



# IRON CHELATE DP

A WATER SOLUBLE, TOTALLY CHELATED IRON FOR USE AS A FOLIAR SPRAY OR  
ON SOILS IN THE pH RANGE BETWEEN 6.0 TO 7.5 AS DIRECTED BELOW.



## GUARANTEED ANALYSIS

IRON (Fe)..... 10%  
10% Chelated Iron (Fe)  
Chelating agent is FeDTPA (diethylenetriaminepentaacetic acid).  
Chlorine - not more than 6%.  
Moisture content 2%.  
**F501**

## GENERAL INFORMATION

**Miller Iron Chelate DP** is a source of iron in a form which is readily available to plants. It can be applied as a soil application or as a foliar spray. **Miller Iron Chelate DP** generally performs best on slightly acid to slightly alkaline and calcareous soils where pH is 6.0 to 7.5. For soils with a pH above 7.5, use Miller Ferriplus. Rates of application depend upon severity of deficiency, but should be kept within the recommended range for each crop. Optimum results, unless specified differently, occur when applications are made early in the growth cycle.

For soil application, the **Miller Iron Chelate DP** must get into the root zone for optimum results. The chelate can be placed in the root zone during planting, or it can be incorporated into the soil by rainfall, irrigation, or mechanical tillage.

**SOIL APPLICATIONS:** **Miller Iron Chelate DP** can be applied in water or in liquid fertilizers. For row crops, soil applications are most effective when made in a band placed in the soil at planting time or as a sidedressing shortly after plants emerge or after transplanting. When treating soil around trees, apply within the drip line. Lightly incorporate into the soil, or water in, for best results. For most ornamentals, shrubs and trees, dissolve **Miller Iron Chelate DP** in a convenient volume of water and sprinkle the solution on the soil around the plants.

**FOLIAR SPRAY:** Foliar applications in water should be made as thorough cover sprays. Add Miller Nu-Film-17 to the application to improve foliar absorption of Iron. **Miller Iron Chelate DP** is compatible with most commonly used insecticides and fungicides and can be applied in combination with them. However, because available pesticide combinations differ so widely, before applying chelate-pesticide combinations to large crop areas, a small test area should be sprayed to determine that no phytotoxicity or undesirable effects result from the combination spray. Can be applied by aircraft applications. **DO NOT** use in combination with Parathion, oils, or Lime Sulfur sprays.

**MIXING DIRECTIONS:** To facilitate the mixing, add the required amount of powder to a small amount of water and mix until completely dissolved. The pre-mix solution can then be added, using agitation, to the final water or liquid fertilizer solution.

## DIRECTIONS FOR USE

**AZALEA, CAMELLIA, CHERRY LAUREL, GARDENIA, HIBISCUS, HOLLY, HYDRANGEA, IXORA, LIGUSTRUM, PIERIS JAPONICA, PRIMROSE, PYRACANTHA, RHODODENDRON, ROSE AND SIMILAR ORNAMENTAL PLANTS**

**Foliage:** Mix ½ to 1 lb. per 100 gals. of water (1 level tsp. per 1 gal.) and apply as a thorough cover spray.

**Soil:** For nurseries, greenhouses, or home gardens where plants are grown close together in beds or rows, apply 2 to 4 ozs. (6 to 12 tbsp.) per 100 sq. ft.

**FOR INDIVIDUAL GARDEN PLANTS:** Apply 1 tsp. per plant for plants up to 2 ft. in height; 2 tsp. per plant for plants 2 to 3 ft. in height; 1 tbsp. per plant for larger woody shrubs.

**FOR POTTED PLANTS:** Apply ¼ tsp. per 8-inch pot, or ½ tsp. per 12-inch pot.

**CHRYSANthemum, CARNATION, GLADIOLUS, PETUNIA, SNAPDRAGON AND SIMILAR HERBACEOUS PLANTS**

**Foliage and Soil:** Use one-half (½) the amounts recommended under the previous plant group starting with "Azaleas".

**CAMPHOR, MAGNOLIA, MAPLE, PIN OAK, RUSSIAN OLIVE, SANDCHERRY, SPRUCE, BOXWOOD, ORNAMENTAL CITRUS AND OTHER SHADE TREES AND LARGE WOODY SHRUBS**

**Foliage:** Mix ½ to 1 lb. per 100 gals. of water and apply as a thorough cover spray.

**Soil:** Apply 1 to 2 ozs. (3 to 6 tbsp.) per inch of trunk diameter at chest level. Broadcast around base of shrub or tree and follow with heavy watering or apply as a soil drench.

**APPLICATIONS RECOMMENDED FOR TURF:** (Includes Lawn, Sod and Golf Courses) - Apply **Miller Iron Chelate DP** at ½ lb. to 1 lb. per acre in sufficient water for good coverage. Follow with thorough watering.

### AVOCADOS

**Soil:** For 3 to 15 year old trees, apply 2 to 5 lbs. per tree. For 15 to 30 year old trees, apply 5 to 10 lbs. per tree. **ALMONDS, APPLES, MACADAMIAS, APRICOTS, CHERRIES, FILBERTS, GRAPES, MANGO, NECTARINES, PAPAYA, PEACHES, PEARS, PECANS, PLUMS, PRUNES AND WALNUTS**

**Foliage:** Mix ½ to 1 lb. per 100 gals. of water and apply as a thorough cover spray prior to bloom or after harvest. To avoid possible injury to plants, do not use in combination with oils.

**APPLES, APRICOTS, CHERRIES, NECTARINES, PEARS, PEACHES, PLUMS AND PRUNES**

**Soil:** Apply 1 to 2 lbs. per tree, depending on size and age of tree

**BLACKBERRIES, BLUEBERRIES, BOYSENBERRIES, DEWBERRIES, GRAPES, LOGANBERRIES, GOOSEBERRIES, RASPBERRIES AND STRAWBERRIES**

**Soil:** Band or sidedress ½ to 1 lb. per 100 ft. of row.

## CITRUS

**Foliage:** Mix ½ to 1 lb. per 100 gals. of water and apply as a thorough cover spray any time after the harvest of the main crop and up until bloom of the succeeding main crop. Do not apply when the main crop is on the tree. To avoid possible injury to plants, do not use in combination with oils or miticides.

**Soil:** Apply 1 to 2 lbs. per tree alone or mixed with fertilizer. **Miller Iron Chelate DP** may also be applied in irrigation water. For an annual preventive program, apply ¼ lb. per tree.

**ALFALFA, FORAGE GRASSES, FLAX, CABBAGE, CAULIFLOWER, CELERY, LETTUCE, MUSTARD AND SPINACH**

**DO NOT APPLY TO FOLIAGE.**

**Soil:** Apply up to 10 lbs. per acre as a band or sidedress.

**BEANS, SOYBEANS, BLACK-EYED PEAS, FIELD PEAS, RICE, SAFFLOWER, SORGHUM, SUGAR BEETS AND SUGARCANE**

**Foliage:** Apply ½ to 1 lb. per acre in sufficient water for thorough coverage. Apply 4 to 6 weeks after planting or when deficiency symptoms first appear. Repeat in 2 to 3 weeks if necessary.

**Soil:** Apply up to 10 lbs. per acre.

**CARROTS, CUCUMBERS, EGGPLANTS, MELONS, ONIONS, PARSNIPS, PEAS, PEPPERS, POTATOES, RADISHES, SQUASH, TOMATOES AND TURNIPS**

**Foliage:** Apply ½ to 1 lb. per acre in sufficient water for thorough coverage. Apply 4 to 6 weeks after planting or when deficiency symptoms first appear. Repeat in 2 to 3 weeks if necessary.

**Soil:** Band or sidedress up to 10 lbs. per acre at planting or when deficiency symptoms first appear.

**CAUTION:** Do not apply more than 1 lb. per acre of any single chelate or mixture of chelates per foliar application as crop injury may occur. Multiple chelate applications should be made at no less than 10 to 14 day intervals to reduce the potential for crop injury.

## PRECAUTIONS

Wash hands with soap and water before meals and after work. Store in the original container, tightly closed, in a dry place. Store away from children, pets, livestock and foodstuffs.

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

Use this product in accordance with good agronomic practices, which include utilizing proven spray equipment set for proper coverage. Do not make applications when temperatures are too hot, as crop damage may occur. Applications should be made at temperature levels and when other environmental conditions in your area are such that your experience indicates the application will be compatible and will accomplish the desired result.

**NOTICE OF WARRANTY:** Miller warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Miller. In no case shall Miller be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. **MILLER MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

Information concerning the raw materials composing this product can be obtained by writing to Miller Chemical & Fert. Corp., P.O. Box 333, Hanover, PA 17331. Please refer to the product/batch number found on this container.

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Prod. No. 21955

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

Manufactured For  
**MILLER CHEMICAL & FERTILIZER CORPORATION**  
P.O. Box 333, Hanover, Pennsylvania 17331, USA  
Product of Netherlands

**Net Weight 55 lbs (24.95 kg)**

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