

Sustainable Product Guide

- Crop Nutrition
- Pest and Disease Control
- Adjuvants



GROWING THE EXTRA MILE

With our budding line of sustainable products

BRANDT is a leading manufacturer and supplier of specialty inputs for the agriculture, turf and ornamental, and lawn and garden markets. The company has been at the forefront of sustainable solutions for agriculture since the 1970's and currently offers over 80 OMRI Listed products - one of the largest sustainable product portfolios on the market today.

All products in this guide are OMRI Listed for organic use, unless otherwise noted.



Organic Answers For Tough Water Questions

BRANDT[®]

Adjuvants

BRANDT Organics Ag Aide

Non-ionic surfactant that contains 100% *Yucca schidigera* extract. Enhances the activity of pesticides and foliar nutrients. Foliar applications provide rapid wetting and improve absorption. Soil applications increase water penetration and wetting of hydrophobic soils.

BRANDT Organics Defoamer

Premium silicone based anti-foaming agent. Prevents and treats foam in the tank mix.

BRANDT Organics SKH Sticker

Premium dry sticker. Enhances the effectiveness of pesticides and fertilizers. Helps the spray application adhere to the target and resist rain/irrigation wash-off.

BRANDT Super Wetter

Highly effective non-ionic surfactant/penetrant. Contains 100% organo-modified siloxane, which may be used with spray oils and EC formulations. Reduces spray application surface tension to allow better coverage, wetting and faster absorption.

BRANDT 719 Spreader

Proprietary non-ionic surfactant/wetting agent that contains trisiloxane alkoxylate. Improves pesticide spray coverage and uptake. Prevents evaporation and runoff that can occur with traditional organosilicone agents. May be used at a lower rate than conventional non-ionic surfactants.

Constant BUpH-er[™]

Sustainable pH buffer that contains citric acid and vinegar. Lowers water pH while minimizing the potential for damage to equipment. May be used with foliar nutrients and crop protection products.

BRANDT Crop White II *CDFA OIM*

Protects fruit, nuts and foliage of a variety of crops from sunburn.



Ironically, Our Organic Product Line Is Growing Like A Weed



Disease Management

BRANDT Organics Aleo®

Broad spectrum contact bactericide/fungicide. Zero REI/ PHI. Controls bacterial pests including: *Pseudomonas spp.*, *Xanthomonas spp.*, *Ralstonia spp.*, and *Erwinia amylovora*. Suppresses fungal diseases caused by: *Venturia inequalis*, *Rhizoctonia solani*, *Botrytis cinerea*, *Phytophthora infestans*, *Cladosporium cucumerinum*, *Sclerotinia sclerotiorum*, *Pythium irregulare*, *Alternaria dauci*, *Fusarium graminearum*, *Blumeria graminis* and *Plasmopara viticola*.

BRANDT Lime Sulfur

Dry soluble fungicide controls powdery mildew, blight, scale, anthracnose and more. Penetrates fungal spores and prevents ascospores from germinating.

Copper Sulfate Crystals

Dry soluble fungicide controls algae, blight, brown rot, canker, leaf curl, leaf spot, powdery mildew and more. Various crystal sizes available.

Kaligreen®

Industry leading contact fungicide for powdery mildew. Water soluble formulation contains micro-encapsulated potassium bicarbonate.

Nordox® 75 WG

Water soluble fungicide that contains 75% metallic copper equivalent. Controls a variety of diseases on tree and vine crops, including citrus. Formulation sticks to the target site, even during periods of heavy rain. Dust free formulation mixes easily and stays suspended.

Nordox 30/30 WG

Water soluble fungicide that contains 30% metallic copper/30% metallic zinc equivalent. Controls a variety of diseases on tree and vine crops, including citrus. Formulation sticks to the target site, even during periods of heavy rain. Dust free formulation mixes easily and stays suspended.

Insect Management

Biomite™

Unique miticide that controls *Eotetranychus spp.*, *Tetranychus spp.* and *Panonychus spp.* mites, including two-spotted mites, pacific mite, Willamette mite, citrus rust mite, broad mite and the European red mite. Mode of action inhibits resistance, making it ideal for use in IPM. May be used on apples, cucurbits, grapes, hops, nuts, pears, stone fruit, nursery and ornamentals.

BRANDT Ecotec® Plus

Broad spectrum insecticide/miticide formulated with a proprietary combination of essential oils. Mode of action blocks octopamine neuroreceptors on insects and mites. Zero REI/PHI.

Celite® 610

Mechanical insecticide that contains 100% diatomaceous earth. Controls Lepidoptera larvae, ants, beetles, white flies, psyllids, thrips, and other crawling insects. Excellent option for IPM. Insects will not build up resistance.

Pest and Disease Combination Products

TriTek®

Broad spectrum 3-in-1 fungicide/insecticide/miticide. Formulated with highly refined, emulsified paraffin oil that stays suspended in the spray tank. Coats leaves evenly and gets deep into canopy to smother and kill pests and disease.

Drexel® Sulfur 80 WDG

Water soluble sulfur fungicide/insecticide/miticide. May be used on field crops, fruit and nut crops, ornamentals and turf, and vegetable crops.

These products may only be sold in states where registered or where registration is not required. For information regarding product availability in your area, please contact Brandt Consolidated, Inc.

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Nematode Management

BRANDT Nema-Q®

Water soluble nematicide that contains saponins of *Quillaja saponaria*. Controls plant parasitic nematodes on contact and by ingestion. May be used on vineyards, orchards, field crops, turf and ornamentals.

Rodent Management

Agrid 3® Bait Chunx®

Cholecalciferol rat and mouse bait. Kills norway rats, roof rats and house mice. All weather formula resists mold and moisture. May be used indoors or out.



Sustainable Growing, Superior Products

BRANDT Organics™

Liquid Lignosulfonate Complexed Nutrients

BRANDT Organics lignosulfonates provide a sustainable and economical alternative to synthetic chelates. Lignosulfonates have a small molecular size, which allows for efficient nutrient absorption and uptake.

BRANDT Organics Crop Mix

1.0% Mg | 4.0% S | 1.0% Fe | 1.0% Mn | 3.0% Zn

Derived from ferrous sulfate, magnesium sulfate, manganese sulfate and zinc sulfate; complexed with lignosulfonate

BRANDT Organics Desert Crop Mix

4.5% S | 2.0% Fe | 2.0% Mn | 4.0% Zn

Derived from ferrous sulfate, manganese sulfate and zinc sulfate, complexed with lignosulfonate

BRANDT Organics Hort Mix

1.0% Mg | 2.5% S | 0.35% B | 0.03% Co | 0.15% Cu
1.5% Fe | 0.45% Mn | 0.04% Mo | 0.5% Zn

Derived from magnesium sulfate, cobalt sulfate, copper sulfate, ferrous sulfate, manganese sulfate and zinc sulfate, complexed with lignosulfonate; sodium borate and sodium molybdate

BRANDT Organics Tree & Vine Mix

2.5% S | 0.5% B | 0.2% Cu | 1.5% Fe | 0.5% Mn | 2.5% Zn

Derived from copper sulfate, ferrous sulfate, manganese sulfate and zinc sulfate, complexed with lignosulfonate; and sodium borate

BRANDT Organics 3% B

3.0% B

Derived from sodium borate, complexed with lignosulfonate

BRANDT Organics 5% Cu

2.5% S | 5.0% Cu

Derived from copper sulfate, complexed with lignosulfonate

BRANDT Organics 5% Fe

3.0% S | 5.0% Fe

Derived from ferrous sulfate, complexed with lignosulfonate

BRANDT Organics 4% Mg

4.0% Mg | 5.0% S

Derived from magnesium sulfate, complexed with lignosulfonate

BRANDT Organics 7% Mn

4.0% S | 0.4% Fe | 7.0% Mn

Derived from ferrous sulfate and manganese sulfate, complexed with lignosulfonate

BRANDT Organics 7% Zn

3.5% S | 7.0% Zn

Derived from zinc sulfate, complexed with lignosulfonate

BRANDT Organics 10% Zn

5.0% S | 10.0% Zn

Derived from zinc sulfate, complexed with lignosulfonate

BRANDT Organiplex™

Liquid Amino Acid Complexed Nutrients

BRANDT Organiplex amino acid complexed nutrients provide sustainable, highly efficient nutrients. Amino acids are essential to plant development and play a key role in plant response to stress.

BRANDT Organiplex 8% Ca

8.0% Ca

Derived from calcium amino acid complex

BRANDT Organiplex Micro Mix

2.0% Fe | 2.0% Mn | 2.0% Zn

Derived from iron amino acid complex, manganese amino acid complex, and zinc amino acid complex

BRANDT Organiplex 4% Mn

4.0% Mn | 0.25% B

Derived from manganese amino acid complex, sodium borate

BRANDT Organiplex 3% Mg

3.0% Mg | 0.25% B

Derived from magnesium amino acid complex, sodium borate

BRANDT Organiplex 6% Zn

6.0% Zn

Derived from zinc amino acid complex

Dry Inorganic Nutrients

BRANDT Boric Acid

17.0% B

Derived from boric acid

Fertibor®

15.0% B

Derived from sodium borate

Granubor® 2

14.3% B

Derived from sodium borate

Copper Sulfate Crystals

25.0% Cu

Derived from copper sulfate pentahydrate

BRANDT Ferrous Sulfate - Crystal

11.0% S 20.0% Fe

Derived from ferrous sulfate heptahydrate

BRANDT Ferrous Sulfate - Fine Granular

18.3% S 30.0% Fe

Derived from ferrous sulfate monohydrate

BRANDT Ferrous Sulfate - Coarse Granular

18.3% S 30.0% Fe

Derived from ferrous sulfate monohydrate

Tiger Micronutrients® Iron 22%

55.0% S 22.0% Fe

Derived from ferrous sulfate

BRANDT Magnesium Sulfate - Crystal

9.8% Mg 12.9% S

Derived from magnesium sulfate heptahydrate

BRANDT Magnesium Sulfate - Granular

14.0% Mg 15.0% S

Derived from magnesium sulfate monohydrate

MagnaGrow®

9.8% Mg 12.9% S

Derived from magnesium sulfate heptahydrate

Magriculture® Magnesium Sulfate Heptahydrate

9.8% Mg 12.9% S

Derived from magnesium sulfate heptahydrate

BRANDT Manganese Sulfate - Powder

18.0% S 31.0% Mn

Derived from manganese sulfate

BRANDT Manganese Sulfate - Granular

18.0% S 31.0% Mn

Derived from manganese sulfate

Optibor® TG

17.5% B

Derived from boric acid

Maximo 360

17.5% S 35.5% Zn

Derived from zinc sulfate

Maximo 362

17.5% S 35.5% Zn

Derived from zinc sulfate

Solubor®

20.5% B

Derived from sodium borate

Tiger 90CR® Organic Sulfur

90.0% S

Derived from elemental sulfur

Tiger-Sul Elemental Sulfur Pastille

99.5% S

Derived from elemental sulfur

BRANDT Zinc Sulfate - Powder

17.5% S 35.5% Zn

Derived from zinc sulfate

Humic Acids

BRANDT Leonardite - Coarse Granular

50.0% Humic Acid

Derived from leonardite ore

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