

CoRoN[®]

Controlled-Release Nitrogen

CoRoN is a controlled-release foliar fertilizer that provides weeks of steady nutrition. Its low burn potential, wash-off tolerance, reduced drift, excellent deposition and adhesion qualities make CoRoN a valuable addition to any nutritional program.

When CoRoN is applied to foliage, the plant stores the nitrogen and releases it according to the plant's nutritional needs. CoRoN gives plants a consistent, stable source of nitrogen for weeks, reducing nutrient run-off concerns and helping solve over- or under-application problems.

A variety of CoRoN formulations are available to meet specific needs and varying climatic conditions.



CORON HIGHLIGHTS

- Liquid fertilizer with true controlled-release qualities
- Provides nitrogen when plants need it
- Excellent plant uptake & translocation
- Excellent plant safety
- Very low burn potential
- Minimal volatilization
- Good carrier for many plant protection products
- Low wash-off potential

CORON DILUTION CHART

	FLUID OUNCES PER 1000 SF							
	1/10# N	1/8# N	1/6# N	1/4# N	1/3# N	1/2# N	3/4# N	1.0# N
CoRoN 12-0-12	10.0	12.5	16.5	25.0	33.0	50.0	75.0	100.0
CoRoN 14-2-14	8.3	10.3	13.8	20.6	27.5	40.8	61.8	81.5
CoRoN 18-2-4	6.7	8.4	11.1	16.8	22.2	34.9	50.4	69.7
CoRoN 20-0-10	6.0	7.5	10.1	15.1	20.1	28.9	45.3	57.7
CoRoN 22-3-3	5.6	7.0	9.3	13.9	18.5	27.9	41.7	55.7
CoRoN 28-0-0	4.3	5.4	7.1	10.8	14.2	21.6	32.3	43.1

CORON DILUTION CHART

	GALLONS PER ACRE							
	1/10# N	1/8# N	1/6# N	1/4# N	1/3# N	1/2# N	3/4# N	1.0# N
CoRoN 12-0-12	3.4	4.3	5.6	8.5	11.2	17.0	25.5	34.0
CoRoN 14-2-14	2.8	3.5	4.7	7.0	9.4	13.9	21.0	27.7
CoRoN 18-2-4	2.3	2.9	3.8	6.0	7.6	11.9	17.2	23.7
CoRoN 20-0-10	2.0	2.6	3.4	4.9	6.8	9.8	15.4	19.6
CoRoN 22-3-3	1.9	2.4	3.2	4.7	6.3	9.5	14.2	19.0
CoRoN 28-0-0	1.5	1.8	2.4	3.7	4.8	7.4	11.0	14.7

For more information, contact your Helena representative.



People...
Products...
Knowledge...

NITROGEN PPM CONVERSION CHARTS FOR CORON PRODUCTS

CORON 28-0-0 (70% CRN)

RATE OF N (PPM)	LBS OF N PER 1000 GAL SOLUTION	OZ OF CORON ADDED TO 1000 GAL OF WATER
50	0.417	17.94
60	0.5004	21.52
70	0.5838	25.10
80	0.6672	28.68
90	0.7506	32.27
100	0.834	35.85
110	0.9174	39.44
120	1.0008	43.02
130	1.0842	46.61
140	1.1676	50.19
150	1.251	53.78
160	1.3344	57.36
170	1.4178	60.95
180	1.5012	64.54
190	1.5846	68.12
200	1.668	71.71

CORON 12-0-12 (50% CRN)

RATE OF N (PPM)	LBS OF N PER 1000 GAL SOLUTION	OZ OF CORON ADDED TO 1000 GAL OF WATER
70	0.5838	58.09
80	0.6672	66.39
90	0.7506	74.69
100	0.834	82.99
110	0.9174	91.28
120	1.0008	99.58
130	1.0842	107.88
140	1.1676	116.18
150	1.251	124.48
160	1.3344	132.78
170	1.4178	141.07
180	1.5012	149.37
190	1.5846	157.67
200	1.668	165.97

CORON 18-3-6 (50% CRN) W/ 0.5% FE

RATE OF N (PPM)	LBS OF N PER 1000 GAL SOLUTION	OZ OF CORON ADDED TO 1000 GAL OF WATER
70	0.5838	38.89
80	0.6672	44.45
90	0.7506	50.00
100	0.834	55.56
110	0.9174	61.11
120	1.0008	66.67
130	1.0842	72.22
140	1.1676	77.78
150	1.251	83.33
160	1.3344	88.89
170	1.4178	94.45
180	1.5012	100.00
190	1.5846	105.56
200	1.668	111.11

CORON 18-3-6 (50% CRN) W/ 0.5% FE

RATE OF N (PPM)	LBS OF N PER 1000 GAL SOLUTION	OZ OF CORON ADDED TO 1000 GAL OF WATER
70	0.5838	37.95
80	0.6672	43.37
90	0.7506	48.79
100	0.834	54.21
110	0.9174	59.63
120	1.0008	65.05
130	1.0842	70.47
140	1.1676	75.90
150	1.251	81.32
160	1.3344	86.74
170	1.4178	92.16
180	1.5012	97.58
190	1.5846	103.00
200	1.668	108.42