

19-5-8

8-9 Month

A901316



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	4	6	7
2 quart	400	8	12	16
1 gallon trade	300	11	16	21
1 gallon	210	15	23	30
2 gallon trade	125	25	38	51
2 gallon	102	31	47	62
3 gallon	70	45	68	91
5 gallon	52	61	92	122
7 gallon	35	91	136	182

Large container volumes	Surface area in square feet	Surface application (grams)		
		Low	Med	High
10 gallon (17" diam.)	1.4	110	165	220
15 gallon (17.5" diam.)	1.5	118	177	235
20 gallon (21" diam.)	2.3	180	271	361
25 gallon (22.5" diam.)	2.8	220	330	439
30 gallon (26.5" diam.)	3.8	298	447	596
45 gallon (30" diam.)	4.8	377	565	753
65 gallon (30" diam.)	4.8	377	565	753
100 gallon (36" diam.)	7.1	557	836	1114
200 gallon (48.5" diam.)	12.8	1004	1507	2009
24" box	4.0	314	471	628
30" box	6.25	490	736	981
36" box	9.0	06	1059	1412
48" box	16.0	1256	1883	2511

For containers not listed, multiply surface area by: 78 118 157

Incorporation

	Low	Med	High
Pounds per cubic yard	7.0	10.5	14.0
Kilograms per cubic meter	4.2	6.2	8.3
Grams per liter	4.2	6.2	8.3

Landscape

	Low	Med	High
Pounds per 1000 square feet	10.5	19.4	27.8
Kilograms per 100 square meters	5.1	9.5	13.6
Pounds of N per 1000 square feet	2.0	3.5	5.0

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

Approximate Volume Measurements

ICL spoons

	#1	#2	#3	#4	#5	#6	#7
Grams	8	13	17	36	47	69	93

Conventional measures

	1 tsp.	1 tbsp.	1/4 c.	1/3 c.	1/2 c.	1 c.
Grams	5	15	65	87	131	262

Guaranteed Analysis

Total Nitrogen (N) ²	19%
6.6% Ammoniacal Nitrogen (N-NH ₄)	
5.7% Nitrate Nitrogen (N-NO ₃)	
6.7% Urea Nitrogen (Ur-N)	
Available Phosphate (P ₂ O ₅) ²	5%
Soluble Potash (K ₂ O) ²	8%
Calcium (Ca) ²	1.6%
Magnesium (Mg)	1.5%
0.7% Water Soluble Magnesium (Mg)	
Sulfur (S) ²	8.1%
4.4% Combined Sulfur (S)	
3.7% Free Sulfur (S)	
Copper (Cu)	0.060%
0.001% Water Soluble Copper (Cu)	
Iron (Fe)	1.0%
0.001% Water Soluble Iron (Fe)	
Manganese (Mn)	0.39%
0.26% Water Soluble Manganese (Mn)	
Zinc (Zn)	0.130%
0.001% Water Soluble Zinc (Zn)	

Derived from: Polymer-coated, Sulfur-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 18% coated slow-release nitrogen (N), 5% coated slow-release available phosphate (P₂O₅), 11% coated slow-release soluble potash (K₂O), 1.44% slow-release calcium (Ca), and 3.24% 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.

