

TOMATO PROGRAM

LARGE ROUND • DETERMINATE • GREENHOUSE • SALADETTE • CHERRY • GRAPE • PASTE



Application Timing	Product Choices	Rates	Comments
Transplanting	Essential® Plus 1-0-1	32 oz per 100 gallons water (250 ml per 100 L water). Drench starter plants prior to transplant or as a directed spray after planting to field.	Essential® and Companion® can be combined in one application
	Companion® Biological Fungicide	16 oz per 100 gallons water (125 ml per 100 L water). Drench starter plants prior to transplant or as a directed spray after planting to field.	
	Bloomtastic Starter Plus 8-32-5	32 to 64 oz per 100 gallons of water per acre. (250-500 ml per 100 L water)	Encourages rooting
Field Crop Make first application at Active Growth Period	Essential® Plus 1-0-1	Broadcast Spray: Apply 64 fl oz per acre to the ground. (5 L / Ha) Band-Spray & Drip Irrigation: 32 fl oz per acre (2.3 L / Ha)	Make application monthly after the plant is actively growing to encourage rooting and nutrient uptake
	Companion® Biological Fungicide	Band-Spray & Drip Irrigation: 32 fl oz per acre (2.3 L / Ha)	<ul style="list-style-type: none"> • Protects plants from common soil borne diseases. • Keeps a healthy population of beneficial microbes in the soil to encourage rooting.
Apply 4 weeks prior to bloom	Bloomtastic Starter Plus 8-32-5	Apply ½ to 2 gal. per acre as a foliar application (4 - 18 L per Ha)	Increases flowing & pollination with technical grade phosphoric acid
	Nitro-30® (30-0-0) 85% SRN	OR Apply ½ to 2 gal. per acre as a foliar application (4 - 18 L per Ha)	Avoid N deficiency at this critical growth stage
Apply at fruit set	Nitro+K (22-0-16)	Apply ½ to 2 gal. per acre as a foliar application. (4 - 18 L per Ha)	This application will help in the production of good quality fruits
	Nitro-30® (30-0-0) 85% SRN	OR Apply ½ to 2 gal. per acre as a foliar application (4 - 18 L per Ha)	This application is good if the plant only requires N
	Essential® Plus 1-0-1	Foliar Spray: 32 oz per 100 gallons of water per acre (250 ml per 100 L Water) Band-Spray & Drip Irrigation: 32 fl oz / acre (2.5 L / Ha)	Encourages fruit set and increases yield
Apply every 3 to 4 weeks to mid point in harvest season	Essential® Plus 1-0-1	Broadcast Spray: Apply 64 fl oz per acre to the ground. (5 L / Ha) Band-Spray & Drip Irrigation: 32 fl oz per acre (2.5 L / Ha)	<ul style="list-style-type: none"> • Increases cation exchange capacity of soils • Improves root growth and fertilizer uptake
	Companion® Biological Fungicide	Band-Spray & Drip Irrigation: 32 fl oz per acre (2.5 L / Ha)	Maintains population of beneficial microbes and protects roots
Other supplements to consider, monthly, or as needed	Cal Mag Max (7-0-3)	Apply 16 to 32 oz per 100 gallons water monthly or as needed. (125-250 ml per 100 L water)	Strengthens cell walls in fruit skins
	"TKO" Phosphite 0-29-26	Apply 32 - 64 oz per 100 gal water as a foliar spray (250-500 ml per 100 water)	Aids in bloom set and increases root mass
	MicroTech CT (4-0-0)	Apply 32 - 64 oz / 100 gal water as foliar spray. (250-500 ml per 100 L water)	To prevent iron deficiencies
	Recover Rx 3-18-18	32oz per 100 gallons water monthly or as needed. (250 ml into 100 liter water)	Increases rooting and Bloom set