

27-4-8

12-14 Month

A90261

# Osmocote® Blend

## Recommended Rates

### Longevity at average media temperature

60°F (15°C)	70°F (21°C)	80°F (26°C)	90°F (32°C)
14-16 months	12-14 months	8-9 months	7-8 months

### Surface application (grams)

Common container volumes	Approx. containers per cubic yard <sup>1</sup>	Low	Med	High
1 quart	850	3	5	6
2 quart	400	7	11	14
1 gallon trade	300	10	14	18
1 gallon	210	14	21	26
2 gallon trade	125	24	35	44
2 gallon	102	29	42	53
3 gallon	70	42	62	78
5 gallon	52	57	83	105
7 gallon	35	84	123	156

Large container volumes	Surface area in square feet	Low	Med	High
10 gallon (17" diam.)	1.4	102	149	188
15 gallon (17.5" diam.)	1.5	109	160	202
20 gallon (21" diam.)	2.3	168	245	309
25 gallon (22.5" diam.)	2.8	204	298	377
30 gallon (26.5" diam.)	3.8	277	405	511
45 gallon (30" diam.)	4.8	350	511	646
65 gallon (30" diam.)	4.8	350	511	646
100 gallon (36" diam.)	7.1	517	756	955
200 gallon (48.5" diam.)	12.8	933	1363	1722
24" box	4.0	291	426	538
30" box	6.25	455	666	841
36" box	9.0	656	958	1211
48" box	16.0	1166	1704	2152

For containers not listed, multiply surface area by: 73 106 135

### Incorporation

	Low	Med	High
Pounds per cubic yard	6.5	9.5	12.0
Kilograms per cubic meter	3.9	5.6	7.1
Grams per liter	3.9	5.6	7.1

### Landscape

	Low	Med	High
Pounds per 1000 square feet	7.5	15.0	22.0
Kilograms per 100 square meters	3.7	7.3	10.7
Pounds of N per 1000 square feet	2.0	4.1	5.9

<sup>1</sup>May vary depending on container brand, media, and fill method.

## Approximate Volume Measurements

### ICL spoons

Grams	#1	#2	#3	#4	#5	#6	#7
Grams	8	12	15	32	42	61	82

### Conventional measures

Grams	1 tsp.	1 tbsp.	1/4 c.	1/3 c.	1/2 c.	1 c.
Grams	4	13	52	69	104	208

## Guaranteed Analysis

Total Nitrogen (N) <sup>2</sup> .....	27%
6.6% Ammoniacal Nitrogen (N-NH <sub>4</sub> )	
5.9% Nitrate Nitrogen (N-NO <sub>3</sub> )	
14.5% Urea Nitrogen (Ur-N)	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) <sup>2</sup> .....	4%
Soluble Potash (K <sub>2</sub> O) <sup>2</sup> .....	8%
Calcium (Ca).....	1.1%
Sulfur (S) <sup>2</sup> .....	3.0%
3.0% Combined Sulfur (S)	

Derived from: Polymer-coated Urea, Ammonium Nitrate, Ammonium Phosphate, Potassium Sulfate, Calcium Phosphate

<sup>2</sup>The nitrogen, phosphate, potash, calcium, and sulfur sources have been coated to provide 27% coated slow-release nitrogen (N), 4% coated slow-release available phosphate (P<sub>2</sub>O<sub>5</sub>), 8% coated slow-release soluble potash (K<sub>2</sub>O), 1.02% coated slow-release calcium (Ca), and 3.00% coated slow-release sulfur (S).

## Directions

- recommended for use in outdoor nurseries and landscape beds
- verify product analysis, longevity, and rates (for assistance, contact your regional ICL Territory Manager or call ICL Customer Service at 800-492-8255)
- thoroughly blend into growing media to ensure uniform distribution without over-mixing
- growing media should be used two to four weeks after incorporation
- for top-dress applications, spread fertilizer evenly on container surface (avoid piling fertilizer directly against plant stem)
- irrigate after application (irrigation frequency and volume should be monitored and adjusted during the crop production cycle)
- a product trial is recommended before adopting a new fertilizer program or making full-scale changes to standard local practices
- use caution when applying to plants being over-wintered under cover (if you can't monitor soluble salts and/or adjust irrigation, avoid Fall and Winter applications)
- store in a clean, cool, dry place

All information is intended for use as a guideline only and may not be suitable for all regions and conditions.