

Table 5 Optimum/ threshold values of micronutrients in determining the major nutrient absorption

Micro-nutrient (X)	Major nutrient (Y)	Variety/rootstock	Best fit	X-Opt	Y-Max		
Fe	Ca	TS/OR	Q (+)	116.7	2.17	Thresh	
	Ca	2A/OR	Q (+)	100	2.09	Thresh	
	Ca	2A/DR	Q (+)	466.7	7.12	Opt	
	S	2A/OR	Q (+)	307.6	64.4	Opt	
	Na	2A/OR	Q (-)	63.6	9.3	Opt	
	Na	2A/DR	Q(+)	516.6	32.9	Opt	
Mn	P	TS/DR	Q (+)	66.0	38.6	Thresh	
	P	2A/OR	Q (+)	129.8	72.6	Thresh	
	K	TS/DR	Q (+)	435.9	83.5	Opt	
	K	2A/OR	Q (-)	210.2	19.8	Thresh	
	K	2A/DR	Linear	-	-		
	Ca	TS/OR	Q (+)	106.3	2.4	Thresh	
	Ca	2A/DR	Q (+)	500	5.25	Opt	
	Mg	2A/OR	Linear	-	-		
	Mg	2A/DR	Q (+)	650	6.76	Opt	
	S	TS/DR	Linear	-	-		
	Na	TS/OR	Q (+)	209.6	16.3	Opt	
	Na	2A/OR	Q (+)	257.1	22.2	Opt	
	Na	2A/DR	Q (+)	380.8	23.0	Opt	
	Zn	P	TS/DR	Q (-)	121.1	105	Opt
P		2A/DR	Q (+)	121.2	38.5	Thresh	
Mg		TS/OR	Q (+)	65.2	4.43	Thresh	
Mg		2A/OR	Q (-)	96.7	5.27	Opt	
Mg		2A/DR	Q (+)	112.9	3.43	Thresh	
S		TS/DR	Q (-)	118.8	42.3	Opt	
Na		2A/OR	Q (-)	117.1	19.9	Opt	
Na		2A/DR	Q (+)	66.7	15	Thresh	
Cu		P	TS/DR	Q (+)	111.9	31.8	Thresh
		K	TS/DR	Q (+)	105.4	12.9	Thresh
	K	2A/DR	Q (+)	155.6	45.7	Thresh	
	S	TS/DR	Q (+)	149.3	8.9	Thresh	

Note: TS = Thompson Seedless; 2A = Clone 2A; OR = Own root; DR = Dog Ridge