

TOMATOES

Crop uptake and form

Element	Symbol	Approx. crop uptake by tomato (lb/acre)	Form(s) taken up from soil
Nitrogen	N	250	NO_3^- , NH_4^+
Phosphorus	P	40	HPO_4^{2-} , H_2PO_4^-
Potassium	K	300	K^+
Calcium	Ca	180	Ca^{2+}
Magnesium	Mg	80	Mg^{2+}
Sulfur	S	80	SO_4^{2-}
Chlorine	Cl	60	Cl^-
Iron	Fe	1	Fe^{2+} , Fe^{3+}
Manganese	Mn	0.4	Mn^{2+}
Boron	B	0.3	H_3BO_3 , BO_3^-
Zinc	Zn	0.3	Zn^{2+}
Copper	Cu	0.1	Cu_2^+
Molybdenum	Mo	0.01	MoO_4^-
Cobalt	Co	< 0.01	Co^{2+}
Nickel	Ni	< 0.01	Ni^{2+}