

# टी बोर्ड ★ भारत

(भारत सरकार के अधीन, वाणिज्य एवं उद्योग मंत्रालय, वाणिज्य विभाग)

14, बी. टी. एम. सरणी (ब्रेबोर्न रोड), कोलकाता - 700 001, पो० बा० सं० 2172,  
ता-टीबोर्ड दूरभाष : 033-2235-1411(7 लाइनें), फैक्स : 033-2221 5715  
वेबसाइट : www.teaboard.gov.in



## TEA BOARD ★ INDIA

(Under Govt. of India, Ministry of Commerce & Industry, Deptt. of Commerce)

14, B. T. M. Sarani (Brabourne Road), Kolkata - 700 001, P. O. Box No. 2172  
Gram Teebord Tel.: 033-2235-1411(7 lines), Fax : 033-2221 5715  
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Ref. No. 12(18)/LC/2010/ 5314

Dated: 21<sup>st</sup> March 2014

### All Auction Organizers, Brokers, Primary Buyers

Given the growing awareness amongst consumers on the need for using safer, healthier and more environmentally friendly products, it has become necessary for adherence to safety standards to improve quality compliance in production of Tea. Hence, effective adoption of the food safety standards will enable the tea industry in facing the sustainability challenges, safeguard the plantation environment, welfare of the workers and long term security of supply. These challenges are to be addressed with a sense of urgency. The need for judicious usage of plant protection formulations (PPFs) has become more imperative. Accordingly, a Plant Protection Code (PPC) has been developed by the Board with the following objectives.

- The PPC aims to achieve sustainability through Good Agricultural Practices (GAP) including integrated pest management, promotion of alternative control strategies (Biological control etc.) to gradually reduce the dependence on chemicals.
- The focus of the code is on responsible chemical management that includes proper selection, judicious usage, safe storage and proper disposal, occupational health and safety and green chemistry.
- The ultimate objective of the PPC is towards minimising the possible negative impact of pesticides on humans, wildlife and the environment. It will be achieved through effective governance, review and monitoring.

Now, in exercise of the power vested under paragraph 13 of the Tea Marketing (Control) Order, 2003, the following directives are issued to all **All Auction Organizers, Brokers, Primary Buyers** to advise all their constituent member tea gardens for compliance with immediate effect

#### A. For Brokers & Auctioneers:

- i. It is mandatory for all Brokers & Auctioneers to allow only such tea into auction which are accompanied by the self declaration issued by the factory manager regarding use of safe use PPPs.
- ii. It is mandatory to handover copy of such declaration to the buyer buying teas through auction.

#### B. For Registered Buyers:

- a. It is mandatory for all Buyers to pass on the copies of declaration of the manufacturer to each importer/exporter teas sourced from auction or directly from any tea garden/factory.

Any violation of these directives shall be taken seriously and immediate action for cancellation of Registration/License shall be initiated by the Board.

(Siddarth)

Chairman Tea Board  
Licensing & Registering Authority



यदि आप अपना पत्र हिन्दी में लिखेंगे तो उतनी ही जल्दी जवाब मिलेगा, जितना कि अंग्रेजी में लिखने से मिलता है।

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### All Producers Associations

Given the growing awareness amongst consumers on the need for using safer, healthier and more environmentally friendly products, it has become necessary for adherence to safety standards to improve quality compliance in production of Tea. Hence, effective adoption of the food safety standards will enable the tea industry in facing the sustainability challenges, safeguard the plantation environment, welfare of the workers and long term security of supply. These challenges are to be addressed with a sense of urgency. The need for judicious usage of plant protection formulations (PPFs) has become more imperative. Accordingly, a Plant Protection Code (PPC) has been developed by the Board with the following objectives.

- The PPC aims to achieve sustainability through Good Agricultural Practices (GAP) including integrated pest management, promotion of alternative control strategies (Biological control etc.) to gradually reduce the dependence on chemicals.
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- The ultimate objective of the PPC is towards minimising the possible negative impact of pesticides on humans, wildlife and the environment. It will be achieved through effective governance, review and monitoring.

Now, in exercise of the power vested under paragraph 13 of the Tea Marketing (Control) Order, 2003, the following directives are issued to all Producer Associations to advise all their constituent member tea gardens for compliance with immediate effect:

1. All the tea plantations in India shall use only such Plant Protection Formulations (PPFs) – as per the recommendations of the Tea Research Institutes and that have been cleared and registered by the **Central Insecticides Board and Registration Committee, Government of India**, - with label claim on tea and re. The approved list of pesticides for use on tea is given in Annex-1.
2. All tea Plantations shall allow the Advisory officers of TRA & UPASI TRF during their visit to the tea gardens to take the inventory of PPFs used in each garden for compliance with the approved list mentioned in Annex-1. For non-member gardens of TRIs, the ADTDs of Tea Board will carry out similar exercise.
3. Tea gardens as and when they purchase the PPFs may send a sample for testing to the Tea Research Institutes to check its purity.
4. All the tea plantations shall keep the records of usage of PPFs.
5. All tea Plantations should follow IPM as per recommendations of Tea Research Institutes.
6. The PPFs should not be used near the water bodies, wildlife habitats and human dwelling to ensure that there is no contamination beyond the application area.



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7. There should be designated areas for preparation of spray fluids with clear signage for the workers. These areas must be away from any natural water bodies, drinking water sources, children's play areas, food stores, clinics and fish ponds.
8. The PPFs must be stored safely and correctly in facilities which are dry, well ventilated and should not be accessible to children and unauthorized people. The storage facility should be away from food and feed.
9. Storage areas should display information on hazardous chemicals in a way which is easily understandable for the workers (in a language they can understand or in pictorial formats), including information regarding their classification, the hazards they present and the safety precautions to be observed.
10. There should be provisions for training for workers on safe and appropriate usage of PPFs.
11. The tea plantation unit must regularly maintain and calibrate agrochemical application equipment and keep records of such equipment maintenance and calibration.
12. The Plantation unit must have emergency facilities and procedures available in the vicinity of PPFs storage to deal with spillage of PPFs (i.e. sand or sawdust) and with operator contamination (i.e. clean water). The procedure must indicate basic accident care instructions as well as contain the contact details of the ambulance, nearest hospital and the person trained in first aid.
13. During transportation of crop protection products, the plantation unit should ensure prevention of |  
| spilling and other accidents.
14. Safe interval of application of PPFs should be ensured as per recommendations of the Tea Research institutes.
15. Spraying and maintenance of spraying equipment should be done as per the advice of TRIs for the same.
16. The Plantation unit should use the water for spraying as per the advice of TRIs for the same.
17. The Tea Plantations shall get the PPFs tested only from accredited labs that offer testing facilities exclusively for tea products and such labs should have been recommended by the Tea Board after due verification from time to time to ensure compliance of all safety and quality measures.
18. Each and every consignment of tea leaving the factory gate shall accompany with a declaration of the factory manager to the effect that the plantations (from which the green leaf has been sourced) have used only such PPFs as cleared and recommended by the TRA (for North and NE states) and UPASI TRF (for south Indian gardens).
19. Such declaration shall further state that the plantations have not used any chemicals or pesticides banned in India.
20. Such declaration shall further state that in the event of detection of any banned pesticides or chemicals and their residues are beyond prescribed limit, Tea Board is free to take appropriate action as per the provisions of Tea Marketing (Control) Order, 2003.

A comprehensive guidelines on the above are furnished in the attached Plant Protection Code

Encl:



(Siddarth)  
Chairman Tea Board  
Licensing & Registering Authority

**Annexure: 1**  
**List of approved Plant Protection Formulations for use in Tea plantations**

Type of PPFs	Name of PPFs	Remarks
Acaricides	Dicofol 18.5 EC	
	Ethion 50EC	
	Fenazaquin 10 EC	
	Fenpyroximate 5 EC/SC	
	Hexythiazox 5.45 EC	
	Propargite 57 EC	
	Sulphur 80 WG	
	Wettable Sulphur 40 WP	
	Micronised liquid sulphur 52%	South India only
	Lime sulphur- Polysulphide- S	South India only
	Spiromesifen 22.9	
	Bifenthrin 8 SC	
Insecticides	Azadirachtin 5 EC	
	Bifenthrin 8 SC	
	Deltamethrin 2.8 EC	
	Fenpropathrin 30 EC	
	Phosalone 35 EC	
	Profenofos 50 EC	
	Quinalphos 25 EC	
	Quinalphos 20 AF	
	Thiacloprid 21.7 SC	
	Thiamethoxam 25 WG	
Fungicides	Copper hydroxide 77% WP	
	Copper oxychloride 50 WP	
	Hexaconazole 5 EC	
	Propiconazole 25 EC	
	Bitertanol 25 WP	South India only
Herbicides	Glyphosate 41% SL	
	Glyphosate 71% SG	
	Glufosinate Amonium 13.5 SL	
	Oxyfluorfen 23.5 EC	
	Paraquat Dichloride 24% WSC	

**Note:**

1. No other PPFs beyond this list shall be used in tea
2. This list does not contain extremely and highly hazardous chemicals classified under World Health Organization (WHO) 1a & 1b and is fully aligned with the Rotterdam and Stockholm conventions.