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RATE AND PLACEMENT FOR THE ENHANCED USE OF CRF IN VEGETABLES

Adriano ALTISSIMO Landlab Studio Associato, Italy

















Nutrition problems: Precise Rate							
Comparing fertigation to CRF							
Greenhouse-grown tomatoes							
Treatment	Fertilizer	kg/ha			Application		
		Ν	P ₂ O ₅	K ₂ O			
Farmer's practice	Liquid	660	240	840	Nutrigation at 2-days intervals		
CRF 50% FP	CRF 16-8-26	264 132 429		429	Base-dressing, irrigation schedu		
CRF 65% FP	(90-0-100% coated) Longevity: 6 months	432	216	702	same as in Farmers practice		
	Total yield (T/ha)	Marketable yield (T/ha)		yield	Mean fruit size (g)		
Farmer's Practice	126.72 a	111.23 a		a	166 a		
CRF 50% FP	124.89 a		109.97 a		173 b		
CRF 65% FP	140.16 b	126.83 b			171 b		
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Nutrition problems: Precise Placement							
Experiments in Advanced Nesting system on CRF and CRF's blends							
Species : Eggplar	it						
Year : 2008							
Fertilizer type: N-P-K fully coated (Haifa MULTICOTE)							
Nutrient level: 1 level - 70% of the	e farmer practice						
Nutrition plan :							
	Kg/ha	Eggplant					
		N	P2O5	K ₂ O			
	100	180	84	180	15		
	70	126	59	126			
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Nesting: 2009 trials							
Eggplant 2009							
	% Coat (N-P-K)	Average weight/plant (kg)					
	TEST	1,8	а				
	FERTIGATION	2,0	b c				
	BROADCAST	2,1	b c				
	100% coat (av. banding-nesting)	2,4	с				
	75-0-25 (av. banding-nesting)	2,4	с				
	33%coat (av. banding-nesting)	2,4	с				
	66% coat (av. banding-nesting)	2,4	с	12			
	100-10-50 (av. banding-nesting)	2,5	с				

Nesting: 2009 trials							
Eggplant 2009							
Applicati on Type	Average weight/plant (kg)	Application Type	% Coat (N-Р-К)	Average weight/plant (kg)	1 ANY		
BAND	2,27	BAND	100-10-50	2,2	а		
NESTING	2.55	BAND	33% coat	2,2	а		
		BAND	75-0-25	2,3	а		
		BAND	66% coat	2,4	ab		
		NESTING	66% coat	2,4	ab		
		NESTING	75-0-25	2,5	ab		
		NESTING	33% coat	2,5	ab		
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