

Jack's Custom for Hemp Production



Plant stage	PRE-PLANT ADDITION (If necessary)	START (Seedlings, Clones, Young Plants)	VEGETATIVE	BUD SET (Start of 12 hour photoperiod (Use 15-20-28 for 1-2 weeks))	FLOWER	LATE FLOWER	7- 14 DAY FLUSH (clear water)
Target EC		1.03	1.9	2.2	1.9	2.08	-
Target ppm (500)		515	950	1100	950	1040	-

Formula	ppm (mg/L)	Amount Per 100 Gallons of water or per gallon of stock with injector set at 1:100			You be the scientist, but let Jack's help! These formulas are designed to allow you to tweak your nutrients to achieve the balance of overall nutrition without the hassle of individual nutrient additions. Some growers follow our Jack's 3-2-1 program with this combination of formulas and achieve the elusive flexibility and stability in many different growing environments - note the calculations for both dilute solutions at 100 gallons OR per gallon of stock concentrate for injectors.	PRE-PLANT ADDITION (If necessary)	START (Seedlings, Clones, Young Plants)	VEGETATIVE	BUD SET (Start of 12 hour photoperiod (Use 15-20-28 for 1-2 weeks))	FLOWER	LATE FLOWER	7- 14 DAY FLUSH (clear water)
		Lbs.	Grams	dry ounces								
	ppm N											
		1-2 lbs. per cubic yard if media or soil contains less than 60 ppm calcium										
10-5-10 Media Mix					✓							FLUSH
15-6-17 Clone	125 ppm	0.69	312.4	11.0		✓						
18-8-23 Outdoor	200 ppm	0.93	420.6	14.8			✓			✓		
15-20-28	150 ppm	0.56	252.4	8.9				✓				
7-15-30 Finish	100 ppm	1.19	539.6	19.0							✓	
Epsom Salts	30 ppm (Mg)	0.22	100.0	3.5			✓	✓	✓	✓	✓	

Need some help with your mix?

Having trouble? Give us a ring, that's where we shine. That's right, we actually have real people here to listen and help you decide which formula is right for your growing environment. Some say it's as easy as ABC or 123 but we know that it's not. Our highly trained and personalized technical staff will answer your questions and walk you through everything you need to know from result interpretation from our onsite lab, to formula choice and to mixing advice. Reach out to us at 866-522-5752 or email us at info@jacksnutrients.com

