

**BUREAU OF INDIAN STANDARDS**

**MINUTES**

<b>Name of the Committee</b>	<b>No. of Meeting</b>	<b>Day</b>	<b>Date</b>	<b>Time</b>	<b>Venue</b>
Pesticides Sectional Committee, FAD 1	20 <sup>th</sup>	Tuesday	7 November 2023	1030 hrs	Online Meeting

**CHAIRPERSON:**

**Dr. J. P. Singh**

Plant Protection Adviser,  
Dte. of Plant Protection, Quarantine & Storage,  
Deptt. of Agriculture & Farmers Welfare,  
Ministry of Agriculture & Farmers Welfare, NH-IV, Faridabad

**MEMBER SECRETARY:**

**Mr. Kuldeep Mittal**

Scientist-B,  
Food & Agriculture Deptt.  
Bureau of Indian Standards  
New Delhi

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**ITEM 0 GENERAL**

**0.1 Welcome by Head, Food & Agriculture Department, BIS**

The Member Secretary, Sh. Kuldeep Mittal welcomed the Chairperson and esteemed committee members in 20<sup>th</sup> meeting of Pesticides Sectional Committee, FAD 1. Mr. Mittal appreciated the work done by the various panel members since the last meeting and urged for fruitful and conclusive deliberation on the issues raised in the agenda.

**0.2 Opening Remarks by the Chairman**

Dr. J P Singh, Plant Protection Adviser and Chairman, Pesticides Sectional Committee, FAD 1 welcomed all the members of the Committee for participating in its 20th meeting. In his opening remarks he has stressed upon the importance of development of quality specifications of pesticides & its formulations and stressed upon the need to develop Indian Standards on all the registered pesticides including bio pesticides in the country. He has emphasized the need of updated specifications. He further requested the members for active participation in the deliberations and strive to resolve the comments received on various documents. The Chairman also suggested convening of the next meeting of the committee in the stipulated time so as to complete the work on the pending documents and take up new subjects for standardization.

**ITEM 1 CONFIRMATION OF THE MINUTES OF THE NINETEENTH MEETING**

**1.1** As no comments were received on minutes of the 19<sup>th</sup> meeting of Pesticides Sectional Committee, FAD 1 held on 21 July 2023 as circulated vide our email dated 14 August 2023, the committee confirmed the minutes.

**ITEM 2 R& D PROJECT PROPOSAL FOR "DEVELOPMENT OF TEST METHOD FOR TESTING OF BIO-PESTICIDES"**

**2.1** In 20<sup>th</sup> meeting, the committee deliberated on the ToR placed under Annex I of the agenda and the presentation delivered by Dr. Lakshman Prasad, Principal Scientist, Department of Plant Pathology, Indian Agriculture Research Institute, New Delhi. The committee discussed that the test methods related to bio-pesticides are already in the draft documents received by the BIS and these methods can be processed for validation. The committee requested FAD 1/Panel VII to organize the next meeting of

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the panel to discuss the matter in detail. Also, the Committee deliberated that the method suggested by Dr. Lakshman Prasad may be included as an alternate method only after the consensus in panel.

### **ITEM 3 INDIAN STANDARDS PUBLISHED/ UNDER PUBLICATION**

**3.1** In the 20<sup>th</sup> meeting of FAD 1 held on 7 November 2023, the committee noted the information placed under agenda item 3.1.

### **ITEM 4 FINALISATION OF DRAFT INDIAN STANDARDS**

**4.1** In the 20<sup>th</sup> meeting, the Committee examined the WC documents placed under agenda item 4.1. Since, there were no comments on these documents, the Committee finalized the following documents for publication:



<b>S. No</b>	<b>Document No.</b>	<b>Title</b>
1.	FAD 01 (20108) WC	Draft Indian Standard on Pyraclostrobin capsule suspension – Specification
2.	FAD 01 (20165) WC	Draft Indian Standard on Thiophanate Methyl + Pyraclostrobin flowable suspension concentrate – Specification
3.	FAD 01 (20171) WC	Draft Indian Standard on Ametoctradin + Dimethomorph suspension concentrate – Specification
4.	FAD 01 (20175) WC	Draft Indian Standard on Metrafenone suspension concentrate – Specification
5.	FAD 01 (19705) WC	Draft Indian Standard on Triazophos emulsifiable concentrate – Specification ( <i>first revision of IS 14937</i> )
6.	FAD 01 (20073) WC	Draft Indian Standard on Ziram, technical – Specification ( <i>second revision of IS 3900</i> )
7.	FAD 01 (23280) WC	Draft Amendment No. 1 To Novaluron emulsifiable concentrate – Specification ( <i>IS 17203 : 2019</i> )
8.	FAD 01 (22518) WC	Draft Indian Standard on Ziram suspension concentrate – Specification ( <i>first revision of IS 11010</i> )
9.	FAD 01 (22527) WC	Draft Indian Standard on Thiophanate methyl wettable powder – Specification ( <i>first revision of IS 14552</i> )
10.	FAD 01 (22532) WC	Draft Indian Standard on Thiram water dispersible powder for slurry seed treatment – Specification ( <i>second revision of IS 4766</i> )
11.	FAD 01 (22533) WC	Draft Indian Standard on Thiram, powder for dry seed treatment – Specification ( <i>second revision of IS 4783</i> )
12.	FAD 01 (22543) WC	Draft Indian Standard on Glyphosate, technical – Specification ( <i>first revision of IS 12502</i> )
13.	FAD 01 (22555) WC	Draft Indian Standard on Carbofuran granules, encapsulated – Specification ( <i>first revision of IS 9360</i> )
14.	FAD 01 (22556) WC	Draft Indian Standard on Atrazine, technical – Specification ( <i>first revision of IS 12932</i> )
15.	FAD 01 (23353) WC	Draft Indian Standard on Kitazin, technical – Specification ( <i>first revision of IS 13788</i> )
16.	FAD 01 (23355) WC	Draft Indian Standard on Kitazin, granules – Specification ( <i>first revision of IS 13789</i> )
17.	FAD 01 (23356) WC	Draft Indian Standard on Metribuzin, technical – Specification ( <i>first revision of IS 13332</i> )
18.	FAD 01 (23357) WC	Draft Indian Standard on Metribuzin wettable powder – Specification ( <i>first revision of IS 13333</i> )

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19.	FAD 01 (23383) WC	Draft Indian Standard on Diflubenzuron, technical – Specification ( <i>first revision of IS 14185</i> )
20.	FAD 01 (23384) WC	Draft Indian Standard on Diflubenzuron wettable powder – Specification ( <i>first revision of IS 14186</i> )
21.	FAD 01 (23385) WC	Draft Indian Standard on Etofenprox, technical – Specification ( <i>first revision of IS 14249</i> )
22.	FAD 01 (23387) WC	Draft Indian Standard on Etofenprox emulsifiable concentrate – Specification ( <i>first revision of IS 14250</i> )
23.	FAD 01 (23388) WC	Draft Indian Standard on Atrazine wettable powder – Specification ( <i>first revision of IS 12931</i> )
24.	FAD 01 (23409) WC	Draft Indian Standard on Thiram, technical – Specification ( <i>second revision of IS 4320</i> )
25.	FAD 01 (23422) WC	Draft Indian Standard on Zineb, technical – Specification ( <i>second revision of IS 3898</i> )
26.	FAD 01 (23423) WC	Draft Indian Standard on Zineb water dispersible powder – Specification ( <i>second revision of IS 3899</i> )

### ITEM 5 DRAFT INDIAN STANDARDS FOR WIDE CIRCULATION

5.1 In the 20<sup>th</sup> meeting, the committee examined the documents placed under agenda item 5.1. The Committee approved the recommendation of the panel FAD 1/ Panel VI and decided to circulate the following documents in wide circulation for 60 days after incorporating the changes suggested by the panel and placed in column 4 of the table placed below:

SI No.	Document No.	Title	Changes Incorporated by the panel
1.	FAD 1 (20125) P	Fluxapyroxad + Pyraclostrobin suspension concentrate – Specification	 Fluxapyroxad + Pyraclostrobin Susper
2.	FAD 1(20166) P	Afidopyropen dispersible concentrate – Specification	 Afidopyropen DC.docx

### ITEM 6 WITHDRAWAL OF DOCUMENT NUMBER

6.1 Since, the following documents have crossed their critical stage of time period on BIS portal, the committee decided to drop the document number for the following documents:

S. No.	Document No.	Title
1.	FAD 01(19500) WC	Draft Indian Standard on Triallate technical – Specification ( <i>first revision of IS 9357</i> )
2.	FAD 01(19504) WC	Draft Indian Standard on Triallate emulsifiable concentrates – Specification ( <i>first revision of IS 9358</i> )

Also, the committee requested FAD 1/Panel I to examine both the documents again and put before the Committee.

### ITEM 7 COMMENTS ON INDIAN STANDARD

7.1 Comment on Indian Standard IS 15749 : 2007 Fluorinated HDPE bottles and containers – Specification

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In the 20<sup>th</sup> meeting, the committee deliberated on the query received from the Plastics Packaging Sectional Committee, PCD 21 regarding the use of fluorinated HDPE bottles and containers. The Committee clarified that the fluorinated HDPE bottles and containers are being used by the manufacturer.

### **ITEM 8 ANY OTHER BUSSINESS**

**8.1** Hon'ble Chairperson FAD 1 elaborated on the issue of pesticides registered for use in the country and available BIS of those products to ensure quality product supply to the farmers. He further added that more than 330 pesticides molecules are registered for use in the country with approximately 1000 formulations. Specifications of these products are required as on date for smooth and reliable testing of pesticides using unified single appropriate method of analysis. It was also deliberated that 310 Specifications could be published by BIS so far, therefore, the gap need to be reduced in a phased manner. The above said requirement is dynamic in nature as the registration of pesticides is omnibus.

He stressed upon the requirement of new BIS for pesticides and asked the participating member, institutes/labs etc. to submit a proposal for seeking financial support for validation of method of analysis required for formulating new BIS.

**8.2** The Chairperson also raised the issue of non-availability of standard on 'pheromones' used by the farmers. He said that the farmers are compelled to purchase unspecified quality of products due to absence of any standard for pheromones. He added that the use of pheromones through trap (except use of mating disruption) is not covered under regulatory framework registration through CIB&RC. Hence, there should be a standard on this to ensure that the farmers get a good quality pheromone products. The Chairperson added that there are some Institutes such as IISC Bangaluru, IICT Hyderabad etc. working on the pheromones. Also, Dr. Vipin Saini, CEO BASAI suggested BIS Secretariat to contact Dr. Markandeya Gorantla, ATGC Biotech, Hyderabad to give a brief presentation on use of pheromones pest monitoring. The Chairperson asked the committee members to work on the proposal and put before the Committee in next meeting.

**8.3** Also, Chairperson highlighted, that the macrobial (bio control agents) are not covered under the Insecticide Act, 1968 and this can also be considered as an area for standard formulation under FAD 1 and asked the committee members to work on the proposal and put before the Committee in next meeting. National Bureau of Agricultural Insect Resources (NBAIR), Bengaluru may be requested to contribute in the endeavour.

**8.4** Further, the Chairperson suggested that the BIS Secretariat to form a separate Sectional Committee or group of members on phytosanitary issue to formulate the National Standards to make the international trade easy and technically justifiable. In this committee/ group, there may be the members from different subject of expertise, BIS, Pesticides Sectional Committee, ICAR, State Govt., SAU's, other committees of BIS etc.

The meeting ended with a vote of thanks to the chair.