

Ratios and Concentrations for Constant Feeding with Water Soluble Fertilizers

15% Nitrogen Formulas (15-15-15, 15-16-17, 15-0-15 etc)

Injector Ratio	Per Gallon of Concentrate		
	100 PPM Nitrogen	150 PPM Nitrogen	200 PPM Nitrogen
1:200	18.00 oz. (1.1250 lb.)	27.00 oz. (1.6875 lb.)	36.00 oz. (2.2500 lb.)
1:150	13.50 oz. (.8437 lb.)	20.25 oz. (1.2656 lb.)	27.00 oz. (1.6875 lb.)
1:128	11.52 oz. (.7200 lb.)	17.28 oz. (1.0800 lb.)	23.04 oz. (1.4400 lb.)
1:100	9.00 oz. (.5625 lb.)	13.50 oz. (.8437 lb.)	18.00 oz. (1.1250 lb.)
1:50	4.50 oz. (.2812 lb.)	6.75 oz. (.4218 lb.)	9.00 oz. (.5625 lb.)
1:15	1.35 oz. (.08437 lb.)	2.025 oz. (.1265 lb.)	2.70 oz. (.1687 lb.)

20% Nitrogen Formulas (20-20-20, 20-10-20, 20-0-20, etc)

Injector Ratio	Per Gallon of Concentrate		
	100 PPM Nitrogen	150 PPM Nitrogen	200 PPM Nitrogen
1:200	13.50 oz (.8437 lb.)	20.25 oz (1.2656 lb.)	27.00 oz (1.6874 lb.)
1:150	10.125 oz (.6328 lb.)	15.187 oz (.9492 lb.)	20.25 oz (1.2656 lb.)
1:128	8.64 oz. (.5398 lb.)	12.96 oz (.8097 lb.)	17.28 oz (1.0796 lb.)
1:100	6.75 oz. (.4218 lb.)	10.125 oz (.6328 lb.)	13.50 oz (.8437 lb.)
1:50	3.375 oz. (.2109 lb.)	5.0675 oz (.3164 lb.)	6.75 oz (.4218 lb.)
1:15	1.012 oz (.06327 lb.)	1.518 oz (.09492 lb.)	2.025 oz (.1265 lb.)

25% Nitrogen Formulas (25-5-20, 25-10-10, 25-0-25, etc)

Injector Ratio	Per Gallon of Concentrate		
	100 PPM Nitrogen	150 PPM Nitrogen	200 PPM Nitrogen
1:200	11.00 oz (.6875 lb.)	16.50 oz (1.0312 lb.)	22.00 oz (1.375 lb.)
1:150	8.25 oz (.5156 lb.)	12.375 oz (.7734 lb.)	16.50 oz (1.0312 lb.)
1:128	7.04 oz (.4399 lb.)	10.56 oz (.6598 lb.)	14.08 oz (.8798 lb.)
1:100	5.50 oz (.3437 lb.)	8.25 oz (.5156 lb.)	11.00 oz (.6875 lb.)
1:50	2.75 oz (.1718 lb.)	4.125 oz (.2578 lb.)	5.50 oz (.3437 lb.)
1:15	.825 oz (.05155 lb.)	1.237 oz (.07734 lb.)	1.65 oz (.1031 lb.)

30% Nitrogen Formulas (30-10-10, etc)

Injector Ratio	Per Gallon of Concentrate		
	100 PPM Nitrogen	150 PPM Nitrogen	200 PPM Nitrogen
1:200	9.00 oz (.5625 lb.)	13.50 oz (.8437 lb.)	18.00 oz (1.125 lb.)
1:150	6.75 oz (.4218 lb.)	10.125 oz (.6328 lb.)	13.50 oz (.8437 lb.)
1:128	5.76 oz (.3599 lb.)	8.64 oz (.5398 lb.)	11.52 oz (.7198 lb.)
1:100	4.50 oz (.2812 lb.)	6.75 oz (.4218 lb.)	9.00 oz (.5625 lb.)
1:50	2.25 oz (.1406 lb.)	3.375 oz (.2109 lb.)	4.50 oz (.2812 lb.)
1:15	.675 oz (.04218 lb.)	1.012 oz (.06327 lb.)	1.35 oz (.08437 lb.)

Source: Griffin Greenhouse and Nursery Supplies
 Information applies to Scott's, Jack's and Plantex water soluble fertilizers