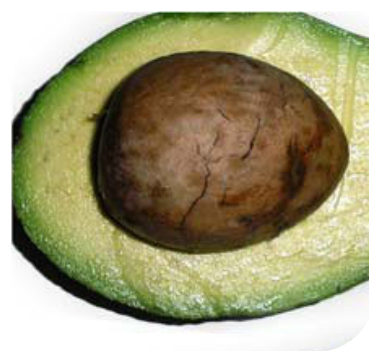




ADVOCADO FERTIGATION

GENERAL

The plant density varies from 200 to 400 plants/ha. Avocado generally grows on light to medium soils, with an optimum pH ranging from 5 to 8. It might develop on heavier soils but it has to be well-drained. The nitrogen (N) deficiency occurs quite often, followed by the zinc one. One usually improves the situation by regular foliar application of nitrogen solution (urea based) and zinc liquid fertilizer, the latest, by early application on young leaves.



NUTRIENT REMOVAL BY YIELD (in normal growth conditions)

Element	N	P ₂ O ₅	K ₂ O	MgO	S	CaO
In kg/ha per 10 T of fruit	11-28	4-8	23-54	1.8-8.8	8.0	2.9-3.3

(Source IFA)

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FERTIGATION ADVICE

Expected yield:

20 T/ha- Fertilisation advice: N : 105 kg/ha- P₂O₅ : 105 kg/ha- K₂O : 210 kg/ha

Phenologic stage		From 2 weeks before flowering till end of fruit development		
Irrigation	Number of days	194 days (for early varieties)		
	Fertilising elements	N	P ₂ O ₅	K ₂ O
	Requirements in fertilising elements	105	105	210
	NPK ratio	1	1	2
	Formulation	15*15*30 + TE		
	Number of kg/ha	700		
	Number of kg/ha/day	3,6 kg/day or 25 kg/week/ha		

Foliar treatment	Phenologic stage	Formulation	Dosages
	before flowering	SUPREMO L 100 B +Mn+S	4 l/ha (or 2 x 2l/ha)
	at the early stage of development (young leaves)	SUPREMO L 599 Zn +N	2 x 1 l/ha

Yield deviation: per any 10T increase of the yield, add 350 kg of 15*5*30 + T.E during the last 2 months.

Notice: Formulae and recommended doses correspond to the plant average needs, cropped on well-balanced soils. They must be adapted to the soil, the climate, the cropping conditions, the variety, the water management and the yield target. Fertigation schedule indicate daily fertilizer requirements per ha. In case of irrigation in time intervals other than daily, the amount of fertilizer to be given has to be increased proportionally. The base dressing (organic and/or mineral) should be deducted from advised recommendations.

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