

Tea Prod	luction (Mn kg):2012/2013	3 Jan-Jun
Elevation	2013	2012	Difference
	Qty (Mn kg)	Qty (Mn kg)	%
High	40.62 (24%)	39.30 (24%)	3.36
Medium	28.83 (17%)	27.72 (17%)	3.98
Low	102.80 (59%)	97.22 (59%)	5.74
Total	172.25	164.24	4.88
			Source: Sri Lanka Tea Board
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Tea Production 201 According to the Ag	2/13 gro-Clin	natic R	egions	
	Qt	y (Mn k	g)	
Agro-Climatic Region	2013	2012	Change (%)	
(A) Nuwara Eliya	2.32	1.95	18.76	
(B) Westerns	27.96	26.50	5.52	
(C) Mediums	23.46	22.14	5.95	
(D) Uda Pussallawa	4.61	4.68	(1.50)	
(E) Uva	15.41	15.62	(1.35)	
(F) Low Growns	98.49	93.35	5.51	
Grand Total	172.25	164.24		
			Source:	Gri Lanka Tea Board
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Month	Suns (hrs/	hine day)	Rair (mm/n	nfall nonth)	Aveı T _{max}	age (⁰C)	Aver T _{min}	age (ºC)
	2012	2013	2012	2013	2012	2013	2012	2013
January	8.49	6.36	13.5	126.2	25.6	23.3	9.0	13.1
February	5.96	6.03	96.9	56.5	25.7	24.9	11.5	12.1
March	8.63	6.29	77.4	173.7	26.5	25.5	9.4	13.3
April	5.00	7.09	250.4	103.7	24.6	25.8	13.6	13.7
May	7.24	3.31	36.5	271.1	25.3	24.1	13.2	16.3
June	3.18	0.43	99.7	631.8	22.9	20.3	15.8	16.3

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Comparison of sunshine hours/day: 2012/2013 January to June

Manth	Sunshine	(hrs/day)	Change	Zero Suns	hine days
wonth	2012	2013	%	2012	2013
January	8.49	6.36	(25)	0	7
February	5.96	6.03	05	1	4
March	8.63	6.29	(27)	0	1
April	5.00	7.09	42	0	0
May	7.24	3.31	(54)	0	5
June	3.18	0.43	(86)	3	19
Average	6.42	4.92	23.4	4	38

		<u> </u>		
	Rain		o/ 1	
Month	(mm/m	nonth)	% Increase	
	2012	2013		
January	13.5	126.2	835	
February	96.9	56.5	(-42)	
March	77.4	173.7	124	
April	250.4	103.7	(-59)	
May	36.5	271.1	643	
June	99.7	631.8	532	
Total	574.4	1363.0	137	

Month	Wet Days (>3mm)		% Change	
	2012	2013		
January	2	9	350	
February	6	5	(-17)	
March	4	10	150	
April	15	8	(-47)	
May	2	10	400	
June	9	25	178	
Total	38	67	76.3	



TRI Recommended Pesticide List – 22 Chemicals PU1 Circular – Revised in June 2012

Fungicides	Weedicides	Insecticides
Bitertanol	2,4-D	Carbofuran(N)
Copper Hydroxide	Diuron	Chlorfluazuron
Copper oxide	Glufosinate Ammonium	Diazinon
Copper Oxychloride	Glyphosate	Dazomet (N) - Use in nurseries
Hexaconazole	MCPA	Imidachloprid
Propiconazole	Oxyfluorfen	Fipronil
Tebuconazole	Paraquat	Metam Sodium(N) - Use in nurseries
		Sulphur(A)
Chemicals Removed		

Azadiractin, Carbosulfan, Fenthion, Phenamiphos, Propagite, Tebufenozide

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Гуре	Active Ingredient	Technical Issues	Market Restrictions
	Copper Hydroxide		
Fungicides	Copper Oxide	Quality Standards	-
	Copper Oxychloride	(73)	
Weedicides	Paraquat	Banned	
Insecticides	Carbofuran	Presently restricted, will be banned in 2014	
	Chlorfluazuron		Taken out from the market
	Imidachloprid		Taken out from the market
	Metam Sodium		
	Dazomet (Basamid)		

۱o.	Chemical	Estate	Year	Country of Detection
1	Chlorfluazuron	Up country Estates	Oct 2012	EU
2	Chlorfluazuron	Up country Estates	Oct 2012	EU
3	Diuron	Up country Estates	Oct 2012	EU
4	Diuron	Up country Estates	Oct 2012	EU
5	Anthroquinon	Low country Estate	Dec 2012	EU
6	Anthroquinon	Uva Estates	May 2013	Japan EU
7	Chlordane	SL Teas	May 2013	Japan
8	Heptachlor	SL Teas	May 2013	Japan
9	Propham	SL Teas	May 2013	Japan
10	Diuron	Mid country	Feb 2012	Germany

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Status o	f Testing	g of Alternate	PPPs	as at July	2013
Pest	Pesticide to be replaced	Alternate PPPs	Bioefficacy_trials	MRL studies	Recommendation
Shot hole borer	Fenthion	Fipronil	Completed	Dossiers and results submitted for revision of MRLs	Pending on mature tea
		Lime: Sulphur	Completed	Not required	Pending on mature tea
		Lauricacid	Completed	Not required	Pending
Mites	Propagite	Azadirachtin	Completed	Pending	Pending
		Milbemectin	In progress		
		Chromafenozide	In progress		
Tea Tortrix	Chlorfluazauron	Thiamethoxam	In progress		
		Proclaim	In progress		
Blister blight	Systemic fungicides	Pyrachlostrobin	Completed	Completed; results to be submitted for revision	Pending
	Contact fungicides	Dry Prilled Cu	Completed	Completed	Pending
Weeds	Paraquat	Glyphosate + MCPA + Iso propile Amine (RAPID)	Considered	Deadian	
		Glyphosate + Carpentasole Ethyl (TRIGGER)	Completed	Pending	
Weeds: Pre emergent	Oxyfluorfen	Indaziflam	In progress		
White grubs	Carbofuran	Fipronil (Granular formulation) Vertako	In progress	Not required	
Nematodes	Carbofuran	Fipronil (Granular formulation) Vertako	In progress	Not required	
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Tea Seed Gardens established by TRI				
Estate	Туре			
Reucastle, Dehiowita	Bi clonal			
Rabukkanda, Ratnapura	Bi clonal			
Rabukkanda, Ratnapura	Polyclonal			
Kiriporuwa, Yatiyantota	Polyclonal			
Sapumalkanda, Deraniyagala	Polyclonal			
Salawa, Hanwella	Polyclonal			
Halpe, Tummodara	Polyclonal			
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Establishment of seed gardens in RPC Estates as a commercial venture

Lands offered for establishment by:

Balangoda Plantations PLC, Watawala Plantations PLC, Hapugastenna & Udapusellawa PLC (for 2014) and Kelanivalley Plantations PLC

Inspection of lands for suitability by TRI officers completed:

Ury Estate- Balangoda Plantations PLC Waltrim Estate- Watawala Plantations PLC

June 2013 – Submission of a project proposal for establishment of seed gardens at SH Properties to National Budget 2014 and IFAD

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Need for an Alternative Worker Deployment Models ?

Traditional estate model is inappropriate to meet current issues in the corporate sector ?

-Worker shortage (due to out migration/ chronic absenteeism/general aversion to plantation workers, educated generation) leads to abandon productive tea fields

- Maintaining low productive tea lands

-Low productive labour force

- High cost of production due to periodical wage hikes leads to no/less profits

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