

Jack's
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WATER-SOLUBLE FERTILIZER

Product Number
77010

20-20-20 General Purpose

(FOR CONTINUOUS LIQUID FEED PROGRAMS)

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GUARANTEED ANALYSIS		F1313
Total nitrogen (N)	20%	
3.83% ammoniacal nitrogen		
6.07% nitrate nitrogen		
10.10% urea nitrogen		
Available phosphate (P ₂ O ₅)	20%	
Soluble potash (K ₂ O)	20%	
Magnesium (Mg), total	0.0500%	
0.0500% water soluble magnesium		
Boron (B)	0.0068%	
Copper (Cu)	0.0036%	
0.0036% chelated copper		
Iron (Fe)	0.0500%	
0.0500% chelated iron		
Manganese (Mn)	0.0250%	
0.0250% chelated manganese		
Molybdenum (Mo)	0.0009%	
Zinc (Zn)	0.0025%	
0.0025% chelated zinc		

Derived from: urea, ammonium phosphate, potassium nitrate, magnesium sulfate, boric acid, iron EDTA, manganese EDTA, zinc EDTA, copper EDTA, ammonium molybdate

Potential Acidity: 555 lbs. Calcium carbonate equivalent per ton.

Information regarding the contents and levels of metals in this product is available on the internet at: <http://www.aapfco.org/metals.html>

SUGGESTED FEEDING CONCENTRATIONS PPM NITROGEN
Jack's Professional® recommends these feed rates for the following crops. Remember to also consider plant stage, pot size, leaching fraction and environmental conditions when applying suggested rates. The quality of your water source will also affect overall feed rates, frequency and other additions in order to achieve optimum growth.

	Constant Liquid Feed (CLF)	Periodic (Every 7-10 days)
Plugs/Salt Sensitive	50-125	175-225
Woody Ornamentals	50-100	200-375
Bedding Plants	100-150	200-250
General Foliage	100-200	250-300
Cut Flowers	175-225	300-450
Garden/Landscape	200-300	400-750
Heavy Feeders Geraniums, Mums, Lilies, Poinsettias, Vegetables	200-300	350-400
Light Feeders NG impatiens, Fuchsia, Begonia, Fern, Orchid, Native perennial	75-150	200-250

MIXING INSTRUCTIONS
Chart displays the amount of dry fertilizer (oz.) to add to each gallon of water to make a concentrated solution. Please check your injector setting before use.

Desired N feed rate	Injector Setting			E.C. value (mmhos)
	1:15	1:100	1:200	
50 ppm	.5	3.38	6.75	22
100 ppm	1.0	6.75	13.5	47
200 ppm	2.0	13.5	27.0	129

Important Notes:
Limit of Solubility = 5 lbs per gallon
E.C. value is the best method to determine fertilizer strength. Fertilizer appearance may vary in color due to variation in raw material size and tracer dye distribution upon the particles in the bag. In solution, color will remain consistent.
For best results, use warm water to dissolve product. Jack's fertilizers are made with 100% soluble raw materials that will form a true solution. Some raw materials are slower to dissolve than others. Keep stock tank covered to reduce light and debris inputs.

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NET WT. 25LB (11.34KG)

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