

GROWTH REGULATORS AS SPRAYS

SPRAY 1 GAL. OF SOLUTION PER 200 SQ. FT. OF AREA FOR THE FOLLOWING GROWTH REGULATORS:

A-REST

26 ppm = 126 fl. oz./10 gal. of water
66 ppm = 320 fl. oz./10 gal. of water
132 ppm = 640 fl. oz./10 gal. of water

B-NINE SP

2500 ppm = 4 oz./ 10 gal. water or 20 large scoops*
3750 ppm = 6 oz./10 gal. water
5000 ppm = 8 oz./10 gal. water or 40 large scoops*

BONZI

25 ppm = 8 fl. oz. per 10 gal. water
50 ppm = 16 fl. oz. per 10 gal. water
100 ppm = 32 fl. oz. per 10 gal. water

CYCOCEL (CHLORMEQUAT)

1500 ppm (1 to 80) = 1 pt. per 10 gal. of water or 1.63 fl. oz. per 1 gal. of water

FLOREL

300 ppm = 9.6 fl. oz. per 10 gal. of water
500 ppm = 16 fl. oz. per 10 gal. of water

GIBBRO 4.0% (GIBBERELIC ACID)

5 ppm = 0.2 fl. oz. per 10 gal. of water
25 ppm = 1 fl. oz. per 10 gal. of water
500 ppm = 20 fl. oz. per 10 gal. of water or 2 fl. oz. per gal. of water

SUMAGIC

1 ppm = 2.6 fl. oz. per 10 gal. of water
5 ppm = 12.8 fl. oz. per 10 gal. of water
20 ppm = 51.2 fl. oz. per 10 gal. of water

*approximate dosage only.

*check label for drench rate application

SOIL MIX VOLUMES

1 bushel		= 1 1/4 cu. ft.
1 cu. yd.	= 22 bushels	= 27 cu. ft.
100 sq. ft. of bench area		= 50 cu. ft. or 40 bu. of soil mix (6" soil depth)



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INSECTICIDES & FUNGICIDES MEASUREMENT TIPS

CHIPCO 26019 50 WP	1 oz. = 6 TBSP + 1 tsp.
CLEARY'S 3336 FL	1 oz. = 2 TBSP
DIPEL	1 oz. = 3 TBSP + 1 tsp.
DURSBAN 50 WP	1 oz. = 4 TBSP + 2 tsp.
DYCARB 76 WP	1 oz. = 5 TBSP
MARATHON IG	1/3 tsp. per 5 1/2" to 7" pot
ORNALIN 50 WP	1 oz. = 6 TBSP + 3/4 tsp.
ORTHENE 75 SP*	1 oz. = 4 TBSP + 1 1/2 tsp.
STRIKE (BAYLETON 25 DF)	1 oz. = 3 TBSP + 1 tsp.
TALSTAR 10WP	1 oz. = 3 TBSP + 1 tsp.
TERRACLOR 75 WP	1 oz. = 3 TBSP + 1 1/2 tsp.
THIODAN 50 WP	1 oz. = 3 TBSP + 1/4 tsp.
TRUBAN 30 WP	1 oz. = 3 TBSP + 1/4 tsp.

LIQUID EQUIVALENT TABLE

100 gal.	25 gal.	12 1/2 gal.	5 gal.	1 gal.
2 gal.	2 qt.	1 qt.	12 7/8 oz.	2 1/2 gal.
1 gal.	1 qt.	1 pt.	6 1/2 oz.	1 1/4 oz.
2 qt.	1 pt.	8 oz.	3 1/4 oz.	5/8 oz.
1 qt.	1/2 pt.	4 oz.	1 9/16 oz.	5/16 oz.
1 1/2 pt.	6 oz.	3 oz.	1 1/4 oz.	1/4 oz.
1 pt.	4 oz.	2 oz.	7/8 oz.	3/16 oz.
8 oz.	2 oz.	1 oz.	7/16 oz.	1/2 tsp.
4 oz.	1 oz.	1/2 oz.	1/4 oz.	1/4 tsp.

SOLID EQUIVALENT TABLE

100 gal.	25 gal.	12 1/2 gal.	5 gal.	1 gal.
4 oz.	1 oz.	1/2 oz.	3/16 oz.	1/4 tsp.
8 oz.	2 oz.	1 oz.	3/8 oz.	1/2 tsp.
1 lb.	4 oz.	2 oz.	7/8 oz.	1 tsp.
2 lb.	8 oz.	4 oz.	1 3/4 oz.	2 stp.
3 lb.	12 oz.	6 oz.	2 3/8 oz.	2 2/5 oz.
4 lb.	1 lb.	8 oz.	3 1/4 oz.	3 4/5 oz.
5 lb.	1 1/4 lb.	12 oz.	4 oz.	4 4/5 oz.

COVERAGE ESTIMATES

Thickness	4 cu. ft.	6 cu. ft.	1 cu. yd.
	Perlite	Peat	Mulch/Topsoil
2 inches	24 sq. ft.	72 sq. ft.	162 sq. ft.
1 inch	48 sq. ft.	144 sq. ft.	324 sq. ft.
1/2 inch	96 sq. ft.	288 sq. ft.	648 sq. ft.
1/4 inch	192 sq. ft.	576 sq. ft.	1296 sq. ft.

SOIL VOLUME EQUIVALENTS

SANDY SOIL, DRY		
cu. ft. = 90 lbs.	cu. yd. = 2430 lbs.	bushel = 112 lbs.
LOAMY SOIL, DRY		
cu. ft. = 80 lbs.	cu. yd. = 2160 lbs.	bushel = 100 lbs.
CLAYEY SOIL, DRY		
cu. ft. = 75 lbs.	cu. yd. = 2025 lbs.	bushel = 94 lbs.