

MicroMix Complete™

Crop Application Guide

MicroMix Complete™ primarily applied to the foliage of growing crops and plants. For some crops an early application may be applied to the soil. **MicroMix Complete™** may be seed applied to certain crops, such as grains (see note below). Total applications of 32–48 oz./acre are typical for field crops, with 16-32 oz./acre of **MicroMix Complete™** applied during early, followed by additional applications applied to plant foliage at 16-32 oz./acre each. Higher rates may be used for greater yields and quality. If only one foliar application is made, rates up to 48 oz./acre may be used.

MicroMix Complete™ can be applied through standard ground or aerial application equipment and properly equipped irrigation systems.

MicroMix Complete™ is formulated for use on ALL crops.

MicroMix Complete™ can be used with most agronomic crops as a **SEED TREATMENT** at a rate of 1 oz. per 100 lb. of seed.

Field Crop Usage

The applications listed may be applied in conjunction with corresponding conventional liquid fertilizer, herbicide, fungicide or insecticide applications. As with any agrichemical, do a compatibility check to insure proper mixing with other products.

DIRECTIONS FOR USE: **MicroMix Complete™** may be applied by ground, air or through properly equipped irrigation and fertigation systems. If applied by air, it is recommended to use 5-10 gallons of water per acre. If applied by ground it is recommended to use 10–20 gallons of water per acre.

COMPATIBILITY: **MicroMix Complete™** is a stable product with excellent tank mixing characteristics. It can be applied in conjunction with most herbicides, insecticides, fungicides and foliar fertilizers. A jar test is recommended prior to tank mixing. Soil sample and tissue test regularly, and use **MicroMix Complete™** as a part of good fertility practices.

WHEAT, CANOLA & OTHER SMALL GRAINS

Apply 16–32 oz. per acre of **MicroMix Complete™** prior to jointing.

Apply 16–32 oz. per acre ^[1]_[SEP] of **MicroMix Complete™** at the flag leaf stage.

COTTON

Apply 16 oz. per acre of **MICROMIX COMPLETE™** at the 3–7 leaf stage.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at pinhead square stage.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at early bloom.

TOBACCO

Apply 16 oz. of **MICROMIX COMPLETE™** per 100 gallons of transplant setting water.

Apply 16 oz. per acre of **MICROMIX COMPLETE™** with each foliar spray made with liquid fertilizer, fungicide or insecticide.

SOYBEANS

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at the 3-5 trifoliolate leaf stage.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at pre-bloom to pod set.

CORN AND GRAIN SORGHUM

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at the 3-5 leaf stage.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at any time from pre-tassel until pollination has completed.

RICE

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** when the rice seedling has 3 fully emerged leaves but before the seedling has completed development of 7 leaves or 3 tillers.

Apply 16–32 oz. per acre **MICROMIX COMPLETE™** immediately after internode elongation or joint movement has begun.

SUNFLOWERS AND OILSEEDS

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at 4–8 inches in growth.

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** at flowering stage.

PEANUTS / GOUNDNUTS

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** at the 3–5 leaflet stage.

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** at initial pegging.

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** 10–14 days after the second foliar application.

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** during pod fill.

ALFALFA, HAY AND FORAGE CROPS

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** in the spring as soon as growth begins and continue applying ^[1]_[SEP]16 oz. per acre 7-10 days after each cutting or heavy grazing.

Vegetable Usage

The applications listed may be applied in conjunction with corresponding conventional liquid fertilizer, herbicide, fungicide or insecticide applications.

DIRECTIONS FOR USE: **MICROMIX COMPLETE™** may be applied by ground, air, or through properly equipped irrigation and fertigation systems. If applied by air it is recommended to use 5-10 gallons of water per acre. If applied by ground it is recommended to use 10–20 gallons of water per acre.

COMPATIBILITY: **MICROMIX COMPLETE™** are stable products with excellent tank mixing characteristics. They can be applied in conjunction with most herbicides, insecticides, fungicides and foliar fertilizers. A jar test is recommended prior to tank mixing. These products are not a replacement for fertilizer. Soil sample regularly and use **MICROMIX COMPLETE™** as part of good fertility practices.

EDIBLE BEANS – GREEN, LIMA, DRY, SNAP, PINTOS, BLACK TURTLES, MARROWFATS, GREAT NORTHERN, NAVY, YELLOW EYES, KIDNEY, GARBANZO & SEED

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** when the first trifoliolate is unfolded. ^[1]_[SEP]

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** 2 weeks after step 2. [L] [SEP]

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at first bloom. [L] [SEP]

BROCCOLI, CAULIFLOWER, CABBAGE, LETTUCE & SPINACH [L] [SEP]

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** when 4–6 true leaves are formed.

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** 2 weeks after Step 2.

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** 2 weeks after Step 3.

*NOTE: To maximize yields, make continuous applications of 16 oz. per acre of **MICROMIX COMPLETE™** at 7–10 day intervals after the first application throughout the growing season,*

CANTALOUPE, PUMPKINS, WATERMELON, HONEYDEW, CUCUMBER AND SQUASH

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** when the 3rd leaf begins to unfold.

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** 2–3 weeks after Step 2.

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** 2–3 weeks after Step 3.

*NOTE: To maximize yields, make continuous applications of 12–16 oz. per acre of **MICROMIX COMPLETE™** at 7–10 day intervals after the first application throughout the growing season.*

PEPPER, TOMATO, EGGPLANT & OKRA

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** when the plant has 3–4 true leaves.

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** at first bloom.

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** at first fruit set.

*NOTE: To maximize yields, make continuous applications of 12–16 oz. per acre of **MICROMIX COMPLETE™** at 7–10 day intervals after the first application throughout the growing season.*

SWEET CORN AND POPCORN

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** when plants are in the 4–6 leaf stage.

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** at the 8–10 leaf state.

POTATOES

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** at tuber initiation (approx. 2-3 weeks after emergence.)

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** at tuber initiation (approx. 4–6 weeks after emergence.)

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** at pre-bloom stage.

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** during bloom.

SWEET POTATO

Treat slips prior to transplanting with a 2% solution of **MICROMIX COMPLETE™**.

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** after 3rd new leaf.

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** at pre-bloom stage.

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** during bloom.

Fruit and Nuts Usage

The applications listed may be applied in conjunction with corresponding conventional liquid fertilizer, herbicide, fungicide or insecticide applications.

DIRECTIONS FOR USE: **MICROMIX COMPLETE™** may be applied by ground, air, or through properly equipped irrigation and fertigation systems. If applied by air it is recommended to use 5-10 gallons of water per acre. If applied by ground it is recommended to use 10–20 gallons of water per acre.

COMPATIBILITY: **MICROMIX COMPLETE™** are stable products with excellent tank mixing characteristics. They can be applied in conjunction with most herbicides, insecticides, fungicides and foliar fertilizers. A jar test is recommended prior to tank mixing. These products are not a replacement for fertilizer. Soil sample regularly and use **MICROMIX COMPLETE™** as part of good fertility practices.

STRAWBERRIES

Apply 24–32 oz. per acre of **MICROMIX COMPLETE™** as soon as there is sufficient foliage to absorb spray.

Apply 24–32 oz. per acre of **MICROMIX COMPLETE™** at first bloom stage.

Apply 24–32 oz. per acre of **MICROMIX COMPLETE™** at fruit set.

NOTE: Sprays can continue every 14 days throughout harvest.

BERRY BUSHES AND VINES

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at leaf initiation.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at early bloom stage.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at late petal fall.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at fruit set.

MANGO

Apply 16–32 oz. per acre ^[1]_[SEP] of **MICROMIX COMPLETE™** prior to pruning.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** 30 days later.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** 30 days after induction period.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** 30 days after fruit setting.

ALMONDS, PISTACHIO, PECANS, WALNUTS AND OTHER TREE NUTS

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at early bloom.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** every 4–6 weeks until after nut fall.

CITRUS & AVOCADOS

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** pre-bloom.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at full bloom – 2/3 petal fall.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** when fruit is approximately 1/2 inch in diameter.

PEACHES, NECTARINES, APRICOTS & CHERRIES

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at pre- to early bloom stage.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at petal fall.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at young fruit stage.

PLUMS & PRUNES

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at white bud stage.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at early bloom.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at petal fall.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at fruit set.

APPLES & PEARS

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at green growth (tight cluster) stage.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at pre-bloom stage.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at half bloom stage.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at 3/4 petal fall.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at young fruit stage.

PINEAPPLE

Apply 32 oz. per acre^{[[SEP]]} of **MICROMIX COMPLETE™** with the first fertilization

Apply 32 oz. per acre^{[[SEP]]} of **MICROMIX COMPLETE™** every 30 days until induction period

DATES, FIGS, OLIVES, PERSIMMONS & POMEGRANATES^{[[SEP]]}

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** during pink bud stage.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** every 2–3 weeks up to harvest.

WINE, TABLE GRAPES & KIWIFRUIT

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at the start of spring growth.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at pre-bloom stage.

Apply 16–32 oz. per acre of **MICROMIX COMPLETE™** at fruit set.

COFFEE

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** prior to first fertilization of year and/or at first rainfall.

Apply 16-32 oz. per acre of **MICROMIX COMPLETE™** prior to second fertilization. May divide this into 2 applications: 16 oz./acre with second fertilization, and 8 oz./acre with the fungicide application.

Turf and Ornamental Crops

The applications listed may be applied in conjunction with corresponding conventional liquid fertilizer, herbicide, fungicide or insecticide applications. As with any agrichemical, do a compatibility check to insure proper mixing with other products.

DIRECTIONS FOR USE: **MICROMIX COMPLETE™** may be applied by ground, air or through properly equipped irrigation and fertigation systems. If applied by air, it is recommended to use 5-10 gallons of water per acre. If applied by ground it is recommended to use 10–20 gallons of water per acre.

COMPATIBILITY: **MICROMIX COMPLETE™** is a stable product with excellent tank mixing characteristics. It can be applied in conjunction with most herbicides, insecticides, fungicides and foliar fertilizers. A jar test is recommended prior to tank mixing. These products are not a replacement for a regular fertilizer program. Soil sample and tissue test regularly, and use **MICROMIX COMPLETE™** as part of good fertility practices.

TURF GRASSES

Apply 24–32 oz. per acre of **MICROMIX COMPLETE™** at time of seeding or when sod is laid.

Apply 24–32 oz. per acre of **MICROMIX COMPLETE™** as soon as there is sufficient foliage (new growth or sod) to absorb spray.

Apply 24–32 oz. per acre of **MICROMIX COMPLETE™** at 4-week intervals during active growth.

BEDDING PLANTS

Apply 24–32 oz. per acre of **MICROMIX COMPLETE™** at time of seeding or transplanting as soil or media drench. For small plantings, use 1-2 oz. per gallon watering solution or foliar mist.

Apply 24–32 oz. per acre of **MICROMIX COMPLETE™** as soon as there is sufficient foliage (new growth, 1-2 weeks later) to absorb spray. For small plantings, use 1-2 oz. per gallon watering solution or foliar mist.

Apply 24–32 oz. per acre of **MICROMIX COMPLETE™** at 4-week intervals during active growth. For small plantings, use 1-2 oz. per gallon watering solution or foliar mist.

SHRUBS AND PERENNIAL FLOWERING PLANTS

Apply 24–32 oz. per acre of **MICROMIX COMPLETE™** as soil drench or foliar application at time of planting.

Apply 24–32 oz. per acre of **MICROMIX COMPLETE™** as soil drench or foliar application when new growth appears.

Apply 24–32 oz. per acre of **MICROMIX COMPLETE™** at 4-week intervals during active growth as foliar application.

Greenhouse Crops

The applications listed may be applied with corresponding conventional liquid fertilizer, herbicide, fungicide or insecticide applications.

DIRECTIONS FOR USE: **MICROMIX COMPLETE™** may be applied to growing media, foliar or through properly equipped irrigation and fertigation systems. If foliar application, use 2 oz. per 50 gallons of water, applied as a mist.

COMPATIBILITY: **MICROMIX COMPLETE™** are stable products with excellent tank mixing characteristics. They can be applied in conjunction with most herbicides, insecticides, fungicides and foliar fertilizers. A jar test is recommended prior to tank mixing. These products are not a replacement for fertilizer. Soil sample regularly and use **MICROMIX COMPLETE™** as part of good fertility practices.

BEDDING PLANTS AND VEGETABLE TRANSPLANTS

Apply 24–32 oz. per acre of **MICROMIX COMPLETE™** at time of seeding or transplanting as soil or media drench. For small plantings, use 1-2 oz. per gallon watering solution or foliar mist.

Apply 24–32 oz. per acre of **MICROMIX COMPLETE™** as soon as there is sufficient foliage (new

growth, 1-2 weeks later) to absorb spray. For open circulating systems use 2 oz. per 25 gal of nutrient solution. For small plantings, use 1-2 oz. per gallon watering solution or foliar mist.

Apply 24–32 oz. per acre of **MICROMIX COMPLETE™** at 4-week intervals during active growth. For small plantings, use 1-2 oz. per gallon watering solution or foliar mist.

ORNAMENTAL AND VEGETABLE PRODUCTION

Apply 24–32 oz. per acre of **MICROMIX COMPLETE™** at time of seeding or transplanting as soil or media drench. For small plantings, use 1-2 oz. per gallon watering solution or foliar mist.

Apply 24–32 oz. per acre of **MICROMIX COMPLETE™** at 4-week intervals during active growth. For small plantings, use 1-2 oz. per gallon watering solution or foliar mist.

HYDROPONICS – ALL CROPS

Apply 32 oz. per 250 gal of nutrient solution in closed circulating systems. For open circulating systems use 2 oz. per 25 gal of nutrient solution. Add new product weekly or whenever solution is changed. Foliar application may be made at 1-2 oz. per gallon of foliar mist.

Nursery Crops - Trees and Shrubs

Apply 24–32 oz. per acre of **MICROMIX COMPLETE™** at time of transplanting as soil or media drench.

Apply 24–32 oz. per acre of **MICROMIX COMPLETE™** at 4-week intervals during active growing season as foliar application or soil drench.

Apply 24–32 oz. per acre of **MICROMIX COMPLETE™** at 4-week intervals prior to early growth as soil drench, and every 4-week intervals as foliar application or soil drench throughout growing season.

Apply 2 oz. per 25 gal of solution as a root drench or dipping at time of digging in preparation for sale and/or transporting.