

23-4-8

8-9 Month

A90250



Approximate Volume Measurements

ICL spoons

	#1	#2	#3	#4	#5	#6	#7
Grams	8	12	16	32	42	62	84

Conventional measures

	1 tsp.	1 tbsp.	1/4 c.	1/3 c.	1/2 c.	1 c.
Grams	4	13	53	71	106	212

Recommended Rates

Longevity at average media temperature

60°F (15°C)	70°F (21°C)	80°F (26°C)	90°F (32°C)
9-10 months	8-9 months	6-7 months	5-6 months

Surface application (grams)

Common container volumes	Approx. containers per cubic yard ¹	Surface application (grams)		
		Low	Med	High
1 quart	850	3	5	6
2 quart	400	6	10	14
1 gallon trade	300	8	13	18
1 gallon	210	12	18	26
2 gallon trade	125	20	31	44
2 gallon	102	24	38	53
3 gallon	70	36	55	78
5 gallon	52	48	74	105
7 gallon	35	71	110	156

Large container volumes	Surface area in square feet	Surface application (grams)		
		Low	Med	High
10 gallon (17" diam.)	1.4	86	133	188
15 gallon (17.5" diam.)	1.5	92	143	202
20 gallon (21" diam.)	2.3	142	219	309
25 gallon (22.5" diam.)	2.8	173	267	377
30 gallon (26.5" diam.)	3.8	234	362	511
45 gallon (30" diam.)	4.8	296	457	646
65 gallon (30" diam.)	4.8	296	457	646
100 gallon (36" diam.)	7.1	438	677	955
200 gallon (48.5" diam.)	12.8	789	1220	1722
24" box	4.0	247	381	538
30" box	6.25	385	596	841
36" box	9.0	555	858	1211
48" box	16.0	986	1525	2152

For containers not listed, multiply surface area by: 62 95 135

Incorporation

	Low	Med	High
Pounds per cubic yard	5.5	8.5	12.0
Kilograms per cubic meter	3.3	5.0	7.1
Grams per liter	3.3	5.0	7.1

Landscape

	Low	Med	High
Pounds per 1000 square feet	8.5	15.0	22.0
Kilograms per cubic meter	4.1	7.3	10.7
Pounds of N per 1000 square feet	2.0	3.5	5.1

¹May vary depending on container brand, media, and fill method.

Guaranteed Analysis

Total Nitrogen (N) ²	23%
6.4% Ammoniacal Nitrogen (N-NH ₄)	
5.6% Nitrate Nitrogen (N-NO ₃)	
11% Urea Nitrogen (Ur-N)	
Available Phosphate (P ₂ O ₅).....	4%
Soluble Potash (K ₂ O).....	8%
Calcium (Ca).....	1.1%
Magnesium (Mg).....	1.4%
0.66% Water Soluble Magnesium (Mg)	
Sulfur (S).....	4.0%
4.0% Combined Sulfur (S)	
Copper (Cu).....	0.06%
0.001% Water Soluble Copper (Cu)	
Iron (Fe).....	0.96%
0.001% Water Soluble Iron (Fe)	
Manganese (Mn).....	0.36%
0.26% Water Soluble Manganese (Mn)	
Zinc (Zn).....	0.12%
0.001% Water Soluble Zinc (Zn)	

Derived from: Polymer-coated Urea, Polymer-Coated: Ammonium Nitrate, Ammonium Phosphate, Potassium Sulfate, Calcium Phosphate; Magnesium Sulfate, Magnesium Oxide, Copper Sulfate, Copper Oxide, Ferrous Sulfate, Iron Oxide, Manganese Sulfate, Manganese Oxide, Zinc Sulfate, Zinc Oxide

²The nitrogen, phosphate, potash, and sulfur sources have been coated to provide 23% coated slow-release nitrogen (N), 4% coated slow-release available phosphate (P₂O₅), 8% coated slow-release soluble potash (K₂O), and 2.92% 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.

