



Premium products for quality crops

Sangral™ 20-20-20 + TE

NPK Specific Information

Sangral™ 20-20-20 has a N:P₂O₅:K₂O ratio of 1:1:1. It is one of the most popular NPK formulas because of its multipurpose use during the season. Also during periods of stress, this high concentration formula provides a complete nutrition for plants.

Fertigation/Drip Irrigation Schedule :

CROPS	APPLICATION TIME	AVERAGE DOSAGE PER WEEK	NUMBER OF APPLICATIONS PER WEEK
Vegetables: Tomato, Cucumber, Melon, Strawberry, Pepper etc.	Transplant and vegetative growth	20 kg/ha	3-6
	Flowering to ripening	50 kg/ha	3-6
	Harvest	75 kg/ha	3-6
Greenhouse crops: Tomato, Cucumber, Melon, Strawberry, Pepper, etc.	Same general recommendation but more frequent fertigation up to 10 times a week		
Fruits: Melon, Watermelon, etc.	Planting and vegetative growth	45 kg/ha	3-6
	Flowering to fruit initiation	70 kg/ha	
	Fruit development to harvest	20 kg/ha	3-6
Fruit trees: Stone fruits, Apple, Quince, Dates, Pomegranate, Banana and Pistachios, etc.	During fruit development	135 kg/ha	2-6
	Ripening of the fruits	30 kg/ha	2-6
Citrus: Young trees Bearing trees	Winter to spring	60 kg/ha	2-6
	Young trees Bearing trees	Spring to fruit development	170 kg/ha
Grapes	Grape growth to fruit initiation	45 kg/ha	2-4
	Fruit development and growth	35 kg/ha	2-4
	Grape ripening	15 kg/ha	2-4
Potato	Initial growing phase	25 kg/ha	3-5
	Plant growth up to 15 cm	55 kg/ha	3-5
	During tuberization	45 kg/ha	3-5
Cereals and Tobacco: Wheat, Rice, Corn, Barley, and Tobacco, etc.	Early Growth to panicle initiation	50 kg/ha	3-4
	Flowering to grain filling and maturation	80 kg/ha	3-4
	Grainfilling and maturation	100 kg/ha	3-4
Ornamentals: Rose, Carnation, Gerbera, Bulbs, etc.	Between shoot and harvest of flower	33 kg/ha	2-5





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Foliar Application Schedule :

CROP	RATE PER APPLICATION	APPLICATION TIME	NUMBER OF APPLICATION
Field crops	9-11 kg / ha	Starting from leaf emergence	3 times per season
Orchards	1-3 kg /1000 liter of water	Starting from leaf emergence	2-5 times per season

- Recommended time of application is early in the morning or in the late afternoon.
- When a range of rates is recommended, the lower rate should be applied when leaves are young and the higher rate to fully grown leaves.
- To obtain maximum benefit, foliar applications should be started as early as possible in the season, as soon as there is sufficient leaf area to absorb the spray.



Sangral™ is a top leading brand because of its excellent performance and pure quality. It is a well-established brand, and has a long proven history of satisfying farmers in their daily crop requirements.

