

Summary of registered chemicals, MRLs & PHIs on litchis in SA

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

The latest MRLs list is available for download from: <http://litchisa.co.za/FoodSafety.html>

Active ingredients registered for use on litchis in South Africa	SA MRL	EU harmonised MRL	
	(ppm)	(ppm)	
Cadusafos	-	0.01*	
Carbaryl (F)	-	0.01*	
Carfentrazone-ethyl	-	0.01*	
Cycloxydim (including degradation and reaction products which can be determined as 3-(3-thianyl)glutaric acid S-dioxide (BH 517-TGSO2) and/or 3-hydroxy-3-(3-thianyl)glutaric acid S-dioxide (BH 517-5-OH-TGSO2) or methyl esters thereof, calculated in total as cycloxydim)	-	0.05*	
Fenamiphos (sum of fenamiphos and its sulphoxide and sulphone expressed as fenamiphos)	0.05	0.02*	
Fludioxonil	0.05	0.05	
Glufosinate ammonium (sum of glufosinate, its salts, MPP and NAG expressed as glufosinate equivalents)	-	0.10*	
Glyphosate (various salts)	-	0.10*	
Malathion / Mercaptothion (sum of malathion and malaoxon expressed as malathion)	4	0.02*	
Methoxyfenozide	1	0.02*	
Paclobutrazol	0.05	0.50	
Prochloraz (PHT) (sum of prochloraz and its metabolites containing the 2,4,6-Trichlorophenol moiety expressed as prochloraz)	1.50	0.05*	
Spinosad (sum of spinosyn A and spinosyn D, expressed as spinosad) (F)	-	0.02*	
Sulphur (SO2) (PHT)	55 (pulp/fruit flesh)and	10 ("food additive") / No MRL (as "Sulphur")	
Teflubenzuron	0.02	0.05*	
Trichlorfon	0.20	0.01*	
Triclopyr (3, 5, 6 TPA (pydylozy compound))	-	0.10*	
Triflumuron (F)	0.10	0.05*	

Notes:

New / Changes highlighted in yellow or red writing

MRL = Maximum Residue Level (Measured in mg/kg = ppm)

PHI = Pre Harvest Interval (Time from spray/application till Harvest - measured in days)

"Export default MRL" - Random fruit samples drawn by PPECB will be tested by the DAFF laboratory and must be below these "default" Residue levels for export!

* = LOD = Limit of detection or Lowest level of detection - by analytical equipment

PHT = Pack House Treatment / Post Harvest Treatment (application on harvested commodity)

"-" = no value has been set, and does NOT necessarily mean = 0



	USA MRL (ppm)	CODEX MRL (ppm)	CHINA MRL (ppm)	"Export default MRL" (ppm)	Withholding period / PHI (pre-harvest interval) (Days)	Remarks
	-	-	-	0.01	-	
	-	-	-	0.01*	-	
	0.10	-	-	0.01*	-	
	-	-	-	0.05*	40	
	-	-	0.02	0.02*	70	
	-	-	-	0.05	1	SA MRL still to be confirmed by Dept. of Health
	-	0.05 ("Assorted tropical and sub-tropical fruit")	-	0.10*	-	
	0.20	-	0.10	0.10*	-	
	-	-	0.50	0.02*	30	
	2	-	-	0.02*	30	SA MRL still to be confirmed by Dept. of Health
	-	-	0.50	0.05	-	
	-	7.0 ("Assorted tropical and sub-tropical fruit")	2	0.05*	-	
	0.30	-	-	0.01*	1	
	-	-	-	10 (pulp/fruit flesh)	-	EU Directive 2006/52 provides for the use of sulphites (SO ₂) (E220 to E228) in litchis i.e. 10 mg/kg SO ₂ measured in edible pulp/ fruit flesh.
	-	-	-	0.02*	18 (SA)	
	-	-	0.20	0.01*		
	-	-	-	0.10*	28	
	-	-	-	0.05*	28 (SA)	Note: Product is no longer being manufactured but growers may still use any remaining stock.