

Jaques Landman
SUBTROP

		Details	Recommendation	July	August	September	
		Beskrywing	Aanbeveling	Julie	Augustus	September	
Fertilisation	Bemesting	Foliar spray Blaarbespuiting	Zn, B, Cu, Mn on 1st male flower Cytokinins on female flower (optional) KNO ₃ (2%) on female flower (optional)				
			Zn, B, Cu, Mn op 1ste manlike blom Sitokiniene op vroulike blom (opsioneel) KNO ₃ (2%) op vroulike blom (opsioneel)				
		Soil application Grondtoediening	Adequate fertilisation limits stress and ensures healthy flower formation and good fruit set.	As soon as flowers appear: 50% of annual N&K, 100% of annual P		Early fruit set: 20% of annual N&K	
			Voldoende bemesting verseker gesonde blomvorming en goeie vrugset.	Sodra blomme verskyn: 50% jaarlikse N&K, 100% van jaarlikse P		Vroeë vrugset: 20% van jaarlikse N&K	
Sampling Monsterneming	Take leaf and soil samples. Check against leaf and soil norms to determine nutrient needs.						
	Neem blaar- en grondmonsters. Vergelyk blaar- en grondnorme om voedingsbehoeftes te bepaal.						
Insect control	Insekbeheer	Fruit fly Vrugtevlug	Monitor year round. ECO FRUITFLY BAIT GF-120 or *GF-120 NF; M3 bait station; bait application; bagging fruit	Apply GF-120 at 20-100 ml/400 ml *(or 1-1.2 L/19-29 L) of water at a rate of 60 ml *(or 20-30 L) spray mixture per tree. Use mixture within 12 hours. Do not add any other products to mixture.			
			Monitor deur die jaar. ECO VRUGTEVLIEGLOKAAS GF-120 of *GF-120 NF; M3 lokstasie; bespuiting van lokaas; sakkies om vrugte	GF-120 teen 20-100 ml/400 ml *(of 1-1.2 L/19-29 L) water met 'n aanwending van 60 ml *(of 20-30 L) mengsel per boom. Gebruik binne 12 ure na aanmaak en moenie met ander produkte meng nie.			
		Nematodes Aalwurm	Rugby 10G (cadusafos 100 g/kg) or Rugby 10ME (cadusafos 100 g/L)	Apply Rugby 10G at 15 g/m ² or Rugby 10ME at 15 ml/m ² tree drip area. Application must be followed by 35 mm irrigation / rainfall on sandy soils and 15 mm irrigation / rainfall on heavy clay soils within one week of application. Repeat annually. Note re-entry interval for Rugby 10ME: do not enter treated area within 1 day after treatment unless wearing protective clothing.			
			Nemacur 10GR (fenamiphos 100 g/kg) WHP 70 days	Dien Rugby 10G teen 15 g/m ² of Rugby 10ME op 15 ml/m ² boom drupsone. Toediening moet gevolg word deur 35 mm besproeiing / reën op sanderige grond en 15 mm besproeiing / reën op swaar kleigrond binne een week na die toediening. Herhaal jaarliks. Nota herbetreding vir Rugby 10ME: moenie behandelde gebied betree vir 1 dag na die bespuiting nie, tensy beskermende oorklere gedra word.			
		Apply Nemacur 10GR at 30 g/m ² tree basin area at initial treatment and 15 g/m ² on follow up treatment. Irrigate immediately after application with at least 25 mm water. (NB: Apply only during spring)					
		Dien Nemacur 10GR toe teen 30 g/m ² boom drupsone by die aanvanklike behandeling en 15 g/m ² in opvolgbehandeling. Besproei onmiddellik na toediening met minstens 25 mm water. (NB: Gebruik slegs gedurende die lente)					

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Insect control Insekbeheer	Bark borer Basboorder		Regular scouting essential. Spray lesions with Sevin [®] XLR Plus 480 g/L at 450 ml per 100 L water. Do not spray the whole tree but only affected areas on the stem.			
			Gereelde verkenning noodsaaklik. Spuit letsels met Sevin [®] XLR Plus 480 g/L by 450 ml per 100 L water. Moenie die hele boom spuit nie maar slegs gebiede op stam wat geraak is.			
Tree management Boombestuur	Irrigation Besproeiing	Flower growth and fruit set uses a lot of energy so steadily increase irrigation to limit stress and enhance good fruit set and development (see Table for water requirement guidelines).	<i>Blomgroei en vrugset gebruik baie energie. Verhoog besproeiing geleidelik om stremming te beperk en goeie vrugset en ontwikkeling te verbeter (sien Tabel vir besproeiingsriglyne).</i>			
	Bee management Byebestuur	Ensure +/- 4 bee hives per ha - bees are essential for maximum fruit set	<i>Voorsien +/- 4 korwe per ha - bye is noodsaaklik vir maksimum vrugset</i>			
	Propagation Vermeerdering	Make air-layers or graft on rootstocks	<i>Maak luginlêers of ent op onderstamme</i>			
Land preparation and new orchard establishment Grondvoorbereiding en nuwe boordaanplanting	Soil preparation for new orchards		Rectify P and pH for new orchards	Establish new orchards		
	Grondvoorbereiding vir nuwe boorde		<i>Herstel P-vlakke en pH vir nuwe boorde</i>	<i>Vestig nuwe boorde</i>		

Irrigation guidelines July - September

Besproeiingsriglyne Julie - September

Water requirement guidelines: litre / tree / day at specific canopy coverage / ha planted 9 x 6 m (185 trees / ha) (Note: only a guideline! Needs to be adjusted for different areas with scheduling tools e.g. tensiometers, probes, evaporation pan and crop factor).

Besproeiingsriglyne: liter / boom / dag by spesifieke boombedekking / ha geplant 9 x 6 m (185 bome / ha) (Let wel: slegs 'n riglyn en behoort aangepas te word vir verskillende gebiede met skeduleringstoerusting bv tensiometers, 'probes', verdampingspan en gewasfaktor).

Orchard maturity	July	August	September
Boordvolwassenheid	Julie	Augustus	September
At planting / met plant	8	11	15
25%	19	28	38
50%	38	57	76
75%	57	85	114
100%	76	114	151
Tensiometer 0-30 cm	Micro: -10 to -30 kPa Drip: -4 to -15 kPa		
Tensiometer 30-60 cm	Micro: -15 to -30 kPa Drip: -10 to -20 kPa		