Agro-K Corporation
8030 Main Street, N.E.
Minneapolis, MN 55432-1844 U.S.A.
(800) 328-2418 • (763) 780-4116
www.agro-k.com

Item# 507

Cal-Mag D.L.®

Information regarding the contents and levels of metals in this product is available on the internet at http://www.aapfco.org/metals.htm.

Science-Driven Nutrition℠

Directions for Commercial Use:

Foliar: Apply 1 to 4 quarts per acre with sufficient water for thorough coverage. For best results, spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is above 85°F. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops. Ground: Apply 2 to 6 quarts per acre. Ground application can be via conventional ground sprayer or metered through irrigation. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

Guaranteed Analysis:

Calcium (Ca) 5.0%
Magnesium (Mg) 0.20%

Derived from
Calcium Carbonate, Magnesium Carbonate

Net Wgt. 25 lbs /2.5 gal
Net Wgt. 11.34 kg /9.46 L

AGRO·K®

Warranty

1.-The manufacturer guarantees and warrants that the content and the total net weight are as stated within lawful limits.

2.-Liability of Agro-K Corporation under this warranty or otherwise shall be limited to refund of the purchase price and such refund is expressly agreed by the buyer to be the exclusive remedy.

Agro-K Corporation makes no other expressed or implied guarantee, warranty or representation, including warranties of merchantability and fitness for a purpose. Agro-K Corporation shall not be liable for direct consequential or incidental damages. No modifications of this warranty and the disclaimers herein are authorized or valid unless expressed in writing and signed by Agro-K Corporation.

SHAKE WELL BEFORE USE

WARNING
KEEP OUT OF REACH OF CHILDREN

AGRO·K®

FERTILIZER TECH SHEET

Cal-Mag D.L.®

Science-Driven Nutrition℠

THE DEXTRO-LAC® ADVANTAGE

Agro-K's Cal-Mag Dextro-Lac®, a foliar micronutrient, is derived from calcium carbonate and magnesium carbonate. A series of proprietary manufacturing processes are used to separate the calcium and magnesium from their carbonate molecules and link them to polysaccharide molecules creating a nutrient product linked to a sugar base. The term Dextro-Lac® is used to convey the process and resulting product.

The Dextro-Lac® process creates a foliar calcium-magnesium product that can quickly penetrate plant tissue - leaves, buds, fruit skin and bark. Nutrient uptake happens directly through the cell walls. Once inside the cell, the calcium and magnesium polysaccharide molecules are easily metabolized and mobilized by the plant system.

Guaranteed Analysis

Calcium (Ca) 5.0%
Magnesium (Mg) 0.20%

Derived From

Calcium Carbonate, Magnesium Carbonate

Availability

1, 2.5, 5, 55 and 250 gallon
10, 20 and 200 liter

Directions For Use

Foliar: Apply 1 to 4 quarts per acre (2.5 to 10 liters per hectare) with sufficient water for thorough coverage. For best results, spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is above 85° F/30° C. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops. Ground: Apply 2 to 6 quarts per acre (5 to 15 liters per hectare). Ground application can be via conventional ground sprayer or metered through irrigation. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

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FERTILIZER TECH SHEET

Suggested Uses

Tomatoes, Peppers, Cucumbers

Apply 2 to 4 quarts per acre (5 to 10 liters/hectare) per application. Apply the first application 7 days after transplanting, thinning or at second true leaf stage. Apply subsequent applications at 14 day intervals as needed to correct deficiencies or supplement nutritional requirements.

Lettuce, Spinach and Other Leafy Vegetables as well as Broccoli, Cauliflower and Other Brassica Varieties

Apply 2 to 4 quarts per acre (5 to 10 liters/hectare) per application. Apply the first application 7 days after transplanting, thinning, or at second true leaf stage. Apply one or two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Corn, Beans and Peas

Apply 2 to 4 quarts per acre (5 to 10 liters/hectare) per application. Apply the first application at the fourth to fifth leaf. Apply one to two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Strawberries

Apply 2 to 4 quarts per acre (5 to 10 liters/hectare) per application. Apply the first application 7-10 days after transplanting. Reapply at 7-14 day intervals or as needed to supplement nutritional requirements.

Potatoes, Onions and Other Vegetable Root, Bulb or Tuber Crops

Apply 2 to 4 quarts per acre (5 to 10 liters/hectare) per application. Apply the first application 2-3 weeks post emergence. Apply one to two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Almonds, Walnuts and Other Nut Crops

Apply 2 to 4 quarts per acre (5 to 10 liters/hectare) per application. Apply first application at bud break. Apply subsequent applications at petal fall and nut fill or as needed to supplement nutritional requirements.

Plums, Peaches, Cherries and Other Stone Fruits

Apply 2 to 4 quarts per acre (5 to 10 liters/hectare) per application. Apply first application at green tip on plums and at pink bud on nectarines and other stone fruit. Apply subsequent applications at 30 day intervals up to pit hardening or as needed to supplement nutritional requirements.

Apples, Pears and Other Pome Fruits

Apply 2 to 4 pints per acre (2 to 5 liters/hectare) per application. Apply first application at green tip or bud break. Apply subsequent applications at petal fall and post thinning as needed to supplement nutritional requirements.

Citrus and Avocados

Apply 2 to 4 quarts per acre (5 to 10 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at 30 day intervals up to harvest or as needed to supplement nutritional requirements.

Grapes

Apply 2 to 4 quarts per acre (5 to 10 liters/hectare) per application. Apply first application two weeks prior to bloom. Apply subsequent applications as needed and determined by leaf analysis.

Raspberries, Blackberries and Other Caneberries

Apply 2 to 4 quarts per acre (5 to 10 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at 7-14 day intervals as needed to supplement nutritional requirements.

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Item# 511

Copper Dextro-Lac®

Information regarding the contents and levels of metals in this product is available on the internet at http://www.aapfco.org/metals.htm.

Science-Driven Nutrition℠

Directions for Commercial Use:

Copper Dextro-Lac is intended for foliar use. Apply 6 -16 oz/ acre with sufficient water for thorough coverage. For best results, spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is above 85°F. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

Guaranteed Analysis:

Copper (Cu) 5.0%

Derived from
Copper Sulfate

Net Wgt. 22.5 lbs. /2.5 gal
Net Wgt. 10.23 kg / 9.46 L

AGRO·K®

Warranty

1.-The manufacturer guarantees and warrants that the content and the total net weight are as stated within lawful limits.

2.-Liability of Agro-K Corporation under this warranty or otherwise shall be limited to refund of the purchase price and such refund is expressly agreed by the buyer to be the exclusive remedy.

Agro-K Corporation makes no other expressed or implied guarantee, warranty or representation, including warranties of merchantability and fitness for a purpose. Agro-K Corporation shall not be liable for direct consequential or incidental damages. No modifications of this warranty and the disclaimers herein are authorized or valid unless expressed in writing and signed by Agro-K Corporation.

SHAKE WELL BEFORE USE

WARNING
KEEP OUT OF REACH OF CHILDREN

AGRO·K®

FERTILIZER TECH SHEET

Copper Dextro-Lac®

Science-Driven Nutrition℠

THE DEXTRO-LAC® ADVANTAGE

Agro-K's Copper Dextro-Lac®, a foliar micronutrient, is derived from copper sulfate. A series of proprietary manufacturing processes are used to separate the copper from the sulfate molecule and link it to a polysaccharide molecule creating a nutrient product linked to a sugar base. The term Dextro-Lac® is used to convey the process and resulting product.

The Dextro-Lac® process creates a foliar copper product that can quickly penetrate plant tissue - leaves, buds, fruit skin and bark. Nutrient uptake happens directly through the cell walls. Once inside the cell, the copper polysaccharide molecule is easily metabolized and mobilized by the plant system.

Guaranteed Analysis

Copper (Cu) 5.0%

Derived From

Copper Sulfate

Availability

1, 2.5, 5, 55 and 250 gallon
10, 20 and 200 liter

Directions For Use

Copper Dextro-Lac is intended for foliar use. Apply 6 - 16 oz/acre (500ml - 1 liter/hectare) with sufficient water for thorough coverage. For best results, spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is above 85° F/30° C. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

FOLIAR MICRONUTRIENTS

AGRO-K®

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Toll Free: 800-328-2418 **Fax: 763-780-4316** www.agro-k.com info@agro-k.com

FERTILIZER TECH SHEET

Suggested Uses

WARNING

This product contains copper, which can be phyto-toxic to all plants. **DO NOT:**

- *use this product at rates higher than recommended.*
- *mix this product with spray oils, adjuvants, spreaders, stickers, penetrants or other products designed to improve surface coverage and nutrient uptake.*
- *use this product in greenhouses, plastic tunnels or other covered cropping system*

Tomatoes, Peppers, Cucumbers

Apply 1/2 to 1 pint per acre (500 to 1,000 ml/hectare) per application. Apply subsequent applications at 14 day intervals as needed to correct deficiencies or supplement nutritional requirements.

Lettuce, Spinach and Other Leafy Vegetables as well as Broccoli, Cauliflower and Other Brassica Varieties

Apply 4 to 8 oz. acre (200 to 500 ml/ hectare) per application.

Corn, Beans and Peas

Apply 1/2 to 1 pint per acre (500 to 1,000 ml/hectare) per application. Reapply at 14 day intervals as needed to supplement nutritional requirements.

Strawberries

Apply 1/2 to 1 pint per acre (500 to 1,000 ml/hectare) per application. Reapply at 14 day intervals as needed to supplement nutritional requirements.

Potatoes, Onions and Other Vegetable Root, Bulb or Tuber Crops

Apply 1/2 to 1 pint per acre (500 to 1,000 ml/hectare) per application. Reapply at 14 day intervals as needed to supplement nutritional requirements.

Almonds, Walnuts and Other Nut Crops

Apply 1/2 to 1 pint per acre (500 to 1,000 ml/hectare). Apply prior during dormancy – prior to budbreak.

Plums, Peaches, Cherries and Other Stone Fruits

Do not use on stone fruits.

Apples, Pears and Other Pome Fruits

Apply 1/2 to 1 pint per acre (500 to 1,000 ml/hectare) per application. Do not apply at or post bloom.

Citrus and Avocados

Apply 1/2 to 1 pint per acre (500 to 1,000 ml/hectare) per application. Reapply at 14 day intervals as needed to supplement nutritional requirements.

Grapes

Apply 4 to 16 oz. per acre (200 to 1,000 ml/hectare) per application. Reapply at 14 day intervals as needed to supplement nutritional requirements.

Raspberries, Blackberries and Other Caneberries

Apply 1/2 to 1 pint per acre (500 to 1,000 ml/hectare) per application. Reapply at 14 day intervals as needed to supplement nutritional requirements.

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Item# 526

Iron Dextro-Lac®

Information regarding the contents and levels of metals in this product is available on the internet at http://www.aapfco.org/metals.htm.

Science-Driven Nutrition℠

Directions for Commercial Use:

Iron Dextro-Lac is intended for foliar use. Apply 1 to 4 quarts per acre (2.5 to 10 liters per hectare) with sufficient water for thorough coverage. For best results, spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is 85°F/30°C. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

Guaranteed Analysis:
Iron (Fe) 5.0%

Derived from
Iron Carbonate

Net Wgt. 25 lbs. /2.5 gal
Net Wgt. 11.34kg /9.46L

AGRO·K®

Warranty

1.-The manufacturer guarantees and warrants that the content and the total net weight are as stated within lawful limits.

2.-Liability of Agro-K Corporation under this warranty or otherwise shall be limited to refund of the purchase price and such refund is expressly agreed by the buyer to be the exclusive remedy.

Agro-K Corporation makes no other expressed or implied guarantee, warranty or representation, including warranties of merchantability and fitness for a purpose. Agro-K Corporation shall not be liable for direct consequential or incidental damages. No modifications of this warranty and the disclaimers herein are authorized or valid unless expressed in writing and signed by Agro-K Corporation.

SHAKE WELL BEFORE USE

WARNING
KEEP OUT OF REACH OF CHILDREN

AGRO·K®

FERTILIZER TECH SHEET

Iron Dextro-Lac®

Science-Driven Nutrition℠

THE DEXTRO-LAC® ADVANTAGE

Agro-K's Iron Dextro-Lac®, a foliar micronutrient, is derived from iron carbonate. A series of proprietary manufacturing processes are used to separate the iron from the carbonate molecule and link it to a polysaccharide molecule creating a nutrient product linked to a sugar base. The term Dextro-Lac® is used to convey the process and resulting product.

The Dextro-Lac® process creates a foliar iron product that can quickly penetrate plant tissue – leaves, buds, fruit skin and bark. Nutrient uptake happens directly through the cell walls. Once inside the cell, the iron polysaccharide molecule is easily metabolized and mobilized by the plant system.

Guaranteed Analysis

Iron (Fe) 5.0%

Derived From

Iron Carbonate

Availability

1, 2.5, 5, 55 and 250 gallon
10, 20 and 200 liter

Directions For Use

Iron Dextro-Lac is intended for foliar use. Apply 1 to 4 pints per acre (1.2 to 4.8 liters per hectare) with sufficient water for thorough coverage. For best results, spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is 85°F/30°C. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

FOLIAR NUTRIENTS

AGRO-K®

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FERTILIZER TECH SHEET

Suggested Uses

Tomatoes, Peppers, Cucumbers

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply the first application 7 days after transplanting, thinning or at second true leaf stage. Apply subsequent applications at 14 day intervals as needed to correct deficiencies or supplement nutritional requirements.

Lettuce, Spinach and Other Leafy Vegetables as well as Broccoli, Cauliflower and Other Brassica Varieties

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply the first application 7 days after transplanting, thinning, or at second true leaf stage. Apply one or two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Corn, Beans and Peas

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. A first application can be ground applied with starter fertilizers if carefully mixed in a dilute solution (contact Agro-K for more information). Otherwise, apply the first application at the second or third leaf. Apply one to two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Strawberries

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply the first application 7-10 days after transplanting. Reapply at 7-14 day intervals or as needed to supplement nutritional requirements.

Potatoes, Onions and Other Vegetable Root, Bulb or Tuber Crops

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply the first application 2-3 weeks post emergence. Apply one to two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Almonds, Walnuts and Other Nut Crops

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply first application at bud break. Apply subsequent applications at petal fall and nut fill or as needed to supplement nutritional requirements.

Plums, Peaches, Cherries and Other Stone Fruits

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply first application at green tip on plums and at pink bud on nectarines and other stone fruit. Apply subsequent applications at 30 day intervals up to pit hardening or as needed to supplement nutritional requirements.

Apples, Pears and Other Pome Fruits

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply first application at green tip or bud break. Apply subsequent applications at petal fall and post thinning as needed to supplement nutritional requirements.

Citrus and Avocados

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at 30 day intervals up to harvest or as needed to supplement nutritional requirements.

Grapes

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply first application two weeks prior to bloom. Apply subsequent applications as needed and determined by leaf analysis.

Raspberries, Blackberries and Other Caneberries

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at 7-14 day intervals as needed to supplement nutritional requirements.

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Item# 535

Magnesium Dextro-Lac®

Information regarding the contents and levels of metals in this product is available on the internet at http://www.aapfco.org/metals.htm.

Science-Driven Nutrition℠

Directions for Commercial Use:

Foliar: Apply 1 to 4 quarts per acre (2.5 to 10 liters per hectare) with sufficient water for thorough coverage. For best results, spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is above 85° F/30° C. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops. Ground: Apply 2 to 4 quarts per acre (5 to 10 liters per hectare). Ground application can be via conventional ground sprayer or metered through irrigation. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

Guaranteed Analysis:

Magnesium (Mg) 3.0%

Derived from
Magnesium Carbonate

Net Wgt. 25 lbs. / 2.5 gal
Net Wgt. 11.34kg / 9.46L

AGRO·K®

Warranty

1.-The manufacturer guarantees and warrants that the content and the total net weight are as stated within lawful limits.

2.-Liability of Agro-K Corporation under this warranty or otherwise shall be limited to refund of the purchase price and such refund is expressly agreed by the buyer to be the exclusive remedy.

Agro-K Corporation makes no other expressed or implied guarantee, warranty or representation, including warranties of merchantability and fitness for a purpose. Agro-K Corporation shall not be liable for direct consequential or incidental damages. No modifications of this warranty and the disclaimers herein are authorized or valid unless expressed in writing and signed by Agro-K Corporation.

SHAKE WELL BEFORE USE

WARNING
KEEP OUT OF REACH OF CHILDREN

AGRO·K®

FERTILIZER TECH SHEET

Magnesium Dextro-Lac®

Science-Driven Nutrition℠

THE DEXTRO-LAC® ADVANTAGE

Agro-K's Magnesium Dextro-Lac®, a foliar micronutrient, is derived from magnesium carbonate. A series of proprietary manufacturing processes are used to separate the magnesium from the carbonate molecule and link it to a polysaccharide molecule creating a nutrient product linked to a sugar base. The term Dextro-Lac® is used to convey the process and resulting product.

The Dextro-Lac® process creates a foliar magnesium product that can quickly penetrate plant tissue – leaves, buds, fruit skin and bark. Nutrient uptake happens directly through the cell walls. Once inside the cell, the magnesium polysaccharide molecule is easily metabolized and mobilized by the plant system.

Guaranteed Analysis

Magnesium (Mg) 3.0%

Derived From

Magnesium Carbonate

Availability

1, 2.5, 5, 55 and 250 gallon
10, 20 and 200 liter

Directions For Use

Foliar: Apply 1 to 2 quarts per acre (2.5 to 5 liters per hectare) with sufficient water for thorough coverage. For best results, spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is above 85° F/30° C. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops. Ground: Apply 2 to 4 quarts per acre (5 to 10 liters per hectare). Ground application can be via conventional ground sprayer or metered through irrigation. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

FOLIAR NUTRIENTS

AGRO-K®

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FERTILIZER TECH SHEET

Suggested Uses

Tomatoes, Peppers, Cucumbers

Apply 2 to 4 pints per acre (2 to 5 liters/hectare) per application. Apply the first application 7 days after transplanting, thinning or at second true leaf stage. Apply subsequent applications at 14 day intervals as needed to correct deficiencies or supplement nutritional requirements.

Lettuce, Spinach and Other Leafy Vegetables as well as Broccoli, Cauliflower and Other Brassica Varieties

Apply 2 to 4 pints per acre (2 to 5 liters/hectare) per application. Apply the first application 7 days after transplanting, thinning, or at second true leaf stage. Apply one or two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Corn, Beans and Peas

Apply 2 to 4 pints per acre (2 to 5 liters/hectare) per application. A first application can be ground applied with starter fertilizers if carefully mixed in a dilute solution (contact Agro-K for more information). Otherwise, apply the first application at the fourth to fifth leaf. Apply one to two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Strawberries

Apply 2 to 4 pints per acre (2 to 5 liters/hectare) per application. Apply the first application 7-10 days after transplanting. Reapply at 7-14 day intervals or as needed to supplement nutritional requirements.

Potatoes, Onions and Other Vegetable Root, Bulb or Tuber Crops

Apply 2 to 4 pints per acre (2 to 5 liters/hectare) per application. Apply the first application 2-3 weeks post emergence. Apply one to two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Almonds, Walnuts and Other Nut Crops

Apply 2 to 4 pints per acre (2 to 5 liters/hectare) per application. Apply first application at bud break. Apply subsequent applications at petal fall and nut fill or as needed to supplement nutritional requirements.

Plums, Peaches, Cherries and Other Stone Fruits

Apply 2 to 4 pints per acre (2 to 5 liters/hectare) per application. Apply first application at green tip on plums and at pink bud on nectarines and other stone fruit. Apply subsequent applications at 30 day intervals up to pit hardening or as needed to supplement nutritional requirements.

Apples, Pears and Other Pome Fruits

Apply 2 to 4 pints per acre (2 to 5 liters/hectare) per application. Apply first application at green tip or bud break. Apply subsequent applications at petal fall and post thinning as needed to supplement nutritional requirements.

Citrus and Avocados

Apply 2 to 4 pints per acre (2 to 5 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at 30 day intervals up to harvest or as needed to supplement nutritional requirements.

Grapes

Apply 2 to 4 pints per acre (2 to 5 liters/hectare) per application. Apply first application two weeks prior to bloom. Apply subsequent applications as needed and determined by leaf analysis.

Raspberries, Blackberries and Other Caneberries

Apply 2 to 4 pints per acre (2 to 5 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at 7-14 day intervals as needed to supplement nutritional requirements.

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Item# 536

Manganese Dextro-Lac®

Information regarding the contents and levels of metals in this product is available on the internet at http://www.aapfco.org/metals.htm.

Science-Driven Nutrition℠

Directions for Commercial Use:

Foliar: Apply 1 to 4 quarts per acre with sufficient water for thorough coverage. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops. For best results spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is above 85°F. Ground: Apply 2 to 4 quarts per acre. Ground application can be via conventional ground sprayer or metered through irrigation. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

Guaranteed Analysis:

Manganese (Mn) 5.0%

Water Soluble Manganese (Mn) 100%

Derived from
Manganese Carbonate

Net Wgt. 25 lbs. /2.5 gal
Net Wgt. 11.34kg /9.46L

AGRO·K®

Warranty

1.-The manufacturer guarantees and warrants that the content and the total net weight are as stated within lawful limits.

2.-Liability of Agro-K Corporation under this warranty or otherwise shall be limited to refund of the purchase price and such refund is expressly agreed by the buyer to be the exclusive remedy.

Agro-K Corporation makes no other expressed or implied guarantee, warranty or representation, including warranties of merchantability and fitness for a purpose. Agro-K Corporation shall not be liable for direct consequential or incidental damages. No modifications of this warranty and the disclaimers herein are authorized or valid unless expressed in writing and signed by Agro-K Corporation.

SHAKE WELL BEFORE USE

WARNING
KEEP OUT OF REACH OF CHILDREN

AGRO·K®

FERTILIZER TECH SHEET

Manganese Dextro-Lac®

Science-Driven Nutrition℠

THE DEXTRO-LAC® ADVANTAGE

Agro-K's Manganese Dextro-Lac®, a foliar micronutrient, is derived from manganese carbonate. A series of proprietary manufacturing processes are used to separate the manganese from the carbonate molecule and link it to a polysaccharide molecule creating a nutrient product linked to a sugar base. The term Dextro-Lac® is used to convey the process and resulting product.

The Dextro-Lac® process creates a foliar manganese product that can quickly penetrate plant tissue – leaves, buds, fruit skin and bark. Nutrient uptake happens directly through the cell walls. Once inside the cell, the manganese polysaccharide molecule is easily metabolized and mobilized by the plant system.

Guaranteed Analysis

Manganese (Mn) 5.0%

Derived From

Manganese Carbonate

Availability

1, 2.5, 5, 55 and 250 gallon
10, 20 and 200 liter

Directions For Use

Foliar: Apply 1 to 4 quarts per acre (2.5 to 10 liters per hectare) with sufficient water for thorough coverage. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops. For best results spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is above 85°F/30°C. Ground: Apply 2 to 4 quarts per acre (5 to 10 liters per hectare). Ground application can be via conventional ground sprayer or metered through irrigation. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

FOLIAR NUTRIENTS

AGRO-K®

Agro-K Corporation 8030 Main Street, NE Minneapolis, MN 55432 **Phone: 763-780-4116**
Toll Free: 800-328-2418 Fax: 763-780-4316 www.agro-k.com info@agro-k.com

FERTILIZER TECH SHEET

Suggested Uses

Tomatoes, Peppers, Cucumbers

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply the first application 7 days after transplanting, thinning or at second true leaf stage. Apply subsequent applications at 14 day intervals as needed to correct deficiencies or supplement nutritional requirements.

Lettuce, Spinach and Other Leafy Vegetables as well as Broccoli, Cauliflower and Other Brassica Varieties

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply the first application 7 days after transplanting, thinning, or at second true leaf stage. Apply one or two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Corn, Beans and Peas

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. A first application can be ground applied with starter fertilizers if carefully mixed in a dilute solution (contact Agro-K for more information). Otherwise, apply the first application at the second or third leaf. Apply one to two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Strawberries

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply the first application 7-10 days after transplanting. Reapply at 7-14 day intervals or as needed to supplement nutritional requirements.

Potatoes, Onions and Other Vegetable Root, Bulb or Tuber Crops

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply the first application 2-3 weeks post emergence. Apply one to two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Almonds, Walnuts and Other Nut Crops

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply first application at bud break. Apply subsequent applications at petal fall and nut fill or as needed to supplement nutritional requirements.

Plums, Peaches, Cherries and Other Stone Fruits

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply first application at green tip on plums and at pink bud on nectarines and other stone fruit. Apply subsequent applications at 30 day intervals up to pit hardening or as needed to supplement nutritional requirements.

Apples, Pears and Other Pome Fruits

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply first application at green tip or bud break. Apply subsequent applications at petal fall and post thinning as needed to supplement nutritional requirements.

Citrus and Avocados

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at 30 day intervals up to harvest or as needed to supplement nutritional requirements.

Grapes

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply first application two weeks prior to bloom. Apply subsequent applications as needed and determined by leaf analysis.

Raspberries, Blackberries and Other Caneberries

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at 7-14 day intervals as needed to supplement nutritional requirements.

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Item# 534

Micro-Mix D.L.®

Information regarding the contents and levels of metals in this product is available on the internet at http://www.aapfco.org/metals.htm.

Science-Driven Nutrition℠

Micro-Mix D.L. is designed for foliar use on all crops to prevent or correct micronutrient deficiencies. Proper nutrient management will help maximize crop quality and yield. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops.

Directions for Commercial Use:

Foliar: Apply 1 to 4 quarts per acre with sufficient water for thorough coverage. For best results spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is above 85°F. Ground: Apply 2 to 4 quarts per acre. Ground application can be via conventional ground sprayer or metered through irrigation. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

Mixing: Micro-Mix D.L. may be mixed with most fertilizers, insecticides and/or fungicides. A compatibility check is recommended. Check with your field representative for specific recommendations.

The application of fertilizing materials containing molybdenum (Mo) may result in forage crops containing levels of molybdenum (Mo) which are toxic to ruminant animals.

SHAKE WELL BEFORE USE

Guaranteed Analysis:

Magnesium (Mg)	**0.5%**
Copper (Cu)	**0.5%**
Iron (Fe)	**1.0%**
Manganese (Mn)	**2.0%**
Molybdenum (Mo)	**0.1%**
Zinc (Zn)	**2.0%**

Derived from
Copper Sulfate, Ferrous Sulfate, Magnesium Carbonate, Manganese Carbonate, Ammonium Molybdate, Zinc Carbonate

Net Wgt. 22.5 lbs. / 2.5 gal
Net Wgt. 10.2 kg / 9.46L

AGRO·K®

Warranty

1.-The manufacturer guarantees and warrants that the content and the total net weight are as stated within lawful limits.

2.-Liability of Agro-K Corporation under this warranty or otherwise shall be limited to refund of the purchase price and such refund is expressly agreed by the buyer to be the exclusive remedy.

Agro-K Corporation makes no other expressed or implied guarantee, warranty or representation, including warranties of merchantability and fitness for a purpose. Agro-K Corporation shall not be liable for direct consequential or incidental damages. No modifications of this warranty and the disclaimers herein are authorized or valid unless expressed in writing and signed by Agro-K Corporation.

WARNING
KEEP OUT OF REACH OF CHILDREN

The application of fertilizing materials containing molybdenum (Mo) may result in forage crops containing levels of molybdenum (Mo) which are toxic to ruminant animals.

AGRO·K®

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Item# 537

Multi-purpose Micronutrients

Information regarding the contents and levels of metals in this product is available on the internet at http://www.aapfco.org/metals.htm.

Science-Driven Nutrition℠

Directions for Commercial Use:

Foliar: Apply 1 to 3 quarts per acre with sufficient water for thorough coverage. For best results, spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is above 85°. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops. Ground: Apply 2 to 5 quarts per acre (5 to 12.5 liters per hectare). Ground application can be via conventional ground sprayer or metered through irrigation. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

This product contains boron and should be used only in accordance with directions. Improper use may result in injury to crops. Avoid freezing.

WARNING: The application of fertilizing materials containing molybdenum (Mo) may result in forage crops containing levels of molybdenum (Mo) which are toxic to ruminant animals.

Guaranteed Analysis:

Sulfur (S)	**2.60%**
Boron (B)	**0.32%**
Copper (Cu)	**0.16%**
Iron (Fe)	**1.00%**
Manganese (Mn)	**0.48%**
Molybdenum (Mo)	**0.04%**
Zinc (Zn)	**1.00%**

Derived from
Ligno Sulfonic Acid, Ferric Sulfate, Zinc Sulfate, Manganese Sulfate, Boric Acid, Copper Sulfate, Sodium Molybdate

Net Wgt. 25 lbs. /2.5 gal
Net Wgt. 11.34kg /9.46L

AGRO·K®

Warranty

1.-The manufacturer guarantees and warrants that the content and the total net weight are as stated within lawful limits.

2.-Liability of Agro-K Corporation under this warranty or otherwise shall be limited to refund of the purchase price and such refund is expressly agreed by the buyer to be the exclusive remedy.

Agro-K Corporation makes no other expressed or implied guarantee, warranty or representation, including warranties of merchantability and fitness for a purpose. Agro-K Corporation shall not be liable for direct consequential or incidental damages. No modifications of this warranty and the disclaimers herein are authorized or valid unless expressed in writing and signed by Agro-K Corporation.

SHAKE WELL BEFORE USE

WARNING
KEEP OUT OF REACH OF CHILDREN

AGRO·K®

FERTILIZER TECH SHEET

Multi-purpose Micronutrients

Science-Driven Nutrition℠

Agro-K's Multi-Purpose Micronutrients is a balanced blend of seven lingo-sulfonate chelated micronutrients designed to correct and/or prevent micronutrient deficiencies. Multi-Purpose Micronutrients contains: sulfur, iron, zinc, manganese, copper, boron and molybdenum. Trace elements regulate and manage a wide range of metabolic processes within plants. Deficiencies of any one or more elements can negatively affect plant growth and production as well as plant health and fruit quality.

Mutli-Purpose Micronutrients is a versatile blend that can be used in soil and foliar applications. As with all Agro-K foliar products, Mutli-Purpose Micronutrients is manufactured for rapid uptake and absorption through plant tissue and stomata. When used in the soil, availability is also excellent.

Guaranteed Analysis

Sulfur (S)	2.60%
Iron (Fe)	1.00%
Zinc (Zn)	1.00%
Manganese (Mn)	0.48%
Boron (B)	0.32%
Copper (Cu)	0.16%
Molybdenum (Mo)	0.04%

Derived From

Ligno Sulfonic Acid, Ferric Sulfate, Zinc Sulfate, Manganese Sulfate, Boric Acid, Copper Sulfate, Sodium Molybdate

Availability

1, 5, 55 and 250 gallon and bulk

Directions For Use

Foliar: Apply 1 to 3 quarts per acre (2.5 to 7.5 liters per hectare) with sufficient water for thorough coverage. For best results, spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is above 85° F/30° C. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops. Ground: Apply 2 to 5 quarts per acre (5 to 12.5 liters per hectare). Ground application can be via conventional ground sprayer or metered through irrigation. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

FOLIAR NUTRIENTS

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FERTILIZER TECH SHEET

Suggested Uses

Tomatoes, Peppers, Cucumbers

Soil: apply 1 to 4 pints per acre (1 to 5 liters/hectare) pre-plant during soil preparation or through the drip tape. Application can be repeated every 30 days as needed. Foilar: Apply 1-2 pints per acre (1 to 3 liters/hectare). Apply first application 14 days after transplanting, thinning or at the 4-5 true leaf stage. Apply subsequent applications at 14 day intervals as needed to correct deficiencies or supplement nutritional requirements.

Lettuce, Spinach and Other Leafy Vegetables as well as Broccoli, Cauliflower and Other Brassica Varieties

Soil: apply 1 to 4 pints per acre (1 to 5 liters/hectare) pre-plant during soil preparation or through the drip tape. Application can be repeated every 30 days as needed. Foilar: Apply 1-2 pints per acre (1 to 3 liters/hectare). Apply first application 14 days after transplanting, thinning or at the 4-5 true leaf stage. Apply one or two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Corn, Beans and Peas

Soil: apply 1 to 8 pints per acre (1 to 10 liters/hectare) pre-plant during soil preparation or at planting time (do not mix directly with N-P-K fertilizers, but can be mixed and side-dressed with nitrogen). Foilar: Apply 1-4 pints per acre (1 to 5 liters/hectare) 3-4 weeks post emergence.

Strawberries

Soil: apply 1 to 4 pints per acre (1 to 5 liters/hectare) through the drip tape. Foliar: Apply 1 to 2 pints per acre (1 to 3 liters/hectare) per application. Apply the first application 14 days after transplanting or early spring for over-wintered plants. Reapply at 14 day intervals or as needed to supplement nutritional requirements.

Potatoes, Onions and Other Vegetable Root, Bulb or Tuber Crops

Soil: Apply 1 to 6 pints per acre (1 to 8 liters/hectare). Apply during soil preparation time or at planting. Foliar: 1 to 2 pints per acre (1 to 3 liters/hectare) per application. Apply 2-3 weeks post emergence and at any subsequent time as needed to supplement nutritional requirements.

Almonds, Walnuts and Other Nut Crops

Soil: apply 1 to 4 pints per acre (1 to 5 liters/hectare) through the irrigation system or spray at the base of the plants prior to flood irrigating. Apply at first spring irrigation or is soil is still moist band spray at base of plants with sufficient water to soak in. Re-apply as needed to correct deficiencies. Can also apply post harvest.

Plums, Peaches, Cherries and Other Stone Fruits

Soil: apply 1 to 4 pints per acre (1 to 5 liters/hectare) through the irrigation system or spray at the base of the plants prior to flood irrigating. Apply at first spring irrigation or is soil is still moist band spray at base of plants with sufficient water to soak in. Re-apply as needed to correct deficiencies. Can also apply post harvest.

Apples, Pears and Other Pome Fruits

Soil: apply 1 to 4 pints per acre (1 to 5 liters/hectare) through the irrigation system or spray at the base of the plants prior to flood irrigating. Apply at first spring irrigation or is soil is still moist band spray at base of plants with sufficient water to soak in. Re-apply as needed to correct deficiencies. Can also apply post harvest.

Citrus and Avocados

Soil: apply 1 to 4 pints per acre (1 to 5 liters/hectare) through the irrigation system or spray at the base of the plants prior to flood irrigating. Apply every 4-6 months as needed.

Grapes

Soil: apply 1 to 2 pints per acre (1 to 3 liters/hectare) through the irrigation system at first irrigation or band spray during early spring. Foliar: If needed to correct deficiencies, apply first application two-three weeks prior to bloom. Apply subsequent applications as needed and determined by leaf analysis.

Raspberries, Blackberries and Other Caneberries

Soil: apply 1 to 4 pints per acre (1 to 5 liters/hectare) through the irrigation system at first irrigation or band spray during early spring. Foliar: Apply 1 to 2 pints per acre (1 to 3 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at 7-14 day intervals as needed to supplement nutritional requirements.

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Item# 512

Vigor-Cal™

Information regarding the contents and levels of metals in this product is available on the internet at http://www.aapfco.org/metals.htm.

Science-Driven Nutrition℠

Directions for Commercial Use:

Vigor-Cal is intended for foliar use. Apply 2 to 8 quarts per acre (5 to 20 liters per hectare) with sufficient water for thorough coverage. For best results, spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is above 90° F. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

Guaranteed Analysis:

Calcium (Ca) 5.0%

Derived from
Mined Calcium Carbonate

Net Wgt. 25 lbs /2.5 gal
Net Wgt. 11.35 kg / 9.46 L

AGRO·K®

Warranty

1.-The manufacturer guarantees and warrants that the content and the total net weight are as stated within lawful limits.

2.-Liability of Agro-K Corporation under this warranty or otherwise shall be limited to refund of the purchase price and such refund is expressly agreed by the buyer to be the exclusive remedy.

Agro-K Corporation makes no other expressed or implied guarantee, warranty or representation, including warranties of merchantability and fitness for a purpose. Agro-K Corporation shall not be liable for direct consequential or incidental damages. No modifications of this warranty and the disclaimers herein are authorized or valid unless expressed in writing and signed by Agro-K Corporation.

SHAKE WELL BEFORE USE

WARNING
KEEP OUT OF REACH OF CHILDREN

AGRO·K®

FERTILIZER TECH SHEET

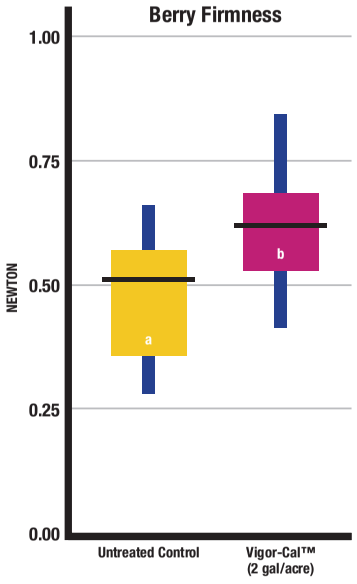
Vigor-Cal™

Science-Driven Nutrition℠

Agro-K's Vigor-Cal is a foliar calcium spray derived from calcium carbonate. A series of proprietary manufacturing processes are used to separate the calcium from the carbonate molecule and link it to a polysaccharide molecule creating sugar based nutrient product. This process creates a calcium material that can quickly penetrate a variety of plant tissue - leaves, emerging buds and fruit skin. Nutrient uptake happens directly through the cell wall and via stomata. Once inside the cell, the calcium polysaccharide molecule is easily metabolized and utilized as needed by the plant system. Vigor-Cal contains the name "vigor" as Agro-K's sugar-based calcium effectively promotes plant vigor.

CALCIUM is probably the most important element in maximizing fruit quality. Plants low in calcium will produce fruit with thinner cell walls and poor cell wall integrity. This can lead to splitting during sizing, internal breakdown post-harvest and poor shelf life. Achieving adequate or high levels of calcium in fruit is critical to producing a quality crop, maximizing a grower's pack-out and maintaining overall plant health. Increasing calcium levels in the tissue optimizes leaf cuticle and fruit skin development leading to bigger, firmer, better quality fruit that travels and stores longer.

Physiologically, plant demand for calcium is highest during the early season from bloom through early fruit development when most cell division and elongation happens. It is during this period that calcium is most easily incorporated into the cell wall structure. Appropriately timed applications of Vigor-Cal, as part of a complete calcium and overall fertility program, can result in thicker cell walls of both the leaf and fruit tissue helping growers maximize fruit firmness and quality and minimizing problems related to calcium deficiencies.



Different letters are significantly different at 5% level.

Research conducted by Dirk Uys, Ph.D., 1997, University of Stellenbosch, South Africa.

Mean for Untreated Control = 0.483 and Vigor-Cal™ = 0.629. Std. Error for Untreated Control = 0.0287 and Vigor-Cal™ = 0.031. A significant increase in firmness was recorded.

	Control	Calcium Treated
Berry skin thickness	185 µm	218.5 µm
Berry skin cell layers	4.65	5.13

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FERTILIZER TECH SHEET

Suggested Uses

Tomatoes, Peppers, Cucumbers

Apply 1 to 4 quarts per acre (2.5 to 10 liters/hectare) per application. Apply the first application 7 days after transplanting, thinning or at second true leaf stage. Apply subsequent applications at 14 day intervals as needed to correct deficiencies or supplement nutritional requirements.

Lettuce, Spinach and Other Leafy Vegetables as well as Broccoli, Cauliflower and Other Brassica Varieties

Apply 1 to 4 quarts per acre (2.5 to 10 liters/hectare) per application. Apply the first application 7 days after transplanting, thinning, or at second true leaf stage. Apply one or two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Corn, Beans and Peas

Apply 2 to 4 quarts per acre (5 to 10 liters/hectare) per application. Apply the first application at the fourth to fifth leaf. Apply one to two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Strawberries

Apply 1 to 4 quarts per acre (2.5 to 10 liters/hectare) per application. Apply the first application 7-10 days after transplanting. Reapply at 7-14 day intervals or as needed to supplement nutritional requirements.

Potatoes, Onions and Other Vegetable Root, Bulb or Tuber Crops

Apply 2 to 4 quarts per acre (5 to 10 liters/hectare) per application. Apply the first application 2-3 weeks post emergence. Apply one to two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Almonds, Walnuts and Other Nut Crops

Apply 2 to 4 quarts per acre (5 to 10 liters/hectare) per application. Apply first application at bud break. Apply subsequent applications at petal fall and nut fill or as needed to supplement nutritional requirements.

Plums, Peaches, Cherries and Other Stone Fruits

Apply 2 to 4 quarts per acre (5 to 10 liters/hectare) per application. Apply first application at green tip on plums and at pink bud on nectarines and other stone fruit. Apply subsequent applications at 30 day intervals up to pit hardening or as needed to supplement nutritional requirements.

Apples, Pears and Other Pome Fruits

Apply 1 to 4 quarts per acre (2.5 to 10 liters/hectare) per application. Apply first application at green tip or bud break. Apply subsequent applications at petal fall and post thinning as needed to supplement nutritional requirements.

Citrus and Avocados

Apply 2 to 4 quarts per acre (5 to 10 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at 30 day intervals up to harvest or as needed to supplement nutritional requirements.

Grapes

Apply 2 to 4 quarts per acre (5 to 10 liters/hectare) per application. Apply first application two weeks prior to bloom. Apply subsequent applications as needed and determined by leaf analysis.

Raspberries, Blackberries and Other Caneberries

Apply 2 to 4 quarts per acre (5 to 10 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at 7-14 day intervals as needed to supplement nutritional requirements.

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Item# 5030

Vigor-Cal-Bor-Moly™

Information regarding the contents and levels of metals in this product is available on the internet at http://www.aapfco.org/metals.htm.

Science-Driven Nutrition℠

Directions for Commercial Use:

Vigor-Cal-Bor-Moly is intended for foliar use. Apply 1 to 4 quarts per acre with sufficient water for thorough coverage. For best results, spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is above 85°F. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

CAUTION: This product contains boron and should be used only in accordance with directions. Improper use may result in injury to crops. Avoid freezing.

WARNING: The application of fertilizing materials containing molybdenum (Mo) may result in forage crops containing levels of molybdenum (Mo) which are toxic to ruminant animals.

Guaranteed Analysis:

Calcium (Ca) 5.0%
Boron (B) 0.4%
Molybdenum (Mo) 0.2%

Derived from
Calcium Carbonate, Boric Acid and Sodium Molybdate

Net Wgt. 25.7 lbs /2.5 gal
Net Wgt. 11.65 kg /9.46 L

AGRO·K®

Warranty

1.-The manufacturer guarantees and warrants that the content and the total net weight are as stated within lawful limits.

2.-Liability of Agro-K Corporation under this warranty or otherwise shall be limited to refund of the purchase price and such refund is expressly agreed by the buyer to be the exclusive remedy.

Agro-K Corporation makes no other expressed or implied guarantee, warranty or representation, including warranties of merchantability and fitness for a purpose. Agro-K Corporation shall not be liable for direct consequential or incidental damages. No modifications of this warranty and the disclaimers herein are authorized or valid unless expressed in writing and signed by Agro-K Corporation.

SHAKE WELL BEFORE USE

WARNING
KEEP OUT OF REACH OF CHILDREN

AGRO·K®

FERTILIZER TECH SHEET

Vigor-Cal-Bor-Moly

Science-Driven Nutrition℠

Vigor-Cal-Bor-Moly is a foliar calcium spray derived from calcium carbonate with boron and moly. A series of proprietary manufacturing processes are used to separate the calcium from the carbonate molecule and link it to a polysaccharide molecule creating sugar based nutrient product. This process creates a calcium material that can quickly penetrate a variety of plant tissue - leaves, emerging buds and fruit skin. Nutrient uptake happens directly through the cell wall and via stomata. Once inside the cell, the calcium polysaccharide molecule is easily metabolized and utilized as needed by the plant system.

Combining boron and moly with the calcium makes Vigor-Cal-Bor-Moly an excellent fit for pre-bloom sprays to improve fruit set and quality as well as good fit for post harvest sprays to get these nutrients into next year's buds.

Guaranteed Analysis

Calcium (Ca) 5.0%
Boron (B) 0.4%
Molybdenum (Mo) 0.2%

Derived From

Calcium Carbonate, Boric Acid and Sodium Molybdate

Availability

2.5 gallon

Directions For Use

Vigor-Cal-Bor-Moly is intended for foliar use. Apply 1 to 4 pints per acre with sufficient water for thorough coverage. For best results, spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is above 85°F. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

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FERTILIZER TECH SHEET

Suggested Uses

Tomatoes, Peppers, Cucumbers

Apply 1 to 4 pts/acre per application. Apply first application pre-bloom. Apply a second application 7-10 days later.

Broccoli, Cauliflower and Other Brassica Varieties

Apply 1 to 4 pts/acre per application. Apply first application 7-10 days post transplanting. Apply one subsequent application 7-10 days later.

Corn

Apply 1 to 4 pts/acre per application. Apply the first application at pre tassle/ tassle.

Beans, Peas and Lentils

Apply 1-4 pts/acre per application. Apply pre-bloom/first bloom and repeat if needed at 50% bloom.

Strawberries

Apply 1 to 4 pts/acre per application. Apply the first application 7-10 days after transplanting. Reapply at 7-14 day intervals or as needed to supplement nutritional requirements.

Onions and Other Vegetable Root, Bulb or Seed Crops

Apply 1 to 4 pts/acre per application. Apply first application between pre-bloom and petal fall.

Almonds, Walnuts and Other Nut Crops

Apply 1 to 4 pts/acre per application. Apply first application between pre-bloom and petal fall.

Plums, Peaches, Cherries and Other Stone Fruits

Apply 1 to 4 pts/acre per application. Apply first application between pre-bloom and petal fall.

Apples, Pears and Other Pome Fruits

Apply 1 to 4 pts/acre per application. Apply first application between pre-bloom and petal fall.

Citrus and Avocados

Apply 1 to 4 pts/acre per application. Apply first application between pre-bloom and petal fall.

Grapes

Apply 1 to 4 pts/acre per application. Apply first application between pre-bloom and petal fall.

Raspberries, Blackberries and Other Caneberries

Apply 1 to 4 pts/acre per application. Apply first application between pre-bloom and petal fall.

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Item# 503

Vigor-Cal™ with Boron

Information regarding the contents and levels of metals in this product is available on the internet at http://www.aapfco.org/metals.htm.

Science-Driven Nutrition℠

Directions for Commercial Use:

Vigor Cal with Boron is intended for foliar use. Apply 2 to 8 quarts per acre (5 to 20 liters per hectare) with sufficient water for thorough coverage. For best results, spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is above 85° F/30° C. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

WARNING: This product contains boron and should be used only in accordance with directions. Improper use may result in injury to crops. Avoid freezing.

Guaranteed Analysis:

Calcium (Ca) 5.0%
Boron (B) 0.4%

Derived from
Calcium Carbonate, Boric Acid

Net Wgt. 25 lbs. /2.5 gal
Net Wgt. 11.34kg /9.46L

AGRO·K®

Warranty

1.-The manufacturer guarantees and warrants that the content and the total net weight are as stated within lawful limits.

2.-Liability of Agro-K Corporation under this warranty or otherwise shall be limited to refund of the purchase price and such refund is expressly agreed by the buyer to be the exclusive remedy.

Agro-K Corporation makes no other expressed or implied guarantee, warranty or representation, including warranties of merchantability and fitness for a purpose. Agro-K Corporation shall not be liable for direct consequential or incidental damages. No modifications of this warranty and the disclaimers herein are authorized or valid unless expressed in writing and signed by Agro-K Corporation.

SHAKE WELL BEFORE USE

KEEP OUT OF REACH OF CHILDREN

AGRO·K®

FERTILIZER TECH SHEET

Vigor-Cal™ with Boron

Science-Driven Nutrition℠

Agro-K's Vigor-Cal with Boron, a foliar calcium and boron spray, is derived from calcium carbonate and boric acid. A series of proprietary manufacturing processes are used to separate the calcium from the carbonate molecule and link it to a polysaccharide molecule creating a nutrient product linked to a sugar base. This process creates a foliar calcium product that can quickly penetrate plant tissue - leaves, buds and fruit skin. Nutrient uptake happens directly through the cell wall and via stomata. Once inside the cell, the calcium polysaccharide molecule is easily metabolized and mobilized by the plant system.

Vigor-Cal with Boron contains the name "vigor" as Agro-K's sugar based calcium greatly enhances plant vigor and health. Increasing calcium levels in the tissue increases leaf cuticle and fruit skin thickness leading to larger, better quality fruit that travels better and stores longer. Maximizing calcium levels also minimizes disease and fruit disorders that are related to calcium deficiencies.

Guaranteed Analysis

Calcium (Ca) 5.0%
Boron (B) 0.4%

Derived From

Calcium Carbonate, Boric Acid

Availability

1, 2.5, 5, 55 and 250 gallon
10, 20, 200 and 1000 liter Bulk

Directions For Use

Vigor Cal with Boron is intended for foliar use. Apply 2 to 8 quarts per acre (5 to 20 liters per hectare) with sufficient water for thorough coverage. For best results, spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is above 85° F/30° C. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

FOLIAR NUTRIENTS

AGRO-K®

Agro-K Corporation 8030 Main Street, NE Minneapolis, MN 55432 **Phone: 763-780-4116**
Toll Free: 800-328-2418 **Fax: 763-780-4316** www.agro-k.com info@agro-k.com

FERTILIZER TECH SHEET

Suggested Uses

Tomatoes, Peppers, Cucumbers

Apply 1 to 4 quarts per acre (2 to 10 liters/hectare) per application. Apply the first application 7 days after transplanting, thinning or at second true leaf stage. Apply subsequent applications at 14 day intervals as needed to correct deficiencies or supplement nutritional requirements.

Lettuce, Spinach and Other Leafy Vegetables as well as Broccoli, Cauliflower and Other Brassica Varieties

Apply 1 to 4 quarts per acre (2 to 10 liters/hectare) per application. Apply the first application 7 days after transplanting, thinning, or at second true leaf stage. Apply one or two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Corn, Beans and Peas

Apply 2 to 4 quarts per acre (4 to 10 liters/hectare) per application. Apply the first application at the fourth to fifth leaf. Apply one to two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Strawberries

Apply 1 to 4 quarts per acre (2 to 10 liters/hectare) per application. Apply the first application 7-10 days after transplanting. Reapply at 7-14 day intervals or as needed to supplement nutritional requirements.

Potatoes, Onions and Other Vegetable Root, Bulb or Tuber Crops

Apply 2 to 4 quarts per acre (4 to 10 liters/hectare) per application. Apply the first application 2-3 weeks post emergence. Apply one to two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Almonds, Walnuts and Other Nut Crops

Apply 2 to 4 quarts per acre (4 to 10 liters/hectare) per application. Apply first application at bud break. Apply subsequent applications at petal fall and nut fill or as needed to supplement nutritional requirements.

Plums, Peaches, Cherries and Other Stone Fruits

Apply 2 to 4 quarts per acre (4 to 10 liters/hectare) per application. Apply first application at green tip on plums and at pink bud on nectarines and other stone fruit. Apply subsequent applications at 30 day intervals up to pit hardening or as needed to supplement nutritional requirements.

Apples, Pears and Other Pome Fruits

Apply 1 to 4 quarts per acre (2 to 10 liters/hectare) per application. Apply first application at green tip or bud break. Apply subsequent applications at petal fall and post thinning as needed to supplement nutritional requirements.

Citrus and Avocados

Apply 2 to 4 quarts per acre (4 to 10 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at 30 day intervals up to harvest or as needed to supplement nutritional requirements.

Grapes

Apply 2 to 4 quarts per acre (4 to 10 liters/hectare) per application. Apply first application two weeks prior to bloom. Apply subsequent applications as needed and determined by leaf analysis.

Raspberries, Blackberries and Other Caneberries

Apply 2 to 4 quarts per acre (4 to 10 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at 7-14 day intervals as needed to supplement nutritional requirements.

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Item# 595

Zinc Dextro-Lac®

Information regarding the contents and levels of metals in this product is available on the internet at http://www.aapfco.org/metals.htm.

Science-Driven Nutrition℠

Directions for Commercial Use:

Zinc Dextro-Lac is intended for foliar use. Apply 1 to 8 pints per acre with sufficient water for thorough coverage. For best results, spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is above 85°. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

Guaranteed Analysis:

Zinc (Zn) 10.0%

Derived from
Zinc Carbonate

Net Wgt. 26.75 lbs./2.5 gal
Net Wgt. 12.13kg/9.46L

AGRO·K®

Warranty

1.-The manufacturer guarantees and warrants that the content and the total net weight are as stated within lawful limits.

2.-Liability of Agro-K Corporation under this warranty or otherwise shall be limited to refund of the purchase price and such refund is expressly agreed by the buyer to be the exclusive remedy.

Agro-K Corporation makes no other expressed or implied guarantee, warranty or representation, including warranties of merchantability and fitness for a purpose. Agro-K Corporation shall not be liable for direct consequential or incidental damages. No modifications of this warranty and the disclaimers herein are authorized or valid unless expressed in writing and signed by Agro-K Corporation.

SHAKE WELL BEFORE USE

WARNING
KEEP OUT OF REACH OF CHILDREN

AGRO·K®

FERTILIZER TECH SHEET

Zinc Dextro-Lac®

Science-Driven Nutrition℠

THE DEXTRO-LAC® ADVANTAGE

Agro-K's Zinc Dextro-Lac® a foliar micronutrient, is derived from zinc carbonate. A series of proprietary manufacturing processes are used to separate the zinc from the carbonate molecule and link it to a polysaccharide molecule creating a nutrient product linked to a sugar base. The term Dextro-Lac® is used to convey the process and resulting product.

The Dextro-Lac® process creates a foliar zinc product that can quickly penetrate plant tissue – leaves, buds, fruit skin and bark. Nutrient uptake happens directly through the cell walls. Once inside the cell, the zinc polysaccharide molecule is easily metabolized and mobilized by the plant system.

Guaranteed Analysis

Zinc (Zn) 10.0%

Derived From

Zinc Carbonate

Availability

1, 2.5 and 250 gallon

Directions For Use

Zinc Dextro-Lac is intended for foliar use. Apply 1 to 8 pints per acre with sufficient water for thorough coverage. For best results, spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is above 85° F/30° C. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

FOLIAR NUTRIENTS

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FERTILIZER TECH SHEET

Suggested Uses

Tomatoes, Peppers, Cucumbers

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply the first application 7 days after transplanting, thinning or at second true leaf stage. Apply subsequent applications at 14 day intervals as needed to correct deficiencies or supplement nutritional requirements.

Lettuce, Spinach and Other Leafy Vegetables as well as Broccoli, Cauliflower and Other Brassica Varieties

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply the first application 7 days after transplanting, thinning, or at second true leaf stage. Apply one or two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Corn, Beans and Peas

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. A first application can be ground applied with starter fertilizers if carefully mixed in a dilute solution (contact Agro-K for more information). Otherwise, apply the first application at the second or third leaf. Apply one to two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Strawberries

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply the first application 7-10 days after transplanting. Reapply at 7-14 day intervals or as needed to supplement nutritional requirements.

Potatoes, Onions and Other Vegetable Root, Bulb or Tuber Crops

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply the first application 2-3 weeks post emergence. Apply one to two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Almonds, Walnuts and Other Nut Crops

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply first application at bud break. Apply subsequent applications at petal fall and nut fill or as needed to supplement nutritional requirements.

Plums, Peaches, Cherries and Other Stone Fruits

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply first application at green tip on plums and at pink bud on nectarines and other stone fruit. Apply subsequent applications at 30 day intervals up to pit hardening or as needed to supplement nutritional requirements.

Apples, Pears and Other Pome Fruits

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply first application at green tip or bud break. Apply subsequent applications at petal fall and post thinning as needed to supplement nutritional requirements.

Citrus and Avocados

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at 30 day intervals up to harvest or as needed to supplement nutritional requirements.

Grapes

Apply 1 to 4 pints per acre (± 1 to 5 liters/hectare) per application. Apply first application two weeks prior to bloom. Apply subsequent applications as needed and determined by leaf analysis.

Raspberries, Blackberries and Other Caneberries

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at 7-14 day intervals as needed to supplement nutritional requirements.

Spring Seeded Small Grains (including crops grown for hay)

Apply 1-3 pints per acre with herbicide, or just prior to strong foliar growth, and/or at flag leaf formation. A compatibility jar test is recommended especially if applying with amine formulations.

Winter Wheat

Apply 1 to 4 pints/acre with spring fertilizer or herbicide application or through overhead irrigation. A second application can be made from flag leaf formulation through head fill. Zinc Dextro-Lac can be applied with fungicides or insecticides. A compatibility jar test is recommended.

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