

Products registered for disease (post-harvest) control

Updated: May 2013 - SUBTROP/SALGA (Valid for 2013/14 season)

Disease	Active ingredient	Trade name/s	Company	Formulation		Dosage (Per 100 L water, or as indicated)	
				Type	Grams pure active ingredient		
Post-harvest decay	Shell becomes light to dark brown in colour. Fruit rot.						
	fludioxonil	Scholar	Syngenta	SC	230 g/l	130 ml	
	prochloraz zinc complex	Chronos 450 SC	Makhteshim-Agan SA	SC	530 g/L / 450 g/L Prochloraz equivalent	180 ml	
	sulphur	Fumigation Sulphur	JCJ Agri Chem c.c.	GE	995 g/kg	1 kg / 1 600 kg fruit	

Note: New / Changes highlighted in yellow or red writing

Products registered for weed control on litchis in SA

Updated: May 2013 - SUBTROP/SALGA (Valid for 2013/14 season)

Active ingredient	Trade name/s	Company	Formulation			Dosage (Per ha, or as indicated)
			Type	Grams pure active ingredient	% Clay	
carfentrazone-ethyl	Aurora 40WG	FMC Chemicals / Philagro	WG	400 g/kg	-	25 g/ha + 3 L/ha glyphosate
cycloxydim	Focus Ultra	BASF	EC	100 g/L	-	0.8 - 4 L/ha
glufosinate ammonium	Basta	Bayer	SL	200 g/L	-	3 - 7.5 L/ha
glyphosate (various salts)	<i>Various</i>	<i>Various</i>	<i>Various</i>	<i>Various</i>	-	see relevant labels

Note: MRLs are always at time of harvest

Registered Plant Growth Regulators for litchis in SA

Updated: May 2013 - SUBTROP/SALGA (Valid for 2013/14 season)

Growth regulating activity	Active ingredient	Trade name/s	Company	Formulation		Dosage (Per 100 L water, or as indicated)
				Type	Grams pure active ingredient	
Fruit drop reduction	Trichlopyr 3,5,6 TPA (pyridylozy compound)	Maxim	Arysta LifeScience	Soluble Tablet	100 g/kg	2 Tablets / 100 L water
Fruit drop reduction and Increased fruit mass/size						4 Tablets / 100 L water
Control of late autumn vegetative flush (<i>end March to beginning of May</i>)	Ethapon	Ethapon SL	Plaaskem	SL	480 g/L	Dry autumn: 104 ml / 100 L (500 ppm)
						Wet autumn: 208 ml / 100 L (1 000 ppm)
Vegetative growth control	paclobutrazol	Cultar	Syngenta	SC	250 g/L	Initial treatment: 0.8 - 1.6 ml / m ² tree canopy / 250 - 500 ml water as a soil drench.
		Avocet	UCP			Follow-up treatments: 0.8 ml /m ² tree canopy / 250 - 500 ml water as a soil drench.

Note: New / Changes highlighted in Yellow or Red writing

on litchis in SA

All product labels are available for download from: <http://litchisa.co.za/disease%20management.html>

Withholding period (Days)	Application
1	In-line dip/drench for the control of fruit rot, soft brown rot or stem-end rot and Anthracnose. DO NOT make more than one (1) post-harvest application to the fruit. Ensure that SCHOLAR solution remains in suspension by using agitation. Dip fruit for approximately 30 seconds and allow fruit to drain.
-	Product has been registered as a pack house treatment (30 second dip at room temperature) on litchis for SA local market use ONLY - NOT TO BE USED FOR EXPORT FRUIT.
-	Fresh litchis ONLY. Fumigate for 20 - 30 min in non-SO ₂ absorbent containers in a gas tight container or room. Discontinue fumigation when fruit attains a cream colour with a slight pink tinge. Aerate fruit after treatment

All product labels are available for download from: <http://litchisa.co.za/Product%20Labels%20Herbicides.html>

Time of application	Withholding period (Days)	Application
Post emergence	-	Annual broad-leaved weeds. Tank mix only with glyphosate (3 L/ha).
Post emergence	40	Annual and perennial grasses. Dosage depends on grass species and their growth stage.
Post emergence	-	Annual and perennial grasses, broad-leaved weeds, yellow and purple nutsedge. Prevent spray contact with leaves, active buds and fruit. Dosage depends on the size of the weeds.
Post emergence	-	Annual and perennial weeds. Prevent spray contact with leaves, green stems and fruit.

All product labels are available for download from: <http://litchisa.co.za/product%20labels%20plant%20growth%20regulators.html>

Withholding period (Days)	Application
28	Mauritius cultivar only! Apply a single application after the end of second physiological fruit drop when average fruit mass is at the 2 gram stage. Apply to the point of run-off at a rate of 2000-2500 L / ha (Medium cover spray). Optimum pH 4.5 – 5.0.
	Mauritius cultivar only! Apply a single application after the end of second physiological fruit drop when average fruit mass is at the 3-4 gram stage. Apply to the point of run-off at a rate of 2000-2500 L / ha (Medium cover spray). Optimum pH 4.5 – 5.0.
-	Mauritius and McLeans Red only! Apply as a spot spray to young soft vegetative flush just after leaf unfolding. Ensure thorough coverage of the young vegetative flush with the spray solution. Do not apply to sick / stressed trees. Do not mix with other products. Optimum pH 4.0 – 5.0.
-	Soil drench application: Apply products to irrigated orchards only.
	Initial treatment: Use the higher dosage rate on vigorously growing trees and the lower dosage rate on trees growing less vigorously. Apply in 250 to 500 ml water as a soil drench around the trunk of the tree. After the initial treatment, apply the follow-up treatments at yearly intervals.
	Follow-up treatments: Apply the follow-up treatment at yearly intervals. Apply in 250 to 500 ml water as a soil drench around the trunk of the tree.