drift control agent for improving deposition and retarding mist and drift in spraying operations.	In-Place®, Placement®
MES-100™ MSO	1 to 10 pts. / ac.	MES-100 is a multi-component spray adjuvant formulated from 100% Methylated Seed Oil, developed to maximize the performance of most post-emergent herbicides.	FS MSO Ultra™, Invade™, MSO® Concentrate, Persist® Ultra, Succeed®
PAS-800™ Penetrant / Acidifier / Surf.	0.25 to 4 pts. / 100 gals.	PAS-800 can be used as a non-ionic surfactant, penetrant or acidifier.	Ad-Buffer™, CNI 800™, Elite Divine, Level 7®, LI 700®, Penetrator® Plus, Vader®
Peptoil® Crop Oil Concentrate	8 fl. ozs. to 4 pts. / ac.	Peptoil 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
Pinene™ II Extender and Sticker	See label	Pinene II 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®
Primary™ 60 / 40 Crop Oil Concentrate	1 to 4 pts. / ac.	Primary 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
Sil-Fact® Organosilicone Surf.	6 to 64 fl. ozs. / 100 gals.	Sil-Fact , 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
Sil-MES® 100 MSO-Silicone	3 to 5 pts. / 100 gals.	Sil-MES 100 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®
Vegetoil™ Soybean Oil	2 qts. / ac.	Vegetoil 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 Chemical Company

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