

# Osmocote<sup>®</sup> Iron

3-4



SKU - A90515  
Packaging - 50 lb

## Features

- 100% coated Fe
- High Iron
- High Sulfur
- Granular
- Tested

Osmocote<sup>®</sup> Iron, featuring unique E-Max Release Technology, is designed to maximize nutrient efficiency by supplementing Iron and Sulfur levels for high Iron demanding crops, high root zone pH's, high alkaline waters, and situations based on media/tissue testing where Iron levels are shown to be deficient.

Osmocote<sup>®</sup> Iron is made with E-max polymer coating technology. Osmocote<sup>®</sup> Iron maximizes nutrient efficiency by supplementing iron and Sulfur levels to a grower's fertilizer program for many months.

## Target Crops/ Special Uses

Great on a wide range of perennials and Iron loving plants.

### **Many nursery plants including:**

- Trees (maples, oaks, conifers, dogwoods, etc.)
- Shrubs (azaleas, rhododendrons, magnolias, roses, spirea, etc.).

### **Many greenhouse crops:**

- Petunias, bacopa, calibrachoa, vegetative spring crops, ornamental grasses, pansy, snapdragons, vinca
- Any crop prone to high pH induced Iron chlorosis.

**Uses:** high alkalinity irrigation water, high growing media pH.

### **Use Sites**

Covered production, nursery, foliage, turf and landscapes.

## PRODUCT ADVANTAGES

- Coated Ferric sulfate conveniently delivers a sustained supply of controlled release iron and sulfur in a safe and reliable manner.
- Iron is part of the chlorophyll molecule. Iron helps maintain green foliage on iron inefficient plants. Although Osmocote<sup>®</sup> Iron works in all conditions, it excels in areas with hard water.
- Sulfur (S) is often lacking in growing system. Low S can lead to stunted, yellow plants.
- Unlike with liquid iron drenches, the consistent release of Osmocote<sup>®</sup> Iron eliminates the need for repeated applications, saving time, labor, and ultimately dollars. The continuous release in the root zone allows the plants to pick up iron throughout their growing cycle.
- Products tested by ICL at both university trial sites as well as commercial growers.

Where needs take us

**AICL** Specialty  
Fertilizers



**GUARANTEED ANALYSIS**

**F1877**

Sulfur (S) .....	15.5%
15.5% Combined Sulfur (S)	
Iron (Fe) .....	17.8%
17.8% water Soluble Iron (Fe)	

**Derived from:** Polymer Coated Ferric Sulfate

\*\* The Sulfur and Iron sources have been coated to provide 15.5% coated slow-release Sulfur (S) and 17.8% coated slow-release Iron (Fe).

**APPLICATION RATES**

The application rates listed are intended as a guideline in developing a fertilization program. These rates may or may not apply to your area or growing conditions. It is the responsibility of the grower to determine the appropriate rate. Your rate may be higher or lower than suggested based on your growing conditions. Follow label instructions and use care when handling all fertilizer products.

**FOR PROFESSIONAL USE ONLY**

ICL Specialty Fertilizers recommends a product trial prior to adopting a new fertilizer program. Product selection and application rate should be based on individual grower practice. The following are general recommendations only.

**SUGGESTED GREENHOUSE & NURSERY APPLICATION RATES**

INCORPORATION RATES	LOW	HIGH
Lb. per cubic yard	1	2
Kg. per cubic meter	0.6	1.2
Grams per liter	0.6	1.2

**TURF & LANDSCAPE USE**

Broadcast granules as uniformly as possible over soil surface. Avoid piling product against leaves and stems. Water in immediately after application. Base application of soil testing and actual plant demand for iron. apply 13 to 26 lbs. of product per acre (2 to 4 lbs. of iron) or 0.3 to 0.6 lbs of product per 1000 square feet.

Longevity at the following Average Media Temperature (F)			
60°F (15°C)	70°F (21°C)	80°F (26°C)	90°F (32°C)
4 – 5 MONTHS	3 – 4 MONTHS	2 – 3 MONTHS	1 – 2 MONTHS

CONTAINER NURSERY STOCK SUGGESTED APPLICATION AND RATES		
Product selection and application rates should be based on individual grower practices. Some factors that influence selection include:		
• Climate	• Specific Crop	• Type of Growing Media
• Other Nutrient Sources	• Irrigation Type	• Rainfall Amount

**GREENHOUSE & NURSERY TOPDRESS RATES PER CONTAINER (GRAMS)\*\***

GREENHOUSE TOPDRESS RATES PER CONTAINER (GRAMS)			
Common Container Sizes (Volume)	Approx. No. of Containers per Cubic Yard**	Low	High
6 inch Hanging Basket (1.5 qt)	539	1	2
6.5 inch Azalea (1.8 qt)	449	1	2
8 inch Azalea (3 qt)	269	2	3
8 inch Hanging Basket (3 qt)	269	2	3
8 inch Mum Pan (1 gal)	260	2	3
9 inch Mum Pan (1.25 gal)	166	3	5
10 inch Hanging Basket (1.5 gal)	150	3	6
12 inch Color Bowl (2 gal)	112	4	8
12 inch Hanging Basket (2.25 gal)	100	5	9

SURFACE APPLICATION RATES PER CONTAINER (GRAMS)			
Common Container Sizes (Volume)	Approx. No. of Containers per Cubic Yard**	Low	High
Trade 1 gal.	300	2	3
1 gal.	210	2	4
Trade 2 gal.	125	4	7
2 gal.	102	4	9
3 gal.	70	6	13
5 gal.	52	9	17
7 gal.	35	13	26

Larger Containers	Surface Area in sq. ft.	Low	High
10 gal. - 17 in. diameter	1.4	16	31
15 gal. - 17.5 in.	1.5	17	34
20 gal. - 21 in.	2.3	26	52
25 gal. - 22.5 in.	2.8	31	63
30 gal. - 26.5 in. diameter	3.8	43	85
45 gal. - 30 in. diameter	4.8	54	108
Other Larger Containers – use these rates multiplied by actual container surface area in sq. ft.		11	22

\*\* Actual container fill rates may vary depending on container brand, specific growing media and fill method.

APPROXIMATE VOLUME MEASURES / MEDICIONES APROXIMADAS DEL VOLUMEN							
ICL Yellow Spoons (level)	#1	#2	#3	#4	#5	#6	#7
Approximate Weight (in grams)	11	16	21	44	58	85	114
Conventional Measures (level)	1 tsp.	1 tbsp.	¼ c.	⅓ c.	½ c.	1 c.	
Approximate Weight (in grams)	6	18	80	107	160	321	

28 grams = 1 oz. / 454 grams = 1 lb.    28 gramos = 1 oz. / 454 gramos = 1 lb.



[www.icl-sf.com](http://www.icl-sf.com)

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