

MINUTES OF THE 66th MEETING OF THE CENTRAL INSECTICIDES BOARD (CIB) HELD ON 29.04.2024 AT 1100 HRS IN ROOM NO. 445 A, NIRMAN BHAWAN, DELHI

The 66th meeting of the Central Insecticides Board was held on 29.04.2024 at 1100 hrs through hybrid mode (physical/video conferencing) under the Chairmanship of Prof. (Dr.) Atul Goel, Director General, Health Services (DGHS), Ministry of Health & Family Welfare and the Chairman, Central Insecticides Board, at 445-A, Nirman Bhawan, New Delhi. The list of the participants is at **Annexure-I**.

At the outset, the Chairman welcomed the Members and requested Secretary CIB&RC to present the agenda. After detailed deliberation on each issue, the following decisions were taken

S. No.	Subject	The decision of the CIB
Agenda Item No. 1	Confirmation of minutes of 65 th meeting of CIB held on 26.09.2023	No comments were received from the members on the minutes of 65 th meeting of the Board, therefore, the minutes of 65 th meeting of CIB were confirmed.
Agenda Item No. 2	Follow-up action on the decisions of the 65 th Meeting of the CIB	<p>The Board noted the follow-up action on the decisions of the 65th meeting with satisfaction and appreciated the efforts made by the Secretariat of CIB&RC to complete the action in a time bound manner. The following points of follow-up were deliberated in detail</p> <ol style="list-style-type: none"> 1. The Board noted that 11 new molecules have been notified and included in the schedule to the Insecticides Act, 1968. Further the board desired that the process of re-notification of entire Schedule may be expedited diligently taking care of the CRs issued with brand names and the notifications of erstwhile ministry. 2. The Board deliberated the issue regarding the formation of the Sub-committee as proposed by the CIB in its 65th meeting to review the inclusion of Bacteriophages (virus), Maltodextrin and such other molecules, in the Insecticide schedule. The Board directed to seek consent of Dr. S.C. Dubey, ex-ADG (PP) the existing Chairman of the Sub-committee to ascertain

		<p>his availability to continue with the assigned work, else new ADG (PP) may be appointed as new Chairman of the sub-committee. The Board also desired sub-committee to explore mechanism to include into the Schedule only those substances that have a noble mode of action against the pests or have proven data as compared to the existing molecules in respect of resistance and resurgence of insect pests/diseases /weeds or no substance as effective as the proposed one is currently available in India.</p> <p>3. The Board also noted that the flowchart to the Standard Operating Procedures (SOP) for handling, storage, manipulation and use of insecticides for catering the emergency responses from Directorate General, Factory Advice Services and Labour Institutes, is received. The Board desired and directed the Secretariat of CIB&RC to examine it, and adopted it for its display on the website.</p> <p>4. Agenda Item No. 12: The board reviewed minor modifications in the final proposed ‘Toxicity Classification and Colour Coding of Pesticides and decided that the colour coding for slightly toxic be made sky blue and the moderately toxic to indigo to differentiate both the categories. The revised annexure proposing the toxicity classification and colour coding in the draft Gazette Notification 33(E) may be amended accordingly.</p> <p>5. Agenda Item No. 13: Optichos (Chitosan) at Sr. No. 13 may be read as Optichos.</p>
<p>Agenda Item No. 3</p>	<p>Progress Report of the Registration Committee, Central Insecticides</p>	<p>Secretary(CIB&RC) apprised the progress made by the Registration Committee since last Board Meeting (65th), including the new & already registered chemical pesticide</p>

	Laboratory, Techno- legal Cell and RPTL's	formulations approved/ registered by the RC u/s 9(3) (Annexure-3.1 & 3.2) and bio-pesticides approved/ registered by the RC (Annexure-3.3) during this period. The Board noted the progress of the CIB&RC, CIL, Techno-legal Cell and RPTL's with satisfaction.
Agenda Item No. 4	Major achievements of Secretariat of CIB&RC during the period 01.09.2023 to 31.03.2024	The Board appreciated the herculean efforts made by the Secretariat of CIB&RC to dispose of 60690 number of applications for grant of registration, permits, and endorsements in various categories during the period from 01.09.2023 to 31.03.2024. The Board recorded their satisfaction in the major achievements of the Secretariat of CIB&RC, which has significantly prevented the pendency from piling up to a great extent.
Agenda Item No. 5	Additional and new packing approved by the Registration Committee	The Board noted the progress made by the CIB&RC in approving additional and new packing for approved pesticides by the RC under section 9(3) of the insecticide Act, 1968. (Annexure-5)
Agenda Item No. 6	Enhancement of shelf-life cases approved by Registration Committee	The Board noted the progress made by the CIB&RC on enhancement of shelf-life cases for registered products. (Annexure-6)
Agenda Item No. 7	Import permit issued for multi-use/dual-use (non-insecticidal purpose)	The Board members were apprised about the import permits issued for Multi-use/Dual-use Pesticides (for Non-Insecticidal purpose) during the period from 01.09.2023 to 31.03.2024. The Board noted that a permit for thiourea is granted to manufacture drug Famotidine, whose combination products are banned for use in country. Accordingly directed that the permits should be granted only after verifying the end-use. (Annexure-7)

Agenda Item No. 8	Waiting period/ pre-harvest interval between application of the pesticides and harvest in respect of various commodities in case of new formulations registered under section 9(3) & label expansion of already registered formulations.	The Board noted the progress made by the CIB&RC on waiting period/ pre-harvest interval between application of the pesticides and harvest in respect of various commodities in case of new formulations registered under section 9(3) & label expansion of already registered formulations during the period from 01.09.2023 to 31.03.2024. (Annexure-8)
Agenda Item No. 9	Consideration of Notifications issued by Ministry of Agriculture and Farmers Welfare.	The Board noted the following Gazette Notifications issued by the Ministry of Agriculture and Farmers Welfare during the period 01.10.2023 to 31.03.2024, vide: <u>Draft Notifications:</u> <ol style="list-style-type: none"> 1. Draft Insecticides (Eighth Amendment) Rules, 2023 vide G.S.R 866 (E) dated 29.11.2023 regarding rule 10, clause-i, sub-rule 3A (license to undertake pest control operations with the use of Glyphosate and its derivatives). 2. Draft Insecticides (Ninth Amendment) Rules, 2023 vide G.S.R 868 (E) dated 29.11.2023 regarding development of Integrated Pesticides Management System (IPMS) at national level. 3. Draft Insecticides (Ninth Amendment) Rules, 2023 vide G.S.R 894 (E) dated 14.12.2023 regarding the amendment in rule 19, in sub-rule 1 (label/leaflets).

		<p>4. Draft Insecticides (First Amendment) Rules, 2024 vide G.S.R 34 (E) dated 08.01.2024 regarding the amendment in rule 10, in sub-rule 1A.</p> <p><u>Final Notifications</u></p> <p>1. Final Insecticides (fifth Amendment) Rules, 2023 vide G.S.R 794 (E) dated 23.10.2023 regarding amendment in rule 14, sub-rule1 (transfer of license in case of death of existing retailer or dealer).</p> <p>2. Final Insecticides (sixth Amendment) Rules, 2023 vide G.S.R 827 (E) dated 08.11.2023 regarding the amendment in rule 10, in sub-rule 3A (training programme for the pest control operators).</p> <p>3. Final Insecticides (seventh Amendment) Rules, 2023 vide G.S.R 921 (E) dated 28.12.2023 regarding the amendment in rule 10, in sub-rule 3A.</p> <p>4. Final Insecticides (Seventh Amendment) Rules, 2023 vide G.S.R 37 (E) dated 11.01.2024 regarding the amendment in rule 19, in sub-rule 3.</p> <p>5. Final Insecticides (second Amendment) Rules, 2024 vide G.S.R 226 (E) dated 21.03.2024 regarding the amendment in rule 10, in sub-rule 3A (license to undertake pest control operations with the use of Glyphosate and its derivatives in 30 days).</p> <p>6. Final Insecticides (Third Amendment) Rules, 2024 vide G.S.R 228 (E) dated 22.03.2024 regarding the amendment in rule 10, in sub-rule 1A.</p> <p><u>Special Orders</u></p> <p>1. Final Insecticides (Prohibition) Order, 2023 vide S.O. 4294 (E) dated 03.10.2023 regarding the banning of pesticides.</p>
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		<p>2. Notification related to Exemption of quantities of import for R&D purpose vide SO 4844 (E) dated 08.11.2023.</p> <p>3. Notification related to inclusion of new substances in the Schedule to the Insecticides Act vide SO 1148 (E) dated 07.03.2024.</p>
Agenda Item No. 10	List of molecules proposed to be included in the Schedule to the Insecticides Act 1968	The Board deliberated the agenda in detail and approved 05 molecules for inclusion in the Schedule to the Insecticides Act, 1968, not approved 01 molecules, deferred 01 molecule for the want of complete toxicity data and refer 02 molecules to the Sub-committee formed vide agenda item no. 2 as per Annexure -10 .
Agenda Item No. 11	Any other item with the permission of the Chair	<p>No other point was raised by any of the members.</p> <p>The meeting ended with a vote of thanks to the Chair.</p>

Annexure –I

List of Participants of 66th meeting of the Central Insecticides Board held on 29.04.2024 at 11:00Hrs (Hybrid Mode)

Board Chairman/ Members

1. Prof. (Dr.) Atul Goel, Director-General of Health Services(DGHS)
2. Dr. I. S. Hura, DDC, Representative of Drugs Controller General of India
3. Dr. P. K. Singh, Agriculture Commissioner, DA&FW
4. Dr. Pawan Kumar Singh, Scientist “E” ICAR, New Delhi
5. Dr. J. P. Singh, Plant Protection Adviser, DPPQS, Faridabad
6. Dr. Archana Sinha, Secretary (CIB&RC), DPPQS, Faridabad
7. Dr. Amir Paray, FSSAI (Joined through VC)
8. Dr. Kuldeep Mittal, BIS (Joined through VC)
9. Dr. D. S. Suman, on behalf of Director ZSI, Kolkata. (Joined through VC)
10. Dr. Rajender Singh (Joined through VC)
11. Dr. Shiv Perumal, ICMR (Joined through VC)
12. Dr. Neelima Mishra, Scientist G, ICMR

List of experts/participants from the Secretariat of CIB&RC, TLC and CIL

1. Dr. Vandana Seth, JD (Chem)
2. Dr. K. L. Gurjar, JD(PP)
3. Sh. Subhash Chaudhary, JD (Chem)
4. Sh. Hari Om Miglani, Sr. L.O.
5. Dr. Sneha Potdar, DD (Chem)
6. Dr. Avnish Tomar, DD (Chem)
7. Dr. Brijesh Tripathi, DD (Chem)
8. Dr. G. K. Bunkar, DD (E)
9. Dr. T. S. Rajan, AD (E)
10. Dr. Rajveer Yadav, AD (Chem)
11. Sh. Durga Prasad, PPO(PP)
12. Sh. A D Bhatt, PPO(Chem.)
13. Dr. S. K. Jain, Sr. Consultant (Medical Tox.)
14. Dr. Rahish Ahmad Sr. Consultant (Medical Tox.)
15. Dr. Sameya Anjum, Consultant (Medical Tox.)
16. Dr. Prabhakar Maurya, Consultant (Medical Tox.)

Annexure-2**Follow-up Action on 65th CIB meeting**

The 65th meeting of the Central Insecticides Board was held on 26.09.2023 at 1600 hrs through hybrid mode (Physical & VC) under the Chairmanship of Prof. (Dr.) Atul Goel, Director General, Health Services (DGHS), Ministry of Health & Family Welfare and the Chairman, Central Insecticides Board, at 445-A, Nirman Bhawan, New Delhi.

The following Follow-up Action was taken on the outcomes of 65th CIB meeting:

S. No.	Subject	The decision of the CIB	Action Taken
Agenda Item No. 1	Confirmation of minutes of 64 th meeting of CIB held on 15.03.2023	No comments were received from the members on the minutes of 64 th meeting of the Board, therefore, the minutes of 64 th meeting of CIB were confirmed.	No Action Required
Agenda Item No. 2	Follow-up action on the decisions of the 64 th Meeting of the CIB	<p>The Board noted the follow-up action on the decisions of the 64th meeting with satisfaction and appreciated the efforts made by the Secretariat of CIB&RC to complete the action in a time bound manner.</p> <p>The agenda item was discussed in detail and the Board noted that the process of Re-notification of entire Schedule and 11 new molecules is under progress, and desired that the process may be expedited.</p> <p>The Board also noted that the DA&FW has communicated that inclusion of Bacteriophages (virus) and Maltodextrin in the Insecticide schedule may be reviewed by the Board. The Board deliberated the</p>	<ol style="list-style-type: none"> 1. DA&FW was communicated to re-notify the entire schedule. Response is awaited from DA&FW 2. FSSAI was communicated for name of one member to the Sub-committee as proposed by the CIB. Response is awaited. 3. DG, FASLI was communicated that the flowchart to the

		<p>issue and decided to refer the matter to a Sub-committee whose composition is as following:</p> <ol style="list-style-type: none"> 1. Dr. S.C. Dubey, ADG (PP&B) ICAR, New Delhi-Chairman. 2. Dr. Sanjay Arya, Secretary (CIB&RC) – Member 3. Dr. Brijesh Tripathi, DD (Chem.) – Member. 4. Dr. S. K. Jain, Sr. Consultant, (Medical Tox.) – Member. 5. One member to be nominated by FSSAI – Member 6. Dr. K. L. Gurjar, JD (PP) – Member Secretary <p>The committee will submit its report in the next Board meeting.</p> <p>The Board also noted that the response from Directorate General, Factory Advice Services and Labour Institutes, to submit the flowchart to the Standard Operating Procedures (SOP) for handling, storage, manipulation and use of insecticides for catering the emergency responses is still pending. The Board desired and directed the Secretariat of CIB&RC to request once again to the DGFASLI that the flowchart to the said SOPs for catering the emergency</p>	<p>said SOPs for catering the emergency responses may be submitted before the next board meeting. The requisite flow chart has been received (Annexure-2).</p>
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		responses may be submitted before the next board meeting.	
Agenda Item No. 3	Progress Report of the Registration Committee, Central Insecticides Laboratory, Techno-legal Cell and RPTL's	<p>Secretary(CIB&RC) apprised the progress made by the Registration Committee since last Board Meeting (64th), including the new & already registered chemical pesticide formulations approved/ registered by the RC u/s 9(3) (Annexure-3.1 & 3.2) and bio-pesticides approved/ registered by the RC (Annexure-3.3) during this period.</p> <p>The Board noted the progress of the CIB&RC, CIL, Techno-legal Cell and RPTL's with satisfaction.</p>	No Action Required
Agenda Item No. 4	Major achievements of Secretariat of CIB&RC during the period 01.03.2023 to 31.08.2023	The Board appreciated the efforts of CIB&RC and recorded its satisfaction in the major achievements of the Secretariat of CIB&RC during the period from 01.03.2023 to 31.08.2023 and also appreciated herculean efforts made by the Secretariat of CIB&RC to dispose of 61467 number of applications for grant of registration, permits and endorsements in various categories which prevented the pendency to pile up to a great extent.	No Action Required
Agenda Item No. 5	Additional and new packing approved by the Registration Committee	The Board noted the progress made by the CIB&RC in approving additional and new packing for approved pesticides by the RC	No Action Required

		under section 9(3) of the insecticide Act, 1968. (Annexure-5)	
Agenda Item No. 6	Enhancement of shelf-life cases approved by Registration Committee	The Board noted the progress made by the CIB&RC on enhancement of shelf-life cases for registered products. (Annexure-6)	No Action Required
Agenda Item No. 7	Import permit issued for multi-use/dual-use (non-insecticidal purpose)	The Board members were apprised about the import permits issued for Multi-use/Dual-use Pesticides (for Non-Insecticidal purpose) during the period from 01.03.2023 to 31.08.2023. The Board noted the information. (Annexure-7)	No Action Required
Agenda Item No. 8	Waiting period/ pre-harvest interval between application of the pesticides and harvest in respect of various commodities in case of new formulations registered under section 9(3) & label expansion of already registered formulations.	The Board noted the progress made by the CIB&RC on waiting period/ pre-harvest interval between application of the pesticides and harvest in respect of various commodities in case of new formulations registered under section 9(3) & label expansion of already registered formulations during the period from 01.03.2023 to 31.08.2023. (Annexure-8)	No Action Required
Agenda Item No. 9	Consideration of Notifications issued by Ministry of Agriculture and Farmers Welfare.	The Board noted the following Final Gazette Notifications issued by the Ministry of Agriculture and Farmers Welfare vide: a. Final Insecticides (Second Amendment) Rules, 2023 vide	DA & FW was communicated the decision of the Board.

		<p>G.S.R 211 (E) dated 17.03.2023 regarding the requirements on label and leaflet.</p> <p>b. Final Insecticides (Third Amendment) Rules, 2023 vide G.S.R 274 (E) dated 24.03.2023 regarding the revision of fee payable for registration etc.</p> <p>c. Final Insecticides (Fourth Amendment) Rules, 2023 vide G.S.R 315 (E) dated 25.04.2023 prescribing for enhancing the date for acquiring minimum education qualification by the existing license holder under Rule 10(1A) from 31st December, 2022 to December, 2023.</p> <p>The Board considered and took note of the following Draft Notifications issued by the Ministry of Agriculture and Farmers Welfare vide:</p> <p>d. Draft Insecticides (Fifth Amendment) Rules, 2023 vide G.S.R 406 (E) dated 31.05.2023 prescribing for transfer of license to the family members of the existing license holder in case of death.</p> <p>e. Draft Insecticides (Sixth Amendment) Rules, 2023 vide G.S.R 645 (E) dated 01.09.2023</p>	
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		<p>prescribing for minimum education qualification 12th and requirement of training for the Pest Control Operation using only Glyphosate and its derivatives.</p> <p>f. Draft Insecticides (Seventh Amendment) Rules, 2023 vide G.S.R 671 (E) dated 13.09.2023 prescribing for three months' time lines with holding the implementation of Final Insecticides (Second Amendment) Rules, 2023 vide G.S.R 211 (E) dated 17.03.2023 regarding the requirements on label and leaflet.</p>	
Agenda Item No. 10	Restricted use of Glyphosate (Herbicide) through PCOs	The Board noted the status as apprised and presented to it. It also echoed the view to complete the task in time bound manner as the matter has larger implication on the stakeholders.	No Action Required
Agenda Item No. 11	Two Draft proposals for amendment in the Insecticides Rules- reg.	<p>The board considered the proposal presented before it and suggested following in the respective proposals:</p> <p>Proposal 1:</p> <p>1. Quantity exemption for import of technical and formulation of insecticides.</p> <p>-</p> <p>The board observed that quantity increase has been proposed in case of only technical</p>	DA & FW was communicated the decision of the Board.

		<p>and formulation import for R&D purpose and not for Plant growth regulator. It also enquired about the rationale of increasing the quantity for pesticide technical and formulation import and the present quantity exemption for each type. After discussion it approved the proposed draft notification to be published by the Department of Agriculture and Farmers Welfare, Ministry of Agriculture and Farmers Welfare.</p> <p>Proposal 2:</p> <p>2. Proposal for Amendment in Insecticides Rules, 1971 for implementation of Integrated Pesticide Management System (IPMS): -</p> <p>The board enquired about the genesis and requirements of the proposed digital platform of Integrated Pesticide Management System and discussed the same and desired that the draft notification seeking the amendments in the referred rule for implementation of IPMS in the Insecticides Rule 1971 may be brought before it in the form of draft notification.</p>	
Agenda Item No. 12	Minor modifications in the 'Draft Gazette Notification 33(E) dated January 22, 2022	The board discussed in detail the chronology of the events and deliberated the revised proposal on Draft Gazette Notification 33(E) dated January 22, 2022 for Draft insecticides (<i>Amendment</i>) Rules,	DA & FW was communicated the decision of the Board.

	for Draft insecticides (Amendment) Rules, 2022 – Toxicity Classification and Colour Coding of Pesticides’	2022 – Toxicity Classification and Colour Coding of Pesticides. It has been observed that Toxicity Classification and Colour Coding of Pesticides has been thoroughly revisited again after reconsidering the objections, suggestions and comments of various stakeholders. Minor modifications have been incorporated in the final proposed ‘Toxicity Classification and Colour Coding of Pesticides. The board directed that instead of using bright blue colour in both moderately toxic and slightly toxic categories, the colour coding for slightly toxic may be made light blue and the moderately toxic to bright blue to differentiate both the categories. The revised annexure proposing the toxicity classification and colour coding in the draft Gazette Notification 33(E) is enclosed at Annexure –12.	
Agenda Item No. 13	List of molecules proposed to be included in the Schedule to the Insecticides Act 1968	The Board deliberated the agenda in detail and approved 09 molecules for inclusion in the Schedule to the Insecticides Act, 1968, not approved 01 molecules, deferred 01 molecule for the want of complete toxicity data and refer 02 molecules to the Sub-committee formed vide agenda item no. 2 as per Annexure -13.	DA & FW was communicated the decision of the Board. Optichos (Chitosan) at Sr. No. 13 needs some modifications, hence request to remaining 8 molecules was made.

			The molecules required to be referred to Sub-committee is pending.
Agenda Item No. 14	Any other item with the permission of the Chair	No other point was raised by any of the members. The meeting ended with a vote of thanks to the Chair.	No Action Required

Annexure-III

List of Pesticides and New Formulations Approved by the Registration Committee under Section 9(3) of the Insecticides Act, 1968 [9(3) TI and 9(3) FI, FIM & FIM v/s FIT]

Sl. No.	Name of Pesticides	Name of the registrant	Category	RC Number
1	Penoxasulam 2.67% OD	M/s Crystal Crop Protection Pvt. Ltd.	FIM vs FIT	451
2	Benzpyrimoxan 10.0% + Thiamethoxam 3.3% SC	M/s Nichino India Pvt. Ltd.	9(3) FIM	451
3	Glufosinate ammonium 50% WG	M/s UPL Ltd.	9(3) FIM	451
4	Cyclaniliprole 7.4% SL	M/s ISK Biosciences India Pvt. Ltd.	9(3) FIM	451
5	Tetraniliprole 10.08% + Thiacloprid 30.25% SC	M/s Bayer Crop Science Ltd.	9(3) FIM	451
6	Glufosinate ammonium 14.3% + Glyphosate (isopropyl ammonium) 18.04% SL	M/s UPL Ltd	9(3) FIM	451
7	Oxyfluorfen technical 97% w/w min	M/s Rainbow Agrosciences	9(3) TI	451
8	Diuron technical 98.5% w/w min	M/s Rainbow Agrosciences	9(3) TI	451
9	Chlorpyrifos technical 97% w/w min	M/s Rainbow Agrosciences	9(3) TI	451
10	Azoxystrobin technical 95% w/w min	M/s Rainbow Agrosciences	9(3) TI	451
11	Ddimjpropyridaz technical 95% w/w min	M/s BASF India Ltd	9(3) TI	451
12	Pyrazosulfuron ethyl technical 98% w/w min	M/s NACL Industries Ltd	9(3) TI	451
13	Atrazine technical 98% w/w min	M/s Rainbow Agrosciences	9(3) TI	451
14	Sodium acifluorfen technical 39% w/w min.	M/s UPL Ltd.	9(3) TIM	451
15	clethodim technical 92.40% w/w min	f M/s UPL Ltd.	9(3) TIM	451
16	Acequinocyl 15% SC	M/s Mahindra Summit Agri Science Ltd.	9(3) FI - WRT	451
17	Paraquat dichloride 24% + Oxyfluorfen 5% SC	M/s Willowood Chemicals Pvt. Ltd.	9(3) FIM	451

18	Fenoxaprop-p-ethyl 6% + Chlorimuron ethyl 0.9% + Imazethapyr 10% SC	M/s Willowood Chemicals Pvt. Ltd.	9(3) FIM	451
19	Cyazofamid technical 93.5% w/w min	M/s UPL Ltd.	9(3) TI	451
20	Dimpropridaz 120 g/l SL	M/s BASF India Ltd.	9(3) FI	451
21	Renofluthrin 1.0% w/w incense sticks	M/s Godrej Consumer Products Ltd.	9(3) FIM	452
22	Bifenthrin 2.5% + Acetamiprid 2.1% ME	M/s FMC India Pvt. Ltd	9(3) FIM	452
23	Fipronil 15% + Imidacloprid 5% SC	M/s Gharda Chemicals Ltd.	9(3) FIM	452
24	Dimethoate 20% + Cypermethrin 3% EC	M/s Agro Life Science Corporation	9(3) FIM	452
25	Lambda cyhalothrin 9.7% w/w(10% w/v)	f M/s Sulphur Mills Ltd.	9(3) FIM	452
26	Mancozeb 68% + Hexaconazole 4% WG	M/s Indofil Industries Ltd.	9(3) FIM	452
27	Diafenthiuron 48.0% + Dinotefuran 8.0% WG	M/s Indofil Industries Ltd.	9(3) FIM	452
28	Fluxametamide 5.81% + Bifenthrin 5.81% EC	M/s Dhanuka Agritech Ltd.	9(3) FIM	452
29	Validamycin 5% + Tebuconazole 15% SC	M/s Sumitomo Chemical India Ltd.	9(3) FIM	452
30	Pyribenzoxim 5% w/w EC	M/s LG Life Science India Pvt. Ltd.	9(3) FI WRT	452
31	Mesotrione technical 98% w/w min	M/s Gharda Chemicals Ltd.	9(3) TIM	452
32	Tebuconazole technical 97% w/w min.	M/s Tropical Agrosystem India Pvt. Ltd.	9(3) TI	452
33	2,4-D sodium salt 50% + Metribuzine 15% WP	M/s Agro Life Science Corporation	9(3) FIM	452
34	Trifloxysrobin 6% + Thiamethoxam 24% + Thiophanate methyl 9.5% FS	M/s Seedling India Pvt. Ltd.	9(3) FIM	453
35	Fipronil 15% + Chlorantraniliprole 5% SC	M/s Gharda Chemicals Ltd.	9(3) FIM	453

36	Pymetrozine 30% + Tebuconazole 37% WG	M/s GSP Crop Science Pvt. Ltd.	9(3) FIM	453
37	Fomesafen 12.5% + Quizalofop ethyl 4.68% EC	M/s Dhanuka Agritech Ltd.	9(3) FIM	453
38	Cartap hydrochloride 7.5% + Chlorantraniliprole 0.4% GR	M/s UPL Ltd.	9(3) FIM	453
39	cyantraniliprole 10% + Pymetrozine 50% WG	M/s Syngenta India Ltd.	9(3) FIM	453
40	Fenoxaprop p ethyl 5% + Chlorimuron ethyl 0.6% + Pretilachlor 50% ME	M/s Willowood Chemicals Pvt. Ltd.	9(3) FIM	453
41	Paraquat dichloride 7.50% + Glyphosate 30% SC	M/s Willowood Chemicals Pvt. Ltd.	9(3) FIM	453
42	Fipronil 15% + Deltamethrin 2.5% SC	M/s Gharda Chemicals Ltd.	9(3) FIM	453
43	Fomesafen 16.8% + Propaquizafop 5.2% ME	M/s ADAMA India Pvt. Ltd.	9(3) FI	453
44	SCLP BFSB (E11 HAD and E11 HDL).	M/s ATGC Biotech Pvt. Ltd.	9(3) TIM	453
45	Methoxyfenozide 20% + Chlorantraniliprole 5% SC	M/s GSP Crop Science	9(3) FIM	453
46	Diclosulam 0.9% + Pendomethalin 35% SL	M/s Rallis India Ltd.	9(3) FIM	453
47	Pyriofenone 18% w/v SC (16.51% w/w) u	M/s ISK Biosciences India Pvt. Ltd.	9(3) FI	453
48	Boscalid 25.2%+ Pyraclostrobin 12.8% WG	M/s Natco Pharma Ltd.	9(3) FIM vs FIT	454
49	Etoxaconazole 10% SC	M/s Sumitomo Chemicals India Pvt. Ltd.	9(3) FIM vs FIT	454
50	Lamba cyhalothrin 22.8% CS	M/s Bharat Rasayan Ltd.	9(3) FIM vs FIT	454
51	Teflubenzuron technical 98% w/w min.	M/s BASF India Ltd.	9(3) TI	454
52	Alphacypermethrin 75 g/l + Trifluzenuron 75 g/l SC	M/s BASF India Ltd.	9(3) FIM	454
53	Pydiflumetofen technical 98% w/w min	M/s Syngenta India Ltd.	9(3) TI	454
54	Pydiflumetofen 6.89% + Difenconazole 11.49% SC (Pydiflumetofen 7.5% + Difenconazole 12.5% SC)	M/s Syngenta India Ltd.	9(3) FI	454

55	Ethafluralin technical 96% w/w min	M/s Saraswati Agrochemicals Ltd.	9(3) TI	454
56	Ethafluralin 35.65% EC (36% EC)	M/s Saraswati Agrochemicals Ltd.	9(3) FIM	454
57	Ipfencarbazone technical 97% w/w min	M/s Dhanuka Agritech Ltd.	9(3) TI	454
58	Ipfencarbazone 25% SC (22.81% w/w)	M/s Dhanuka Agritech Ltd.	9(3) FIM	454
59	Renofluthrin 1.5% Liquid Vaporizer	M/s Godrej Consumers Products Ltd.	9(3) FIM	454
60	Pymetrozine 30% + Dinotefuran 10% + Pyraclostrobin 20% WG	M/s Seedling India Pvt. Ltd.	9(3) FIM	454
61	Mancozeb 52.6% + Hexaconazole 2.4% WG	M/s UPL Ltd.	9(3) FIM	454
62	Fipronil 12.5% + Lambdacyhalothrin 5% ZC	M/s Rallis India Ltd.	9(3) FIM	454
63	Mancozeb 40% + Tebuconazole 1.0% WS	M/s Coromandel International Ltd.	9(3) FIM	454
64	Fomesafen 12.5% + Fenoxaporp ethyl 10% + Chlorimuron ethyl 0.9% ME	M/s Willowood Chemicals Ltd.	9(3) FIM	454

Annexure –IV

List of Already Registered Pesticides and Formulations Approved by the Registration Committee Under Section 9(3) of the Insecticides Act, 1968 [9(3) TI New Source and 9(3) TIM v/s TI

Sl. No.	Name of Pesticides	Name of the registrant	Category	RC Number
1	Penconazole technical 95.00% w/w min	M/s Anupam Rasayan India Ltd.	9(3) TIM vs TI	451
2	Cyantraniliprole technical 93% w/w min	M/s Natco Pharma Ltd.	9(3) TIM vs TI	453
3	Metofluthrin technical 96% w/w min. u	M/s Synergia Sciences Pvt. Ltd.	9(3) TIM vs TI	453
4	Methoxyfenozide technical 97% w/w min	M/s GSP Crop Science Pvt. Ltd.	9(3) TIM vs TI	453
5	Glufosinate ammonium technical 95% w/w min	M/s Dhanuka Agritech Ltd.	9(3) TI (new source)	454
6	Carfentrazone ethyl technical 90% w/w min. u	M/s Bharat Rasayan Ltd.	9(3) TIM vs TI	454
7	Fomesafen technical 95% w/w min	M/s Best Crop Science Pvt. Ltd.	9(3) TIM vs TI	454

Annexure-V**List of approved bio-pesticides approved U/s 9(3)/9(3b) of the Insecticide Act 1968**

Sr. No.	Name of Product	Strain & Accession No.	Company Name	Category	RC Number
1.	Bacillus subtilis 1.5% AS	KTSB-1015, MTCC No. 5786	SHREE PESTICIDES PVT LTD	9(3) - B/F	451 st
2.	Pseudomonas Fluorescens 1.0% WP	IIHR PF-2, ITCC B0034	Agrella Crop sciences Pvt. Ltd.,	9(3) - B/F	451 st
3.	Pseudomonas Fluorescens 1.0% WP	IIHR PF-2, ITCC B0034	ECO BUGS INDIA PRIVATE LIMITED	9(3) - B/F	451 st
4.	Pseudomonas Fluorescens 1.0% WP	IIHR PF-2, ITCC B0034	SHRI RAM SOLVENT EXTRACTION PVT. LTD.	9(3) - B/F	451 st
5.	Pseudomonas Fluorescens 1.0% WP	IIHR PF-2, ITCC B0034	M.D. Biocoals Pvt. Ltd.,	9(3) - B/F	451 st
6.	Trichoderma harzianum-1% WP	IIHR-TH-2, ITCC-6888	AGRILAND BIOTECH LTD.,	9(3) - B/F	451 st
7.	Trichoderma harzianum-1% WP	IIHR-TH-2, ITCC-6888	Ponalab Biogrowth Pvt. Ltd.	9(3) - B/F	451 st
8.	Trichoderma harzianum-1% WP	IIHR-TH-2, ITCC-6888	SWATI ORGANIC	9(3) - B/F	451 st
9.	Trichoderma viride 1.0% WP	TNAU-TV-1, ITCC 6914	Godavari Bio-Fertilizer Industries	9(3) - B/F	451 st
10.	Trichoderma viride 1.5% WP	IIHR-TV-5, ITCC No. 6889	SURAJSHREE CHEMICALS LTD	9(3) - B/F	451 st
11.	Trichoderma viride 1.5% WP	IIHR-TV-5, ITCC No. 6889	Green Growth Agro Industries	9(3) - B/F	451 st

12.	Trichoderma viride 1.5% WP	IIHR-TV-5, ITCC No. 6889	IDEAL AGRI CARE	9(3) - B/F	451 st
13.	Trichoderma viride 1.5% WP	IIHR-TV-5, ITCC No. 6889	JIS Organics Private Limited	9(3) - B/F	451 st
14.	Trichoderma viride 1.5% WP	IIHR-TV-5, ITCC No. 6889	Natura Biosciences	9(3) - B/F	451 st
15.	Trichoderma viride 1.5% WP	IIHR-TV-5, ITCC No. 6889	Radons Crop Care LLP	9(3) - B/F	451 st
16.	Verticillium Chlamydosporium- 1% WP	(Strain code: IIHR-VC-3, Accession No. ITCC-6898)	Ponalab Biogrowth Pvt. Ltd.	9(3) - B/F	451 st
17.	Verticillium lecanii-1.15% WP	AS-MEGH-VL, MTCC-1028	Global Farm Solution	9(3) - B/F	451 st
18.	Verticillium lecanii-1.15% WP	AS-MEGH-VL, MTCC-1028	Godavari Bio- Fertilizer Industries	9(3) - B/F	451 st
19.	Verticillium lecanii-1.15% WP	AS-MEGH-VL, MTCC-1028	Ponalab Biogrowth Pvt. Ltd.	9(3) - B/F	451 st
20.	Beauveria bassiana 1.15% WP	BB-ICAR-RJP, MCC-1022	Vishakan Biotech Private Limited	9(3) - B/F	452 nd
21.	Metarhizium anisopliae-1% WP	IPL/KC/44, ITCC- 6895	Maharashtra Insecticides Limited,	9(3) - B/F	452 nd
22.	Metarhizium anisopliae-1% WP	IPL/KC/44, ITCC- 6895	Vishakan Biotech Private Limited	9(3) - B/F	452 nd
23.	Trichoderma viride 1.5% LF	TV-1, Accession No.MTCC-5170	Interglobe Agrochemicals	9(3) - B/F	452 nd
24.	Trichoderma viride 1.5% wp	IIHR-TV-5, Accession No- ITCC6889	Southern Fertilizers & Chemicals	9(3) - B/F	452 nd

25.	Trichoderma harzianum 2.00%, AS	IPL/VT/102, ITCC-6893	Interglobe Agrochemicals	9(3) - B/F	452 nd
26.	Pseudomonas fluorescens 1.0% WP	IIHR PF-2, ITCC B0034	Dara Chemicals	9(3) - B/F	452 nd
27.	Pseudomonas fluorescens 1.0% WP	IIHR PF-2, ITCC B0034	Ganesh Bio Control System	9(3) - B/F	452 nd
28.	Pseudomonas fluorescens 1.0% WP	IIHR PF-2, ITCC B0034	Southern Fertilizers & Chemicals	9(3) - B/F	452 nd
29.	Pseudomonas fluorescens 0.5% WP	TNAU-pf-1, ITCC BE 0005	HIL (India) Limited	9(3) - B/F	452 nd
30.	Beauveria bassiana 1.15% WP	BB-ICAR-RJP, MCC-1022	ACHAL NETWORKS PRIVATE LIMITED	9(3) - B/F	452 nd
31.	Beauveria bassiana- 1.15% WP	BB-ICAR-RJP, MCC-1022	K.N. BIOSCIENCES (INDIA) PVT. LTD.	9(3) - B/F	452 nd
32.	Verticillium lecanii 1.15% W.P.	AS-MEGH-VL, MCC-1028	Vishakan Biotech Private Limited	9(3) - B/F	452 nd
33.	Trichoderma viride 1.5% LF	TV-1, MTCC No. 5170	Ami Agro Agency	9(3) - B/F	452 nd
34.	Beauveria bassiana 1.15% WP	BB-ICAR-RJP, MCC-1022	Anand Agro Care	9(3) - B/F	452 nd
35.	Trichoderma viride-1.5% WP	IIHR-TV-5, Accession No- ITCC6889	KHEDUT BEEJ NIGAM	9(3) - B/F	452 nd

36.	<i>Pseudomonas fluorescens</i> 1.0% WP	IIHR PF-2, ITCC B0034	KHEDUT BEEJ NIGAM	9(3) - B/F	452 nd
37.	<i>Trichoderma harzianum</i> -1% WP	IIHR-Th-2, ITCC 6888.	Balrampur Chini Mills Limited	9(3) - B/F	452 nd
38.	M/s Ami Agro Agency,	<i>Bacillus subtilis</i> 1.5% AS	Strain KTSB- 1015 & Accession No. MTCC 5786	9(3) - B/F	453 rd
39.	M/s Capsber Global Agro Pvt. Ltd.	<i>Bacillus subtilis</i> 1.5% AS	Strain KTSB-1015 Accession No. MTCC 5786	9(3) - B/F	453 rd
40.	M/s Capsber Global Agro Pvt. Ltd.	<i>Beauveria bassiana</i> 1.15% WP	Strain BB-ICAR-RJP Accession No. MCC 1022	9(3) - B/F	453 rd
41.	M/s Capsber Global Agro Pvt. Ltd.	<i>Metarhizium anisopliae</i> 1.0% WP	Strain IPL/KC/44 Accession No. ITCC 6895	9(3) - B/F	453 rd
42.	M/s Atmnirbhar Baliraja Agri Business OPC Pvt. Ltd.	<i>Pseudomonas fluorescens</i> 1.0% WP	Strain IIHR PF-2 Accession No. ITCC B0034	9(3) - B/F	453 rd
43.	M/s The Peermade Marketing Cooperative Society	<i>Pseudomonas fluorescens</i> 1.0% WP	Strain IIHR PF-2 Accession No. ITCC B0034	9(3) - B/F	453 rd
44.	M/s Relegare Agro Life Bio Science Pvt. Ltd	<i>Pseudomonas fluorescens</i> 1.0% WP	Strain IIHR PF-2 Accession No. ITCC B0034	9(3) - B/F	453 rd
45.	M/s 4U2NV	<i>Trichoderma harzianum</i> 1.0 WP	Strain IIHR TH-3	9(3) - B/F	453 rd

			Accession No. ITCC 5593]		
46.	M/s Allwin Industries	Trichoderma viride 1.5% WP	Strain IIHR TV-5 Accession No. ITCC 6889	9(3) - B/F	453 rd
47.	M/s Advance Cropcare India Pvt. Ltd.	Trichoderma viride 1.5% WP	Strain IIHR TV-5 Accession No. ITCC 6889	9(3) - B/F	453 rd
48.	M/s The United Provinces Sugar Company Ltd.	Trichoderma viride 1.5% WP	Strain IIHR TV-5 Accession No. ITCC 6889	9(3) - B/F	453 rd
49.	M/s Avadh Sugar And Energy Ltd.	Trichoderma viride 1.5% WP	Strain IIHR TV-5 Accession No. ITCC 6889	9(3) - B/F	453 rd
50.	M/s Organic Earth Energy Pvt. Ltd.	Trichoderma viride 1.5% WP	[Strain IIHR TV-5, Accession No. ITCC 6889	9(3) - B/F	453 rd
51.	M/s Interglobe Agrochemicals	Trichoderma viride 1.5% WP	Strain IIHR TV-5 Accession No. ITCC 6889	9(3) - B/F	453 rd
52.	M/s Jai Organic India	Trichoderma viride 1.5% WP	Strain IIHR TV-5 Accession No. ITCC 6889	9(3) - B/F	453 rd
53.	M/s Capsber Global Agro Pvt. Ltd	Verticillium chlamydosporium 1% WP	Strain IIHR VC-3 Accession No. ITCC 6898	9(3) - B/F	453 rd
54.	M/s Relegare Agro Life Bio Science Pvt. Ltd	Verticillium chlamydosporium 1% WP	Strain IIHR VC-3 Accession No. ITCC 6898	9(3) - B/F	453 rd

55.	M/s Capsber Global Agro Pvt. Ltd	Verticillium lecanii 1.15% WP	Strain AS-MEGH-VL Accession No. MCC 1028]	9(3) - B/F	453 rd
56.	M/s global Farm Solution	Trichoderma harzianum 2.0% AS	[Strain IPL/VT/102 Accession No. ITCC 6893	9(3) - B/F	453 rd
57.	M/s Ami Agro Agency	Trichoderma harzianum 2.0% AS	Strain IPL/VT/102 Accession No. ITCC 6893	9(3) - B/F	453 rd
58.	M/s Ami Agro Agency	Pseudomonas fluorescens 2.0% AS	Strain IPL/PS-01 Accession No. MTCC-5727	9(3) - B/F	453 rd
59.	ARCH BIOTECH PRIVATE LIMITED	Bacillus subtilis-1.5% AS	KTSB-1015, MTCC-5786	9(3) - B/F	454 th
60.	ARCH BIOTECH PRIVATE LIMITED	Beauveria bassiana 1.15% WP	BB-ICAR-RJP, MCC-1022	9(3) - B/F	454 th
61.	Biofac Inputs Private Limited	Beauveria bassiana 1.15% WP	BB-ICAR-RJP, MCC-1022	9(3) - B/F	454 th
62.	GUJARAT LIFE SCIENCES PVT LTD	Beauveria bassiana 1.15% WP	BB-ICAR-RJP, MCC-1022	9(3) - B/F	454 th
63.	Maa Bhagwati Biotech & Chemicals	Beauveria bassiana 1.15% WP	BB-ICAR-RJP, MCC-1022	9(3) - B/F	454 th
64.	MAXGROW BIOTECH PRIVATE LIMITED	Beauveria bassiana 1.15% WP	BB-ICAR-RJP, MCC-1022	9(3) - B/F	454 th

65.	Radar Agro Sciences	Beauveria bassiana 1.15% WP	BB-ICAR-RJP, MCC-1022	9(3) - B/F	454 th
66.	Maa Bhagwati Biotech & Chemicals	Metarhizium anisopliae-1% WP	IPL/KC/44, ITCC-6895	9(3) - B/F	454 th
67.	MAXGROW BIOTECH PRIVATE LIMITED	Metarhizium anisopliae-1% WP	IPL/KC/44, ITCC-6895	9(3) - B/F	454 th
68.	Greenvention Biotech Pvt. Ltd.	Metarhizium anisopliae-1% WP	IPL/KC/44, ITCC-6895	9(3) - B/F	454 th
69.	SHRI RAM SOLVENT EXTRACTION PVT. LTD.	Metarhizium anisopliae-1% WP	IPL/KC/44, ITCC-6895	9(3) - B/F	454 th
70.	Anu Products Limited	Pseudomonas fluorescens 1.0% WP	IIHR PF-2, ITCC B0034	9(3) - B/F	454 th
71.	Global Farm Solution	Pseudomonas fluorescens 2.0 % AS	IPL-PS-01, MTCC-5727	9(3) - B/F	454 th
72.	Interglobe Agrochemicals	Pseudomonas fluorescens 2.0 % AS	IPL-PS-01, MTCC-5727	9(3) - B/F	454 th
73.	TROPICAL AGROSYSTEM (INDIA) PVT. LTD.	Pseudomonas fluorescens 2.0 % AS	IPL-PS-01, MTCC-5727	9(3) - B/F	454 th
74.	MAHARASHTRA INSECTICIDES LTD.	Trichoderma harzianum 1.00% WP	Strain: IIHR-TH-2, Accession No: ITCC-6888	9(3) - B/F	454 th

75.	Ecosafe Management	Trichoderma harzianum 1.00% WP	Strain: IIHR-TH-2, Accession No: ITCC-6888	9(3) - B/F	454 th
76.	SYMBIOTICS BIOLOGICALS	Trichoderma harzianum 1.00% WP	Strain: IIHR-TH-2, Accession No: ITCC-6888	9(3) - B/F	454 th
77.	Allwin Industries	Trichoderma harzianum 1.00% WP	Strain: IIHR-TH-2, Accession No: ITCC-6888	9(3) - B/F	454 th
78.	ACHAL NETWORKS PRIVATE LIMITED	Trichoderma viride 1.5%wp	IIHR-TV-5, Accession No-ITCC-6889	9(3) - B/F	454 th
79.	National Agriculture Cooperative Marketing Federation of India Limited (NAFED)	Trichoderma viride 1.5%wp	IIHR-TV-5, Accession No-ITCC-6889	9(3) - B/F	454 th
80.	Shreya Enterprises	Trichoderma viride 1.5%wp	IIHR-TV-5, Accession No-ITCC-6889	9(3) - B/F	454 th
81.	GANESH BIO-CONTROL SYSTEMS,	Trichoderma viride 1.5%wp	IIHR-TV-5, Accession No-ITCC-6889	9(3) - B/F	454 th
82.	SHRI RAM SOLVENT EXTRACTION PVT. LTD.	Trichoderma viride 1.5% LF	TV-1, Accession No. MTCC-5170	9(3) - B/F	454 th
83.	MAHARASHTRA INSECTICIDES LTD.	Verticillium chlamyosporium-1% WP	IIHR-VC-3, ITCC-6898	9(3) - B/F	454 th

84.	SYMBIOTICS BIOLOGICALS	Verticillium chlamydosporium- 1% WP	IIHR-VC-3, ITCC- 6898	9(3) - B/F	454 th
85.	ARCH BIOTECH PRIVATE LIMITED	Verticillium lecanii-1.15% WP	AS-MEGH-VL, MCC-1028	9(3) - B/F	454 th
86.	B P Agrochemicals	Trichoderma viride 1 % WP	TNAU-TV-1, ITCC- 6914	9(3) - B/F	454 th

Annexure-5.0

List of New/ Alternate packing for approved pesticides.

Sl. No.	Product Name	Company Name	Endorsement	RC
1.	Isocycloseram technical 96% w/w min	M/s Syngenta India Ltd.	Endorsement for alternate/ new import packaging of Isocycloseram Technical (Purity 96% min) of 380 kg in FIBC bags with PE line specification.	451
2.	Copper oxychloride 50% WP	M/s Rallis India Ltd	Endorsement of additional packing of 25 kg in HDPE woven sacks with inner LDPE liner.	451
3.	Sulfentrazone technical 91% w/w min.	M/s FMC India Pvt. Ltd	Endorsement for additional import packaging in Fiber intermediate Bulk Container (FIBC) with capacity for 500Kg for the product Sulfentrazone Technical 91% w/w min for Import [CIR-1844/2016(362)-Sulfentrazone (T)-01].	451
4.	Imidacloprid Technical 96% w/w Min	M/s Rainbow Agrosciences Pvt. Ltd.	Endorsement for additional packaging of paper plastic bag of capacity for 25 kg is having inner layer polyethylene (PE) as primary in Fiber intermediate Bulk Container (FIBC) with capacity for 500Kg for the product Sulfentrazone Technical 91% w/w min for Import.	451
5.	Difenoconazole Technical 95% w/w Min	M/s Rainbow Agrosciences Pvt. Ltd.	Endorsement for additional packaging of paper plastic bag of capacity for 25 kg is having inner layer polyethylene (PE) as primary in Fiber intermediate	451

			Bulk Container (FIBC) with capacity for 500Kg for the product Sulfentrazone Technical 91% w/w min for Import.	
6.	Clodinafop-Propargyl 12.25% + Oxyfluorfen 14.7% EC	M/s UPL Limited	Endorsement of primary packing in 400 ml, 800 ml, 2 ltr. capacity of PET bottle in registration certificate of Clodinafop-Propargyl 12.25% + Oxyfluorfen 14.7% EC.	451
7.	Transfluthrin 1.6% w/w LV	M/s Hindustan Foods Limited	Endorsement of additional packing of 48 numbers of secondary packs (1 machine + 1 refill pack) and (1 machine + 3 refills pack) in transport packing for Transfluthrin 1.6% w/w LV.	451
8.	Fipronil 40% + Imidacloprid 40% WG	M/s Jivagro Limited	Endorsement for removal of monocarton in 40 gm and 100 gm capacity from approved manner of packaging for the Fipronil 40% + Imidacloprid 40% WG. The tri-laminated pouches (100 micron LDPE/ 9 micron Al. foil/ 12 micron PET) of 40 gm and 100 gm as a primary pack which shall be further packed in 5-ply CFB boxes as a transport packing.	451
9.	Indoxacarb 14.5% + Acetamiprid 7.7% w/w SC	M/s Gharda Chemicals Limited	Endorsement of additional primary packing of 50 ml in aluminum container confirming to IS 9503:1988. These shall be further packed in secondary pack & transport pack corrugated Fiber board boxes conforming to IS 2771(part 1):2022. The product shall be packed as per the IS 8190 (Part-I):1988	451

			(reaffirmed 2004) and its amendments or revision thereof.	
10.	Difenoconazole Technical 95.00% w/w min	M/s Rallis India Limited	Endorsement of additional packaging of in an inner LDPE liner pre-stitched at bottom with outer HDPE woven sack of capacities 25 kg and 50 kg complying with the IS:8069 (1989) for the Difenoconazole Technical 95.00% w/w min	451
11.	Metiram 44% + Dimethomorph 9% WG	M/s Seedlings India Private Limited	Endorsement of alternate Packing of trilaminate pouch of capacity 100 gm, 250 gm, 500 gm, 1 kg, 2.5 kg.	451
12.	Dinotefuran 15% + Pymetrozine 45% WG	M/s Seedlings India Private Limited	Endorsement of new additional packaging of 13.32 gm in reverse printed tri-laminated pouches (12 micron PET/9 micron AL/100 micron LDPE) and inner monocarton as a secondary packing which shall be further packed in 5-ply CFB box as a transport packaging for the Dinotefuran 15% + Pymetrozine 45% WG.	451
13.	Metofluthrin 0.32% w/w Liquid Vaporizer	M/s Hindustan Foods Limited	Request for endorsement of additional packaging of 100 numbers of secondary packs in transport packing for Metofluthrin 0.32% w/w Liquid Vaporizer, granted to M/s Hindustan Foods Limited.	451
14.	PYMETROZINE 50% WG	M/s Saraswati Agro Chemicals (India) Pvt. Ltd.	Endorsement of additional packaging of 25 kg and 50 kg bulk packing in HDPE moulded	

			Drum for the PYMETROZINE 50% WG.	451
15.	Abamectin 1.9% EC	M/s Krishi Rasayan Exports Pvt. Ltd	Endorsement of additional packaging of 10 ml in HDPE bottle as a primary packing and inner box as a secondary packing which shall be further packed in 5-ply CFB boxes (5 mm thickness) of capacity 2 litre for the Abamectin 1.9% EC.	451
16.	Renofluthrin 5% w/w MUP	M/s Shogun Organics Limited	Endorsement of new/ alternate packing in 200 liter HM-HDPE drum shall be closed from top using closure in the Registration Certificate No: CIR-2392/2022(439)-Renofluthrin (MUP)-02	452
17.	Eamectin Benzoate 1.5% + Profenofos 35% WDG	M/s Parijat Industries (India) Pvt. Ltd.	Request for endorsement of additional packing in Trilaminated pouches (12 micron PET+12 micron METPET+100 micron LDPE) of capacity 3kg pack size primary pack which shall be further packed in 5-ply CFB box of capacity 9 kg used as transport packing.	452
18.	Pyriproxyfen Technical 95% Min	M/s Sumitomo Chemical India Ltd	Endorsement of additional pack of MS drum (200 kg) with inner epoxy phenolic coated layer as primary as well as transport packing.	452
19.	Prallethrin 0.04% Mosquito Coil (Min. 11 hr.)	M/s Godrej Consumers Products Ltd.	Endorsement for the alternate packing of 7 Mosquito coils (14 single coils) put in poly pouch which will further be packed in secondary carton. 36 Nos of	

			secondary carton will be placed in CFB boxes.	452
20.	Glufosinate Ammonium Technical 95% w/w Min	M/s Krishi Rasayan Exports Pvt. Ltd.	Endorsement for alternate transport packaging having inner layer LDPE liner in Fiber intermediate Bulk Container (FIBC) with capacity for 600Kg for the product Glufosinate Ammonium Technical 95% w/w Min for Import.	452
21.	2,4-D Sodium Salt 48% + Metribuzin 32% + Chlorimuron ethyl 0.85% WDG	M/s Atul Limited	Endorsement of additional packing of in Tri laminated pouches of capacity 500g, 1Kg, 2.5 Kg & 5 Kg in Tri laminated pouches packing material shall conform IS 1980-(Part 1)-1990 in registration certificate of CIR-17679/2023- 2, 4-D Sodium Salt + Metribuzin + Chlorimuron ethyl (WDG) (443)	452
22.	Prochloraz Technical 97% w/w Min	M/s ADAMA India Pvt. Ltd.	Endorsement for additional packaging of the product Prochloraz Technical shall be packed in big bags of 250 kg made out of woven polypropylene of Maximum capacity as per UN No: 3077, packaging Group III, Hazard class 9.	452
23.	Chlorfenapyr 10% SC	M/s BASF INDIA LIMITED	Endorsement of the bulk packing in 210 Liters, Non-removable head type, 18 G internally lacquered M.S. Steel Drum.	452
24.	Valifenalate 6% + Mancozeb 60% w/w WG	M/s FMC India Private Limited	Endorsement of additional pack of HDPE bottle with <i>different specifications</i> of 100 g, 250 g, 500 g, 800 g, 1 kg, which shall be	

			packed in the manner of 100 g x 40(Nos)=4 kg, 250 g x 16(Nos)=4 kg, 500 x 8(Nos)=4 kg, 800 g x 6(Nos)=4.8 kg, 1000 g x 4(Nos)=4kg.	452
25.	Chlorimuron Ethyl 25% w/w WP	M/s Corteva Agriscience India Pvt. Ltd.	Endorsement of bulk Packaging of 50 Kg capacity Fibre drum with LDPE liner on the certificate of registration of Chlorimuron Ethyl 25% WP conforming the IS 8190: 1988 Requirement for packing of pesticides, Part 1: Solid pesticides.	452
26.	Mesotrione 2.27% w/w + Atrazine 22.7% w/w SC	M/s Syngenta India Private Limited	Endorsement of additional packs of 1000 ml in existing material of construction (HDPE) for Mesotrione 2.27% w/w + Atrazine 22.7% w/w SC.	452
27.	Thiamethoxam 30% w/w FS	M/s Syngenta India Private Limited	Endorsement of additional pack of 500 ml in existing material of construction (HDPE) for Thiamethoxam 30% w/w FS.	452
28.	Imidacloprid Technical 97% w/w min	M/s Willowood Chemicals Pvt. Ltd	Endorsement for the additional primary packing of 25 kg in polyethylene double liner and secondary packing of 25 kg in woven bag.	452
29.	Cartap Hydrochloride 50%+ Buprofezin 10% WP	M/s Krishi Rasayan Exports Pvt. Ltd.	Endorsement of additional pack of Tri-laminated Pouch of capacity 25 gm as a primary packing which shall be packed in mono carton as secondary packing. The Tri-laminated Pouch packed in mono carton, shall be further pack in 5 ply CFB boxes of 5 kg capacity	452

			as transport packing. The corrugated fiber board boxes shall conform to IS 2771 (Part 1): 1977 & 8190 (Part-1) 1988 (Reaffirmed 2018).	
30.	Acetamiprid Technical 99% w/w min	M/s Willowood Chemicals Pvt. Ltd.	Endorsement for the additional primary packing of 25 kg in polyethylene double liner and secondary packing of 25 kg in woven bag.	452
31.	Transfluthrin 0.88% Liquid Vaporiser	M/s Brillon Consumer Products Pvt. Ltd.	<p>Endorsement for additional packing for Transfluthrin 0.88% Liquid Vaporiser as per below details:</p> <p><u>Option 1:</u> Ladi Pack (Multilayer Pouch Pack): Proposed Allout Ladi Pack- One secondary pack has one refill of 45 ml inserted in multilayer plastic pouch with one leaflet in a string (Ladi Pack). One string consists 6 nos. of multiplayer plastic pouch. 240 nos. of secondary packs will be packed in one shipper.</p> <p><u>Option 2:</u> 4 refill pack in mono-carton: One secondary pack has four 45 ml refills inserted in paper carton box. Such 60 nos. of secondary packs will be packed in shipper, total 240 units refills in one shipper.</p> <p><u>Option 3:</u> 4 refill pack in mono-carton: One secondary pack has four 45 ml refills inserted in paper carton box. Such 60 nos. of secondary packs will be packed in shipper, total 240 units refills</p>	452

			in one shipper. The dimensions of the bottle, duplex board carton & CFB box will be different.	
32.	Transfluthrin 0.88% Liquid Vaporiser	M/s Brillon Consumer Products Pvt. Ltd.	<p>Endorsement for additional packing for Transfluthrin 0.88% Liquid Vaporiser as per below details:</p> <p>1. 48 nos. of secondary packs in one shipper: One secondary pack has one 45 ml refill and one heater machine inserted in Paper board carton. 48 such secondary packs will be packed in 5-ply CFB box.</p> <p>2. 60 nos. of secondary packs in one shipper: One secondary pack has two 45 ml refill and one heater machine inserted in Paper board carton. 60 such secondary packs will be packed in 5-ply CFB box</p> <p>3. 120 nos. of secondary packs in one shipper: One secondary pack has one 45 ml refill and one heater machine inserted in Paper board carton. 20 such cartons are wrapped in plastic shrink. 6 such plastic wrapped (6 x 20 = 120) secondary packs will be packed in 5-ply CFB box.</p>	452
33.	d-trans Allethrin 0.25% Aerosol	M/s Sai Corporation.	<p>Endorsement of additional packaging of d-trans Allethrin 0.25% Aerosol for the following packing:-</p> <p>24 nos. of metal container of 400 ml capacity in one shipper: The container of 400 ml capacity is</p>	452

			shrink wrapped separately. 24 such containers will be further packed in CFB boxes as transport pack.	
34.	Prallethrin 0.04% w/w Mosquito Coil (Min. 6 hrs.)	M/s Jyothy Labs Limited	Endorsement of alternate packaging of Prallethrin 0.04% w/w Mosquito Coil (Min. 6 hrs.) for the following packing:- Option 1 : 5 double coils/ 60 secondary cartons in 3 ply shipper Option 2 : 7 double coils/ 60 secondary cartons in 3 ply shipper	452
35.	Prallethrin 0.04% w/w Mosquito Coil	M/s Jyothy Labs Limited	Endorsement of alternate packaging of Prallethrin 0.04% w/w Mosquito Coil for the following packing:- Option 1: 5 double coils/ 60 secondary cartons in 3 ply shipper Option 2: 7 double coils/ 60 secondary cartons in 3 ply shipper	452
36.	Butachlor 50% EW	M/s Aristo Bio-tech and life Science Limited	Endorsement for additional packaging of additional packaging of 500 ml and 10 liters in HDPE containers for the Butachlor 50% EW.	452
37.	Fluxametamide Technical 93.5% w/w min for import only	M/s Saraswati Agro Chemicals (India) Pvt. Ltd	Endorsement of additional bulk packaging of 25 kg fibre board drum with polyethylene inner liner for import of the product Fluxametamide Technical 93.5% w/w min.	452
38.	Transfluthrin 1.6% Liquid Vaporiser	M/s Godrej Consumer Products Ltd.	Endorsement of alternate packaging of Renofluthrin 0.025% Mosquito Coil for the following packing:-	452

			<p>Option 1: Pack of 7 double coils (14 coils, 11 h) packed in HMHDPE Pouch as primary pack which is further packed in secondary carton. 36 such units of secondary pack cartons will be packed in corrugated box of specification IS 2771 (Part 1) – 1990.</p> <p>Option 2: Pack of 7 double coils (14 coils, 6 h) packed in HMHDPE Pouch as primary pack which is further packed in secondary carton. 60 such units of secondary pack cartons will be packed in corrugated box of specification IS 2771 (Part 1) – 1990.</p> <p>Option 3: Pack of 6 double coils (12 coils, 11 h) packed in HMHDPE Pouch as primary pack which is further packed in secondary carton. 36 such units of secondary pack cartons will be packed in corrugated box of specification IS 2771 (Part 1) – 1990.</p> <p>Option 4: Pack of 2 double coils (4 coils, 11 h) packed in HMHDPE Pouch as primary pack which is further packed in secondary carton. 36 such units of secondary pack cartons will be packed in corrugated box of specification IS 2771 (Part 1) – 1990.</p>	
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39.	Transfluthrin Liquid Vaporiser	1.6%	M/s Consumers Products ltd.	Godrej	<p>Option 1: Pack of single refills (25 ml) as primary pack shall be packed in secondary carton. 240 such units of secondary pack cartons will be packed in corrugated box of specification IS 2771 (Part 1) – 1990.</p> <p>Option 2: Pack of single refills (25 ml) + 1 machine as primary pack shall be packed in secondary carton. 60 such units of secondary pack cartons will be packed in corrugated box of specification IS 2771 (Part 1) – 1990.</p> <p>Option 3: Pack of single refills (20 ml) as primary pack shall be packed in secondary carton. 120 such units of secondary pack cartons will be packed in corrugated box of specification IS 2771 (Part 1) – 1990.</p> <p>Option 4: Pack of single refills (20 ml) as primary pack shall be packed in secondary carton. 240 such units of secondary pack cartons will be packed in corrugated box of specification IS 2771 (Part 1) – 1990.</p> <p>Option 5: Pack of single refills (20 ml) +1 machine as primary pack shall be packed in secondary carton. 60 such units of secondary pack cartons will be packed in corrugated box of specification IS 2771 (Part 1) – 1990</p>	453
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40.	Tetraniliprole 10.08 % w/w + Thiocloprid 30.25% w/w SC	M/s Bayer Crop Science Limited	Endorsement of additional packaging of Tetraniliprole 10.08 % w/w + Thiocloprid 30.25% w/w SC in virgin HDPE container of capacity 125 ml having minimum wall thickness as 1 mm conforming to IS:9754:1981 and IS:12512:1989 and amendment thereof if any.	453
41.	Amisulburon 17.7% w/w SC (20% w/v)	M/s Dhanuka Agritech Limited	Endorsement of additional packaging of Amisulburon 17.7% w/w SC (20% w/v) in HDPE container of 75 ml	453
42.	Glufosinate ammonium Technical 95% w/w Min.	M/s KRISHI RASAYAN EXPORTS PVT. LTD.	Endorsement of additional packaging in LDPE liner of capacity 25 kg as primary pack with woven bag of same capacity as a transport packing for Glufosinate ammonium Technical 95% w/w Min.	453
43.	Chlorantraniliprole 0.4% w/w GR	M/s FMC India Private Limited	Endorsement of new alternate bulk packaging in propylene flexible intermediate bulk container (FIBC) bag laminated with LDPE of capacity 500 kg and Polypropylene woven sacks bag with LDPE liner of capacity 25 kg.	453
44.	Verticillium chlamydosporium (Pochonia chlamydosporia) 1.0 % WP	M/s IPL Biologicals Limited	Endorsement of additional packaging of Verticillium chlamydosporium (Pochonia chlamydosporia) 1.0 % WP in Tri-laminated pouches of 100gm and 250gm, 500gm, 1kg, and 5kg.	453

45.	Trichoderma harzianum 1 % WP	M/s IPL Biologicals Limited	Endorsement of additional packaging of Trichoderma harzianum 1 % WP in Tri-laminated pouches of 100gm and 250gm, 500gm, 1kg, and 5kg.	453
46.	Emamectin Benzoate technical 95% w/w min.	M/s DROSER INTERNATIONAL PRIVATE LIMITED	Endorsement of additional/alternate packing of 25 kg capacity in BOPP & LDPE liner as a primary packing and Fiber Board drum of capacity 25 kg as secondary/transport packing.	453
47.	Bifenthrin 8% + Clothianidin 10% SC.	M/s FMC India Private Limited	Endorsement of additional packaging size of 200 liter in HDPE drum for Bifenthrin 8% + Clothianidin 10% SC.	453
48.	Fluxametamide Tech 93.5 % min. w/w u/s 9(3) TI	M/s Godrej Agrovet Limited	Endorsement of new transport pack of 25 kg.	453
49.	Dicamba 48% w/v SL	M/s Gharda Chemicals Limited	Endorsement of additional packaging size of 200 ml in HDPE container for Dicamba 48% w/v SL.	453
50.	Halosulfuron methyl 6% + Metribuzin 50% WG	M/s DhanukaAgritech Limited	Endorsement of additional packaging of Halosulfuron methyl 6% + Metribuzin 50% WG in Trilaminated pouch (12µ PET/ 12 Metalized PET/ 70µ LDPE) of capacity 225 gm and 450 gm.	453
51.	Captan 50% w/w WP	M/S ADAMA India Pvt. Ltd.	Endorsement for of additional packaging of Captan 50% w/w WP in Tri-laminated pouch with a capacity of 5 kg conforming to IS: 8190(part I)-1988 which shall be further packed in 5-ply CFB	453

			boxes sealed with BOPP tape as a secondary/transport packaging confirming to IS:2771(part-I):2022.	
52.	Broflanilide 300 g/L SC	M/s BASF India Ltd	Endorsement of additional pack of 20 mL HDPE bottle in the registration certificate of Broflanilide 300 g/L SC.	453
53.	Spinetoram Technical 81.2% w/w minimum	M/s Corteva Crop India Private Limited	Endorsement of additional bulk pack in FIBC liner bag with Low Density Polyethylene (PE) liner for carrying 225 kgs weight for import of Spinetoram Technical.	453
54.	Quizalofop Ethyl 4% + Oxyfluorfen 6% EC	M/s DhanukaAgritech Limited	Endorsement of additional packing in Aluminium bottle of capacity 50 ml for Quizalofop Ethyl 4% + Oxyfluorfen 6% EC	453
55.	Metalaxyl 35% WS	M/s Rallis India Limited	Endorsement for of additional packaging of Metalaxyl 35% WS in Tri-laminated pouch {PET(12 μ) + Met-PET(12 μ) + LDPE(100 μ)} with a capacity of 25 gm, 100 gm, 250 gm, 500 gm & 1 kg conforming to IS:13193-1992 as a primary packing. The Primary Packs of 25 g shall be packed in the Multipack Secondary Carton/Inner box which shall be further packed in CFB box of capacity 4 kg as a transport packing. The Primary packs of 100 g, 250 g, 500 g & 1 kg packs shall be directly packed in the outer corrugated fibre board (CFB) boxes of capacity	453

			max. 10 kg as a transport packaging.	
56.	Paclobutrazol 23% SC	M/s Parijat Industries (India) Pvt. Ltd.	Endorsement for additional packaging of 1 liter in HDPE bottle as a primary packaging for the Paclobutrazol 23% SC which shall be further packed in 5-ply CFB as 10 litre of capacity as a transport packaging.	453
57.	Alphacypermethrin Incorporated Long Lasting Mosquito Bed Net 0.58% w/w	M/s V.K.A Polymers Pvt. Ltd.	Endorsement of additional packaging of Alphacypermethrin Incorporated Long Lasting Mosquito Bed Net 0.58% w/w in LDPE laminated bag having dimensions of L× W of 475×395 ± 5 mm and with thickness of minimum 70 microns. 50 nets of similar sizes placed one over the other and tied with Polypropylene / polyester/nylon straps to form a bundle. The bale was stitched by HDPE/Nylon thread with not less than 12 stitches per dm, the bale strapped along with clips or thermally fused together.	454
58.	Diafenthiuron 40% w/w + Spinetoram 5% w/w SC	M/s ADAMA India Pvt. Ltd.	Endorsement of additional secondary packaging in E-flute cartons IS 2771 (Part-1) and subsequent amendments and additional transport packaging in 5-ply CFB box of capacity 6 liter conforming to IS: 2771 (Part-1) – 2022 for Diafenthiuron 40% w/w + Spinetoram 5% w/w SC.	454

59.	Imiprothrin 0.07% + Cypermethrin 0.2% Aerosol	M/s Sai Corporation	Endorsement of additional packaging of Imiprothrin 0.07% + Cypermethrin 0.2% Aerosol for the following packing:- 24 nos. of metal container of 400 ml capacity in one shipper: Tin container of 400 ml capacity is shrink wrapped separately. 24 such containers will be further packed in CFB boxes as transport pack.	454
60.	Transfluthrin 0.08% Aerosol	M/s Sai Corporation	Endorsement of additional packaging of Transfluthrin 0.08% Aerosol for the following packing:- 24 nos. of metal container of 400 ml capacity in one shipper: Tin container of 400 ml capacity is shrink wrapped separately. 24 such containers will be further packed in CFB boxes as transport pack.	454
61.	Gibberellic Acid Technical 90.00% w/w min for import only	M/s Sumitomo Chemical India Ltd.	Endorsement of additional bulk packaging in 25 kg in LDPE bag which shall be further packed in fiber drum for Gibberellic Acid Technical 90.00% w/w min for import only	454
62.	Glufosinate Ammonium 13.5% w/w SL	M/s Krishi Rasayan Exports Pvt. Ltd.,	Endorsement of additional packaging of Glufosinate Ammonium 13.5% w/w SL in HDPE bottles of 5 liter capacity as a primary packaging. Primary pack further repacked in carton as a secondary packaging, which shall be further packed in 5-ply	454

			CFB boxes with 10 liter capacity as a transport packaging.	
63.	Temboatrione 34.4% SC	M/s Insecticides India Limited	Endorsement of new/alternate packing for surfactant in the capacity of 200 ml, 400 ml & 800 ml of PET bottle as per IS:13123-2000 for Temboatrione 34.4% SC.	454
64.	Imazethapyr 10% SL	M/s Insecticides India Limited	Endorsement of new/alternate packing for surfactant in PET bottle of capacity 250 ml, 500 ml, & 1000 ml as per IS:13123-2000 for Imazethapyr 10% SL	454
65.	Paclobutrazol 23% SC	M/s Leeds Lifesciences Pvt. Ltd.	Endorsement for additional packaging of 1 liter in HDPE bottle as a primary packaging for the Paclobutrazol 23% SC which shall be further packed in 5-ply CFB as 10 litre of capacity as a transport packaging.	454
66.	Prallethrin 0.04% w/w Mosquito Coil (Min.11 hrs.)	M/s Jyothy Labs Limited	Endorsement of alternate packaging of Prallethrin 0.04% w/w Mosquito Coil (Min.11 hrs.) for the following packing:- Option 1 : 5 double coils/ 48 secondary cartons in 3 ply shipper Option 2 : 7 double coils/ 48 secondary cartons in 3 ply shipper Option 3: 15 double coils/ 18 secondary cartons in 3 ply shipper	454

Annexure-VI

Enhancement of shelf life cases approved by the Registration Committee

Sl. No.	Company Name	Product	Proposed Shelf Life Enhancement	RC No.
1	UPL Sustainable Agri Solution LTD	Acephate 50% + Imidacloprid 1.8% SP	One Year to Two Years	451
2	M/s Agrow Allied Ventures Private Limited	Mancozeb 75% WP	One Year to Two Years	451
3	NACL Industries	Pyriproxyfen 10% + Bifenthrin 10% EC	One and half years to two years	452
4	M/s Advance Agrolife Pvt. Ltd.	Acephate 30% + Imidacloprid 1.8% SP	One year to two years.	452
5	M/s Advance Agrolife Pvt. Ltd.	Zineb 75% WP	One year to two years.	452
6	M/s Monsoon Agrochemicals Pvt Ltd.	Pendimethalin 38.7% CS	One year to two years.	452
7	M/s Monsoon Agrochemicals Pvt Ltd.	Profenophos 40% + Cypermethrin 4% EC	One year to two years.	452
8	M/s Monsoon Agrochemicals Pvt Ltd.	Profenophos 50% EC	One year to two years.	452
9	M/s Krishi Rasayan Exports Pvt Ltd.	Acephate 50% + Imidacloprid 1.8% SP	One year to two years.	452
10	M/s Krishi Rasayan Exports Pvt Ltd.	Quinalphos 25% EC	One year to two years.	452
11	M/s Krishi Rasayan Exports Pvt Ltd.	Malathion 50% EC	One year to two years.	452
12	M/s Krishi Rasayan Exports Pvt Ltd.	Dimethoate 30% EC	One year to two years.	452
13	M/s Krishi Rasayan Exports Pvt Ltd.	Profenophos 40+ Cypermethrin 4% EC	One year to two years.	452
14	M/s Advance Agrolife Pvt. Ltd.	Quinalphos 25% EC	One year to two years.	452
15	M/s Advance Agrolife Pvt. Ltd.	Monocrotophos 36% SL	One year to one and half years	452
16	M/s Advance Agrolife Pvt. Ltd.	Dimethoate 30% EC	One year to one and half years	452
17	M/s Mangla Agro Products	Sulphur 80% WP	One year to two years.	452
18	M/s Micon Laboratories (P) Ltd.	Quinalphos 25% EC	One year to two years.	452

19	M/s Micon Laboratories (P) Ltd.	Profenophos 40+ Cypermethrin 4% EC	One and half years to two years.	452
20	M/s Gharda Chemicals Limited	Pyraclostrobin 20% WG	One year to two years.	452
21	M/s MonDew Agriscience Pvt Ltd	Emamectin Benzoate 5% SG	One and half years to two years	452
22	M/s MonDew Agriscience Pvt Ltd	Dimethoate 30% EC	One and half years to two years.	452
23	M/s MonDew Agriscience Pvt Ltd	Profenophos 40% + Cypermethrin 4% EC	One and half years to two years.	452
24	M/s Grace Bio-care Pvt Ltd	Emamectin Benzoate 5% SG	One year and six months to two years	452
25	M/s Insecticides India Ltd	Pendimethalin 38.7% CS	One year to two years	452
26	M/s Agroking Pesticides Pvt Ltd	Emamectin Benzoate 5% SG	One year to two years	452
27	M/s ABCI Agrochem Pvt. Ltd.	Monocrotophos 36% SL	One year and six months to two years	452
28	M/s Micon Laboratories (P) Ltd.	Emamectin Benzoate 5% SG	One and half years to two years	453
29	M/s Dharmaj Crop Gaurd Ltd.	Diuron 80% WP	One year to two years	453
30	M/s Spectrum Ethers Pvt Ltd	Profenophos 40+ Cypermethrin 4% EC	One year and six months to two years	453
31	M/s Agro Life Science Corporation	Profenofos 40% + Cypermethrin 4% EC	One year and six months to two years	453
32	M/s Atul Limited	Diuron 80% WP	One year to two years.	453
33	M/s SML Limited	Profenophos 40+ Cypermethrin 4% EC	One and half years to two years.	453
34	M/s Ramicides Cropsciences Pvt. Ltd.	Profenophos 40+ Cypermethrin 4% EC	One and half years to two years.	453
35	M/s General Crop Science Limited	Fipronil 5% SC	One year to two years	454

36	M/s General Crop Science Limited	Acephate 50 + Imidacloprid 1.8% SP	One year to two years	454
37	M/s General Crop Science Limited	Emamectin Benzoate 5% SG	One and half year to two years	454
38	M/s General Crop Science	Mancozeb 75% WP	One year to two years	454
39	M/s General Crop Science	Metalaxyl 35% WS	One year to two years	454
40	M/s Saraswati Agro Chemicals (India) Pvt. Ltd.	Diuron 80% WP	One year to two years	454
41	M/s Biostadt India Limited	Forchlorfenuron 0.12% EC	One year to two years	454
42	M/s NACL Industries Limited	Pendimethalin 38.7% CS	One year to two years	454
43	M/s Bharat Organics	Malathion 50% EC	One year to two years	454
44	M/s NACL Industries Limited	Profenophos 50% EC	One and half year to two years	454
45	M/s NACL Industries Limited	Carbendazim 50% WP	Two years to five years	454
46	M/s Oasis Insecticides Pvt. Ltd.	Quinalphos 25% EC	One year to two years	454
47	M/s Oasis Insecticides Pvt. Ltd.	Ziram 80% WP	One year to two years	454
48	M/s Oasis Insecticides Pvt. Ltd.	Ziram 27% SC	One year to two years	454
49	M/s Chemistar India Pvt. Ltd.	Pendimethalin 38.7% CS	One year to two years	454
50	M/s Ichiban Crop Science Ltd.	Diuron 80% WP	One year to two years	454
51	M/s Ichiban Crop Science Ltd.	Malathion 50% EC	One year and six months to two years	454
52	M/s Ichiban Crop Science Ltd.	Pyraclostrobin 20% EC	One year to two years	454
53	M/s Ichiban Crop Science Ltd.	Phenthoate 50% EC	One year to two years	454
54	M/s Parijat Industries (India) Pvt. Ltd.	Acephate 50% + Imidacloprid 1.8% SP	One year to two years	454
55	M/s Advance Agrolife Private Ltd.	Malathion 50% EC	One year to two years	454
56	M/s Advance Agrolife Private Ltd.	Dimethoate 30% EC	One year to two years	454

57	M/s Advance Agrolife Private Ltd.	Monocrotophos 36% SL	One year to two years	454
58	M/s Advance Agrolife Private Ltd.	Carbendazim 50% WP	Two years to five years.	454
59	M/s Indore Biotech Inputs & Research Pvt Ltd	Neem Kernel based EC containing Azadirachtin 1% w/w min (10000 ppm)	One year to two years	454
60	M/s Sumitomo Chemical India Limited	Metalaxyl 8% +Mancozeb 64% WP	One year to two years	454
61	M/s Sumitomo Chemical India Limited	Carbendazim 12% + Mancozeb 63% WP	One year to two years	454

Annexure-7.0**List of import permit issued for multi-use/dual use (Non-insecticidal purpose)**Multi-use insecticides (Boric Acid) 451th RC:

Sr. No.	Applicant M/s	The Decision of the Registration Committee
1.	M/s Nahar Colours & Coating Pvt. Limited	Approved 450 MT Boric Acid For manufacture of Ceramic Glaze Frit/ Glaze Mix
2.	M/s Orient Glazes Pvt. Ltd.	Approved 25 MT Boric Acid for manufacture of Ceramic Glaze frit/ Glaze Mix

Multi-use insecticides (Other than Boric Acid) 451th RC:

Sr. No.	Applicant M/s	The Decision of the Registration Committee
1.	M/s Bhart Rasayan Ltd	Approved 290 MT Sodium Cyanide For manufacturing Alpha Cypermethrin Fenvalerate, Cypermethrin, Lambdacyhalothrin Technical
2.	M/s IPCA Industries Limited	Approved 40 MT Thiourea For manufacturing of Famotidine
3.	M/s R K Synthesis Limited	Approved 1000 MT Nitro Benzene For manufacturing of Aniline Oil
4.	M/s Emmennar Pharma Pvt. Ltd.	Approved 1200 MT Sodium Cyanide For manufacturing Levetiracetam (Pharma Product) & (S)-2Amino Butyramide HCl
5.	M/s Sandhya Organic Chemicals Private Limited.	Approved 3000 MT Yellow Phosphorus For manufacturing Phosphorus Trichloride
6.	M/s Sandhya Organic Chemicals Pvt. Ltd.	Approved 800 MT Yellow Phosphorus for manufacturing Aluminum & Zinc phosphide
7.	M/s United Phosphorus (India) LLP	Approved 1470 MT Orchex 796 (Mineral oil of Petroleum origin, Hydro treated light paraffinic petroleum) For manufacturing Mancozeb 620g/l OD formulation for export purpose
8.	M/s PI Industries Limited	Approved 2489 MT For manufacturing of Pyroxasulfone Technical for export

Multi-use insecticides (Other than Boric Acid) 452th RC:

Sr. No.	Applicant M/s	The Decision of the Registration Committee
1.	M/s Excel Industries Limited	Approved 6000MT Yellow Phosphorus For manufacturing of Phosphorus pentasulphide.
2.	M/s Eurofine Chemicals	Approved 400MT Sodium cyanide For manufacturing of Cuprous cyanide & Zinc cyanide
3.	M/s AnupamRasa yan India Ltd	Approved 1000MT Nitro Benzene For manufacturing of intermediate Meta Di Nitro Benzene
4.	M/s NOCIL Limited	Approved 500 MT Carbon Disulphide For Manufacturing of N Cyclohexyl-2Benzothiazyl Sulfenamides & Similar Sulfenamides.
5.	M/s SarthiChem Tech Pvt. Ltd.	Approved 350MT Yellow Phosphorus to manufacture Aluminium Phosphide – 6% , 15%, 56 % and 77.5% Tablet
6.	M/s Intech Organics Limited	Approved 21.1 MT Chloropicrin In manufacture of Methyl Bromide Technical
7.	M/s Tina Organics Private Limited	Approved 84.6 MT Yellow Phosphorus For manufacturing of phosphate esters
8.	M/s Grauer & Weil (India) Limited	Approved 24MT Thiourea For Manufacturing of Metal finishing products and other related chemicals
9.	M/s Nishant Aromas Pvt. Ltd	Approved 40 MT Eucalyptol (1,8 Cineol) for manufacturing of Perfumery Compound and Fragrance Chemicals.
10.	M/s Meghmani Organics Ltd	Approved 300MT Ethylene Di Chloride For manufacturing of Profenofos, Meta Phenoxy Benzaldehyde (MPB)
11.	M/s Nishant Aromas Private Limited	Approved 20MT Eucalyptus Oil 60 to 80 % For Manufacturing of Perfumery Compounds, Fragrance Chemicals
12.	M/s Sandhya Organic Private Limited	Approved 2000MT Yellow Phosphorus For manufacturing of phosphate pentaoxide

Multi-use insecticides (Other than Boric Acid) 453th RC:

Sr. No.	Applicant M/s	The Decision of the Registration Committee
1.	Prasol Chemicals Ltd, Khopoli, Raigarh	Approved 3000MT Yellow Phosphorus For manufacturing Phosphorus pentasulphide
2.	Prasol Chemicals Ltd., Amset, Mahad	Approved 3000MT Yellow Phosphorus for manufacturing Phosphorus pentasulphide.
3.	Amgis Lifescienc E Limited	Approved 60MT Hydrogen Cyanamide (50% Solution) For manufacturing Albendazole and Fenbendazole
4.	Integrate D Pesticides Pvt. Ltd	Approved 4.1MT Chloropicrin For manufacturing Methyl Bromide Technical
5.	Kalpatar U Chemicals Private Limited	Approved 300MT Yellow phosphorus For manufacturing Red Phosphorus
6.	Pmc Rubber Chemicals India Private Limited	Approved 200MT Carbon disulphide For manufacturing Tetra Methyl Thiuram Disulphite (TMTD)
7.	Sri Magenta Chemicals Private Limited	Approved 350MT Yellow phosphorus For manufacturing Red Phosphorus
8.	Hemani Industries Ltd	Approved 1248MT Acrylonitrile For manufacturing DV-ACID CHLORIDE
9.	Hemani Industries Ltd	Approved 300MT Ethylene Di Chloride For manufacturing of Meta Phenoxy Benzaldehyde
10.	PI Industries Ltd	Approved 220MT Thiourea For manufacturing Pyroxasulfone Technical
11.	UPL Limited	Approved 6000 MT Carbon disulphide For manufacturing Mancozeb, Propineb & Antracol Technical
14.	GRAUER & WEIL (INDIA) LIMITED	Approved 150 MT Sodium Cynide For Manufacturing Metal Furnishing Products And Besides Other Chemicals.
15.	LPL INDUSTRIES	Approved 100 MT Yellow Phosphorus For Manufacturing Phosphorus Oxychloride
16.	Grasim Industries Limited	Approved 1000 MT Carbon Disulphide For manufacturing Viscose Staple Fibre
17.	Shreyansh Labs Private Limited	Approved 1000 MT Yellow Phosphorus For manufacturing Phosphorus Trichloride, oxychloride & Penta Chloride

Multi-use insecticides (Boric Acid) 454th RC:

Sr. No.	Applicant M/s	The Decision of the Registration Committee
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1.	Grauer& Weil (India) Limited	Approved 105 MT Boric Acid For manufacturing of metal, surface furnishing products, lubricants and greases
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Multi-use insecticides (Other than Boric Acid) 454th RC:

Sr. No.	Applicant M/s	The Decision of the Registration Committee
1.	Hikal Limited	Approved 160 MT Amitrole (3-Amino1,2,4-triazole) For manufacturing of Ametoctradin
2.	Coromandel International Limited	Approved 1500 MT Carbon Disulphide For manufacturing of Mancozeb Technical
3.	Pidilite Industries Limited	Approved 200 MT Tetrachloro-p benzoquinone (Chloranil) For manufacturing of Cabazole Dioxazine Violet Pigment
4.	Grauer& Weil (India) Limited	Approved 30 MT Copper Cyanide for manufacturing of Cyco Copper Salt, Cyno Dull Copper Salt, Rochelle Copper Salt, Zinco Brass Salt, Copper Conducting salt, Cuprasol Rochelle Copper Salt, Norbond Rochelle Copper Salt, Zeeco Brass Salt, Super Brass Salt, Copper shine Rochelie Copper Salt, Cuprasol Rochelle Copper Salt M, Grobond Copper salt, White bronze salt 20, Cuproglo Salt A, Cupralink Copper Salt, Growbronze Salt A
5.	Hikal Ltd	Approved 30 MT Sodium Cyanide For manufacturing of S-Ester.
7.	Excel Industries Limited	Approved 6000MT Yellow Phosphorus For manufacturing of Phosphorus Trichloride
8.	Popular Chemical Manufacturers & Supplies	Approved 100MT Yellow Phosphorus For manufacturing of Aluminium Phosphide & Zinc Phosphide
10.	Coromandel International Limited	Approved 1000 MT Yellow Phosphorus For manufacturing of Phosphorus Trichloride

11.	UPL Ltd	Approved 23300 MT Yellow Phosphorus For manufacturing of Phosphorus Trichloride
13.	Vital Chemtech Limited	Approved 1700 MT Yellow Phosphorus For manufacturing of Phosphorous Trichloride, Phosphorous Oxychloride, Phosphorous Pentoxide, Phosphorous Pentachloride, Phosphorous Pentasulfide and Poly Phosphoric Acid

Annexure-8.0

Waiting period/pre-harvest interval between application of the pesticides and harvest in respect of various commodities in case of new formulations registered under section 9(3) & Label expansion of already registered formulations.

Insecticides

S. No	Company Name	Product Name	Crop / Commodity	Waiting period	RC No.
1.	M/s Nichino India Pvt. Ltd.	Benzpyrimoxan 10.0% + Thiamethoxam 3.3% SC	Rice	30	451
2.	M/s ISK Biosciences India Pvt. Ltd.	Cyclaniliprole 7.4% SL	Rice	30	451
3.	M/s Bayer Crop Science Ltd.	Tetraniliprole 10.08% + Thiacloprid 30.25% SC	Rice	43	451
4.	M/s Rainbow Agrosciences	Chlorpyrifos technical 97% w/w min	-	-	451
5.	M/s BASF India Ltd.	Dimpropridaz technical 95% w/w min	-	-	451
6.	M/s Mahindra Summit Agri Science Ltd.	Acequinocyl 15% SC	Rose	10	451
7.	M/s BASF India Ltd.	Dimpropridaz 120 g/l SL	Brinjal	3	451
			Tomato	3	
			Chilli	3	
			Cotton	31	
			Cucumber	3	
8.	M/s Bayer Crop Science Ltd.	Spirotetramat 15.31% OD	Cabbage	7	451
9.	M/s Syngenta India Ltd.	Cyantraniliprole 19.8% + Thiamethoxam 19.87% FS	Maize	-	451
10.	M/s Insecticides India Ltd.	Cyenoxyrafen 30% SC	Brinjal & Rose	10	451
11.	M/s Bayer Crop Science Ltd.	Novaluron 5.25% + Indoxacarb 4.5% SC	Chilli	7	451
12.	M/s ADAMA India Pvt. Ltd.	Fluensulfone 2% GR	Capsicum	38	451
13.	M/s ADAMA India Pvt. Ltd.	Novaluron 5.25% + Emamectin benzoate 0.9% SC	Soyabean	28	451
			Groundnut	28	
			Blackgram	20	
14.	M/s Godrej Consumer Products Ltd	Renofluthrin 1.0% w/w incense sticks	Control of mosquitoes (<i>Anopheles</i>)	-	452

			<i>stephensi, Aedes aegypti, and Culex quinquefasciatus)</i>		
15.	M/s FMC India Pvt. Ltd.,	Bifenthrin 2.5% + Acetamiprid 2.1% ME	Cockroaches (<i>Periplanata americana</i> and <i>Blattella germanica</i>), Housefly (<i>Musca domestica</i>) and Bed bug (<i>Cimex hemipterous</i>) in household	-	452
16.	M/s Gharda Chemicals Ltd.	Fipronil 15% + Imidacloprid 5% SC	Cotton	6	452
17.	M/s Agro Life Science Corporation	Dimethoate 20% + Cypermethrin 3% EC	Brinjal	7	452
18.	M/s Sulphur Mills Ltd.	Lambda cyhalothrin 9.7% w/w(10% w/v)	Mosquitoes, housefly, cockroaches, bed bug in household.	-	452
19.	M/s Indofil Industries Ltd.	Diafenthiuron 48.0% + Dinotefuran 8.0% WG	Brinjal	03	452
			Cotton	43	452
20.	M/s Dhanuka Agritech Ltd.,	Fluxametamide 5.81% + Bifenthrin 5.81% EC	Brinjal	07	452
			Tomato	07	
			Chilli	07	
			Cabbage	08	
21.	M/s Bayer Crop Science Ltd.	Spirotetramat 15.31% OD	Brinjal	05	452
22.	M/s Gharda Chemicals Ltd.	Indoxacarb 5% + Fipronil 5% SC	Tomato	24	452
23.	M/s Gharda Chemicals Ltd.	Fipronil 4% + Acetamiprid 4% SC	Chilli, Tomato and Okra	07	452
24.	M/s Seedling India Pvt. Ltd.	Trifloxysrobin 6% + Thiamethoxam 24% + Thiophanate methyl 9.5% FS	Okra	NA	453
25.	M/s Gharda Chemicals Ltd.	Fipronil 15% + Chlorantraniliprole 5% SC	Rice	49	453
26.	M/s GSP Crop Science Pvt. Ltd.	Pymetrozine 30% + Tebuconazole 37% WG	Rice	33	453
27.	M/s UPL Ltd.	Cartap hydrochloride 7.5% + Chlorantraniliprole 0.4% GR	Rice	59	453

28.	M/s Syngenta India Ltd.	Cyantraniliprole 10% + Pymetrozine 50% WG	Rice	43	453
29.	M/s Gharda Chemicals Ltd.	Fipronil 15% + Deltamethrin 2.5% SC	Tomato	07	453
30.	M/s Natco Pharma Ltd.	Cyantraniliprole technical 93% w/w min.	-	-	453
31.	M/s Synergia Sciences Pvt. Ltd.	Metofluthrin technical 96% w/w min.	-	-	453
32.	M/s GSP Crop Science Pvt. Ltd.	Methoxyfenozide technical 97% w/w min.	-	-	453
33.	M/s GSP Crop Science Pvt. Ltd.	Methoxyfenozide 20% + Chlorantraniliprole 5% SC	Groundnut	27	453
34.	M/s UPL Ltd.	Acephate 97% DF	Maize	51	453
35.	M/s Bayer Crop Science Ltd.	Imidacloprid 48.0% FS	Chilli	-	453
36.	M/s Bayer Crop Science Ltd.	Imidacloprid 48.0% FS	Groundnut	-	453
37.	M/s Bayer Crop Science Ltd.	Flubendamide 24% + Thiacloprid 24% SC	Brinjal	05	453
38.	M/s Bayer Crop Science Ltd.	Spirotetramat 11.0% + Imidacloprid 11.01% SC	Tomato	05	453
39.	M/s UPL Ltd.	Flonicamid 50% WG	Mango	15	453
			Tomato	05	
			Chilli	05	
			Soybean	35	
			Potato	20	
40.	M/s Parijat Industries (India) Ltd.	Fipronil 4.0% + Acetamiprid 4.0% SC	Chilli	12	453
			Tomato	08	
			Okra	12	
41.	M/s Rallis India Ltd.	Flubendamide 3.5% + Hexacocnazole 5% WG	Tomato	-	453
42.	M/s Syngenta India Ltd.	Thiamethoxam 1.0% + Chlorantraniliprole 0.5% GR	Onion	07	453
43.	M/s Bayer CropScience Ltd.	Tetraniliprole 18.18% SC	Maize	-	453
44.	M/s Sumitomo Chemicals India Pvt. Ltd.	Etoxaconazole 10% SC	-	-	454

45.	M/s Bharat Rasayan Ltd.	Lamba cyhalothrin 22.8% CS	-	-	454
46.	M/s BASF India Ltd.	Teflubenzuron technical 98% w/w min.	-	-	454
47.	M/s BASF India Ltd.	Alphacypermethrin 75 g/l + Trifluzenuron 75 g/l SC	Chilli	03	454
			Soybean	28	454
			Tomato	10	454
48.	M/s Godrej Consumers Products Ltd.	Renofluthrin 1.5% Liquid Vaporizer	-	-	454
49.	M/s Seedling India Pvt. Ltd.	Pymetrozine 30% + Dinotefuran 10% + Pyraclostrobin 20% WG	Rice	-	454
50.	M/s Rallis India Ltd.	Fipronil 12.5% + Lambdacyhalothrin 5% ZC	Cotton	35	454
			Chilli	07	454
			Onion	07	454
			Tomato	07	454
51.	M/s Rallis India Ltd.	Buprofezin 20% + Acephate 50% WP	Chilli	07	454
52.	M/s Bayer Crop Science Ltd.	Flubendamide 8.33% + Deltamethrin 5.56% SC	Rice	35	454
53.	M/s Gowan India Pvt. Ltd.	Fenazaquin 18.3% SC	Chilli	10	454
			Okra	07	
			Tomato	07	
54.	M/s Bayer Crop Science Ltd	Flubendiamide 19.92% + Thiacloprid 19.92% SC	Cucumber	30	454
55.	M/s Sumitomo Chemical India Ltd.	Pyridalyl 10% EC	Maize	18	454

Herbicide/PGRs

S. No	Company name	Chemical name	Crop name	Waiting Period	RC
1.	UPL Ltd.	Glufosinate ammonium 50% WG	Non-crop area	-	451

2.	UPL Ltd.	Glufosinate ammonium 14.3% + Glyphosate (isopropyl ammonium) 18.04% SL	Non-crop area	-	451
3.	Willowood Chemicals Pvt. Ltd.	Paraquat dichloride 24% + Oxyfluorfen 5% SC	Tea	15	451
4.	Willowood Chemicals Pvt. Ltd.	Fenoxaprop-p-ethyl 6% + Chlorimuron ethyl 0.9% + Imazethapyr 10% SC	Soybean crop	94	451
5.	Bayer Crop Science Ltd.	Fenoxaprop-p-ethyl 9.3% EC	Jute crop	-	451
6.	LG Life Science India Pvt. Ltd.	Pyribenzoxim 5% w/w EC	Transplanted paddy, Direct seeded paddy, Nursery paddy (Subject to MRL fixation)	79, 89, -	452
7.	Agro Life Science Corporation	2,4-D Sodium salt 50% + Metribuzin 15% WP	Wheat	120	452
8.	Dhanuka Agritech Ltd.	Fomesafen 12.5% + Quizalofop ethyl 4.68% EC	Groundnut, Soybean	96, 77	453
9.	Willowood Chemicals Pvt. Ltd.	Fenoxaprop-p-ethyl 5% + Chlorimuron ethyl 0.6% + Pretilachlor 50% ME	Transplanted rice	76	453

10.	Willowood Chemicals Pvt. Ltd.	Paraquat dichloride 7.50% + Glyphosate 30% SC	Non-crop area	-	453
11.	ADAMA India Pvt. Ltd.	Fomesafen 16.8% + Propaquizafop 5.2% ME	Black gram, Green gram	51, 46	453
12.	Rallis India Ltd.	Diclosulam 0.9% + Pendimethalin 35% SL	Soybean, Groundnut	107, 107	453
13.	Saraswati Agro Chemicals (India) Private Limited	Ethalfluralin 35.65% w/w EC (36% EC)	Cotton, Potato, Soybean (Subject to MRL fixation)	107, 92 107	454
14.	Dhanuka Agritech Ltd.	Ipfencarbazon 25% SC (22.81% w/w)	Transplanted rice (Subject to MRL fixation)	24	454
15.	Willowood Chemicals Ltd.	Fomesafen 12.5% + Fenoxaprop-p-ethyl 10% + Chlorimuron ethyl 0.9% ME	Soybean	78	454

Fungicide

Sl. No.	Company Name	Product Name	Crop claim	Waiting Period /PHI (Days)	RC No.
1.	M/s GSP Crop Science Private Limited	Thifluzamide 15%+Difenoconazole 20% SC	Rice	27	451
2.	M/s BASF INDIA Ltd	Mefentrifluconazole 133 g/l + Fluxapyroxad 89 g/l + Pyraclostrobin 178 g/l SC	Groundnut	37	451

3.	M/s. Indofil Industries Limited	Mancozeb 68% + Hexaconazole 4% w/w WG	Rice	30	452
4.	M/s Sumitomo Chemical India Ltd.	Validamycin5%+Tebuconazole15%SC	Rice	47	452
5.	M/s ISK Bioscience India Pvt Ltd.	Pyriofenone 180 SC	Grape	05	453
6.	M/s Seedlings India Pvt. Ltd	Trifloxystrobin 6% +Thiophanate Methyl 9.5%+Thaimethoxam 24% FS	Okra	Seed treatment	453
7.	M/s UPL Limited	Mancozeb 52.6% + Hexaconazole 2.4% WG	Paddy	33	454
			Chilli	10	
			Apple	20	
8.	M/s UPL Limited	Mancozeb 62.5% + Chlorothalonil 12.5% WG	Grape	06	454
			Potato	35	
9.	M/s Coromandel International Ltd	Mancozeb 40% + Tebuconazole 1 % WS	Groundnut	Seed treatment	454
10.	M/s UPL Limited	Azoxystrobin 25% + Boscalid 35 % WG	Grape	5	454
			Tomato	10	
			Chilli	10	
11.	M/s. Syngenta India Limited	Pydiflumetofen 6.89% + Difenoconazole 11.49% w/w SC	Grape	10	454
			Chilli	5	
			Tomato	5	
			Groundnut	47	
1.	M/S Syngenta India Private Limited	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC	Banana	57	451
2.		Thiophanate methyl 70% WG	Rice	37	

	M/s Sulphur Mills Limited		Grapes	07	
3.	M/s BASF India Limited	Fluxapyroxad 75 g/l+ Difenoconazole 50g/l SC	Pomegranate	10	452
4.	M/s UPL Limited	Azoxystrobin 8.3% + Mancozeb 66.7% WG	Pomegranate	25	452
5.	M/s ADAMA India Private Limited	Bupirimate 26.7% w/w EC	Watermelon	07	452
6.	M/s BASF India Limited	Fluxapyroxad 167 g/l + Pyraclostrobin 333 g/l SC	Cumin	16	452
			Banana	10	
7.	M/s Dhanuka Agritech Limited	ThiophanateMethyl 44.8% + Kasugamycin 26% SC	Potato	Seed treatment	452
8.	M/s T. Stanes and company Ltd.	Bacillus subtilis 1.50% LF	Tomato	Seed treatment	453
9.	WP M/s T. Stanes & Company Ltd.	Ampelomyces quisqualis 2.0%	Cucumber	-	453
			Grape	-	
10.	M/S BASF India Limited	Metiram 70 % WG	Mango	64	453
			Pomegranate	10	
11.	Syngenta India Ltd	Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC	Coffee	62	453
12.	M/s Rallis India Limited	Flubendiamide 3.5% + Hexaconazole 5% WG	Tomato	05	453
13.	M/S Bayer CropScience Limited.	Tebuconazole 50% +Trifloxystrobin 25% WG	Brinjal	05	453
14.	M/s BASF India Ltd.	Fluxapyroxad 167 g/l + Pyraclostrobin 333 g/l SC	Soybean	27	453
			Cotton	45	
15.	M/s RALLIS INDIA LIMITED	Kresoxim-methyl 44.3% w/w SC	Tea	21	454
16.	M/s Insecticides India Limited	Hexaconazole 4% + Carbendazim 16% SC	Grape	30	
17.	M/s ADAMA India Pvt. Ltd	Bupirimate 26.7% w/w EC	Apple	15	

18.	M/s SML Limited	Thiophanate Methyl 70% WG	Chilli	07	
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Annexure 10.0

New molecules for Inclusion in the Schedule to the Insecticides Act 1968

S. No.	Application No./ Name of the Applicant	CAS No/ Common Name/ IUPAC Name	Bio-efficacy	Toxicity	Decision of the Board
1.	INC-10059 Shubham Specialty Products India Pvt Ltd	63333-35-7/ Bromethalin/ N-Methyl-2, 4-dinitro-N-(2, 4, 6-tribromophenyl)-6-(trifluoromethyl) aniline	Bromethalin is reported as a non anticoagulant rodenticide and it is used for the control of commercial rodents.	Acute oral: LD ₅₀ > 431-1050 mg/kg body weight for Rat. Acute dermal (Rat): > 4000 mg/kg Acute inhalation (rat): > 5.6(4h) Primary skin irritation: not an irritant Eye irritation: NOEL (2 y) for rats 1.1 mg/kg b.w daily. Skin sensitization (Guinea pig): No skin sensitization reported	Approved
2.	INC-10062 Cropnosys India Pvt. Ltd.	109293-97-2/ Diflufenzopyr/ 2-[(E)-N-[(3,5-difluorophenyl)carbamoylamino]-C-methylcarbonimidoyl]pyridine-3-carboxylic acid	Diflufenzopyr is a semicarbazone herbicide used for selective broadleaf weed control. It is an auxin transport inhibitor, disrupting the delicate auxin balance needed for plant growth.	Acute Oral Toxicity in Rats - LD ₅₀ > 5000 mg/kg in males and females; Acute Dermal Toxicity in Rabbits - LD ₅₀ > 5000 mg/kg in males and females Acute Inhalation Toxicity in Rats - LC ₅₀ > 2.93 mg/L in males and females Primary Eye Irritation in Rabbits - Mild irritation resolved within 48 hours in 4/6 rabbits Primary Dermal Irritation in Rabbits - Non-irritating; Primary Dermal Sensitization in Guinea-Pigs - Did not exhibit any sensitization potential.	Approved

3.	INC-10065 ADAMA India Pvt. Ltd.	25496-92-8/ Sucroglycerides/ Sucroglycerides derived from Vegetable Oils	Sucroglycerides reported as novel biodegradable surfactants for plant protection formulations. It is also reported to be used as food additives.	Acute oral LD ₅₀ , (Rats): >5000 mg/kg Acute dermal LD ₅₀ (Rats): >5000 mg/kg Acute inhalation LC ₅₀ (Rats): > 8.7 mg/l Primary skin Irritation: Non irritating Irritation to mucous membrane: Non irritating to eye Skin Sensitization: It is shown not sensitizing effect Ecotoxicology Data: Acute or chronic toxicity to Birds LD ₅₀ : >2000 mg/l Acute or chronic toxicity to Fish LC ₅₀ : >100 mg/l Acute or chronic toxicity to bee LD ₅₀ : >100 µg/l	Decided to refer to the Sub-committee, for further examination
4.	INC-10087 Zhongshan Crop Science India Pvt. Ltd	2759011-88-4/ Flufenoximacil/ Methyl (2R)-2- {[(E)-({2- chloro-4-fluoro- 5-[3-methyl-2,6- dioxo-4- (trifluoromethyl) -3,6- dihydropyrimidin-1(2H)- yl]phenyl}meth ylidene)amino]oxy}propanoate	Flufenoximacil is a novel fast acting phenyluracil herbicide for non-selective weed control. It is a new-generation contact-toxicity burn down herbicide and a PPO inhibitor with a wide herbicidal spectrum	Acute oral LD ₅₀ (14 days) (Female and male Rats): >5000 mg/kg Acute dermal (14 days) (Female and male Rats): >2000 mg/kg Acute inhalation LC ₅₀ (4hrs) (Female and male Rats): >5000 mg/m ³ Acute eye irritation in Rabbits: Non irritating Skin sensitization in guinea pig: Non sensitizer Mutagenicity (Ames test): Non mutagenic in bacterial strain	Approved
5.	INC-10089	Entomopathogenic fungus/	<i>Isaria fumosorosea</i>	The factsheet on Isaria fumosorosea reveals that	Approved

	ICAR-National Bureau of Agricultural Insect Resources	Isaria fumosorosea	(formerly <i>Paecilomyces fumosoroseus</i>) is reported as entomopathogenic fungi and also reported to be effective against several sucking insect pest	there are no expected health risks and is not toxic to human beings.	
6.	INC-10091 Insecticides India Limited	1994348-72-9 / Ipriazopyrid/ N-(5-methyl-1,3,4-oxadiazol-2-yl)-3-[(propane-2-sulfonyl)methyl]-5-(trifluoromethyl)[1,2,4]triazolo[4,3-a]pyridine-8-carboxamide	Ipriazopyrid can be used as a herbicide for paddy fields.	Acute oral LD ₅₀ (Rats): >2000 mg/kg Acute dermal LD ₅₀ (Rats): >2000 mg/kg Acute inhalation LC ₅₀ (4hrs) : >0.974 mg/l Acute eye irritation in Rabbits: minimal irritating Skin sensitization in guinea pig: Non sensitizer Sub Chronic toxicity: Male and female rat (oral 90 days: 1.39 and 1.63 mg/kg/day Male and female rat and dog (dermal 21 days: 1000 mg/kg/day Ecotoxicology data: Acute or chronic toxicity to Birds LD ₅₀ : >2000 mg/l Acute or chronic toxicity to Fish LC 50: >100 mg/l Toxicity to daphnia EC ₅₀ : >100 mg/L	Approved
7.	INC-10108 Shubham Specialty	16484-77-8/ Mecoprop-P/	Mecoprop-P is a selective, systemic	Acute oral LD ₅₀ (Rats): 431-1050 mg/kg	Approved

	Products India Pvt Ltd	(R)-2-(4-Chloro-2-methylphenoxy) propionic acid	hormone-type herbicide, absorbed by the leave, with translocation to the roots. It is used as a post-emergence herbicide for the control of broadleaved weeds in wheat, barley, oats, herbage seed crops and grassland.	Acute dermal LD ₅₀ (Rats): >4000 mg/kg Acute inhalation LC ₅₀ (4hrs) : >5.6 mg/l Acute eye irritation in Rabbits: severe irritant Skin irritant: Non irritant Skin sensitization in guinea pig: Non sensitizer Mutagenicity: Non-mutagenic Carcinogenicity: Non carcinogenic Teratogenicity: Non-teratogenic Ecotoxicology data: Acute or chronic toxicity to Birds (Bobwhite quail) LD ₅₀ : >497 mg/l Chronic toxicity (96 hrs) to Fish LC ₅₀ : >100-220 mg/l Toxicity to daphnia EC ₅₀ (48 hrs): >100 mg/L Toxicity to bee LC ₅₀ :>100 Ug/Bee Toxicity to Earthworm LC ₅₀ (14 Days): >494 mg/kg soil	
8.	INC-10119 P I Industries Ltd	2368920-61-8/ Pioxaniliprole/ N-[4-Chloro-2-[[[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-	Pioxaniliprole is reported as an new molecule, insecticide	Acute oral LD ₅₀ Rats): 5000 mg/kg b.w Acute eye irritation in Rabbits: Non irritant Skin irritant: Non irritant Skin sensitization: Non sensitizer Ecotoxicology data: Chronic toxicity to Fish LC ₅₀ : >49 mg/kg Toxicity to bee LC ₅₀ :>100 Ug/Bee	Approved

		[(1,1-dioxido-3-thietanyl)oxy]-1H-pyrazole-5-carboxamide		Toxicity to Earthworm LC ₅₀ (14 Days): >1000 mg/kg soil	
9.	INC-10060 Telluris Biotech India Private Limited	Peptide 3a/ Peptide 3a derived from CED-4 protein	Studies demonstrate that peptides act on variety of insect pests from lepidopteran, dipteran and hemipteran families. In addition, a study demonstrated that the peptides limit the reproduction of nematode in soybean crop.	Acute oral: LD ₅₀ > 5000 mg/kg body weight for Rat. Acute dermal LD ₅₀ (Rat): > 2000 mg/kg Acute inhalation LD ₅₀ (rat): > 5.1 mg/L (4h) Primary skin irritation: Non-irritant to skin Eye irritation: Non-irritant to eye Skin sensitization: (Guinea pig): Non-sensitizer Acute Fish toxicity- Fresh water fish: LC ₅₀ , LOEC, NOEC (96 h): > 100 mg/L Acute Fish toxicity- Rainbow trout: LC ₅₀ , LOEC, NOEC (96 h): > 100 mg/L Acute contact toxicity in honey bees: LD ₅₀ (48 h): > 100 µg test item/bee Acute oral toxicity in honey bees: LD ₅₀ (48 h): > 100 µg test item/bee	Decided to refer to the Sub-committee, for further examination
10.	INC-10061 Telluris Biotech India	Peptide 12a/	Studies demonstrated that peptides act on variety of insect	Acute oral: LD ₅₀ > 2000 mg/kg body weight for Rat.	Decided to refer to the Sub-committee,

	Private Limited	Peptide 12a derived from CED 4 protein	<p>pests from lepidopteran, dipteran and hemipteran families.</p> <p>In addition, a study demonstrated that the peptides limit the reproduction of nematode in soybean crop.</p>	<p>Acute dermal LD₅₀ (Rat): > 2000 mg/kg</p> <p>Acute inhalation LD₅₀ (rat): > 3.41mg/L (4h)</p> <p>Primary skin irritation: Non-irritant to skin</p> <p>Eye irritation: Non-irritant to eye</p> <p>Skin sensitization: (Guinea pig): Non-sensitizer</p> <p>Acute contact toxicity in honey bees: LD₅₀ (48 h): > 100 µg test item/bee</p> <p>Acute oral toxicity in honey bees: LD₅₀ (48 h): > 100 µg test item/bee</p>	for further examination
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