



# SQUASH FERTIGATION

## GENERAL

Production goes from beginning of June till end of July.

The blossom of female flowers begins 40 days after replanting period, the one of male flowers, 60 days later.

The squash production requires a deep, well-provided in organic matter and well-drained soil. The optimal pH ranges from 5,5 till 6,8. The production cycle is quite short (90 to 105 days maximum). The expected yields under cover varies from 80 to 100 M.T. /ha

The KETP goes from 0,4 to 0,6 from replanting till blossom period, is of 0,8 from blossom period to beginning of harvesting period and 0,9 to 1,2 in full production. We recommend using nitric nitrogen for the first flowering. The highest requirement in nitrogen occurs 15 days before the first harvest, at the fruit development stage.

The squash is very sensitive to molybdenum and (Mo) and iron (Fe) deficiencies, less to manganese (Mn) and magnesium (Mg) ones.



## NUTRIENT REMOVAL (in normal growth conditions)

	Yield	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O
Total	80 to 100 T	6.4 kg N/T	3,1 kg/T	16,1 kg/T

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## FERTIGATION ADVICE

Expected yield:

100T/ha- Fertilisation advice: N: 330 kg/ha- P<sub>2</sub>O<sub>5</sub>: 180 kg/ha- K<sub>2</sub>O: 660 kg/ha

Irrigation	Phenologic stage	3 days after replanting till beginning of flowering			From beginning of flowering till 10 days before the end of harvest		
	Number of days	40			60		
	Fertilising elements	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O
	Requirements in fertilising elements	105	105	210	225	75	450
	NPK ratio	1	1	2	3	1	6
	Formulation	15*15*30			15*05*30		
	Number of kg/ha	700			1500		
	Number of kg/ha/day	17.5			25		

Foliar treatment	Phenologic stage	Formulation	Dosages
	10 leaves	SUPREMO L 259 P +Mg+Mn+N	5 l/ha
	8 days after 10 leaves	SUPREMO L 100 B +Mo+S	5 l/ha
	from flowering till beginning of harvest	SUPREMO L NPK 8/8/6 +TE	3 x 5 l/ha

Yield deviation: By 10 T/ha of deviation, fertilisation advice will be reduced or added of 200 kg of 15\*5\*30 + T.E at stage 2.

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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