

MINUTES OF THE 68th MEETING OF THE CENTRAL INSECTICIDES BOARD (CIB) HELD ON 10.06.2025 AT 1100 HRS IN ROOM NO. 445 A, NIRMAN BHAWAN, DELHI

The 68th meeting of the Central Insecticides Board was held on 10.06.2025 at 1100 hrs through hybrid mode (physical/video conferencing) under the Chairmanship of Dr. Sunita Sharma, 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-1**.

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 67 th meeting of CIB held on 10.12.2024	No comments were received from the members on the minutes of 67 th meeting of the Board, therefore, the minutes of 67 th meeting of CIB were confirmed.
Agenda Item No. 2	Follow-up action on the decisions of the 67 th Meeting of the CIB	<p>The Board noted the follow-up action on the decisions of the 67th meeting with satisfaction and appreciated the efforts made by the Secretariat of CIB&RC to complete the action in a time bound manner (Annexure-2). The following points of follow-up were deliberated in detail:</p> <ol style="list-style-type: none"> 1. The Board noted the minutes of meeting of the Sub-committee, formed by the CIB in its 65th meeting, to examine and recommend or otherwise for inclusion of substances/molecule Bacteriophages (virus), Maltodextrin and such other referred molecules, in the schedule to the Insecticides Act, 1968. 2. Board was apprised that from the period from April 2025 to March 2025 registration of new molecules have taken a leap and a record 21 new molecules are registered by the Registration committee.
Agenda Item No. 3	Progress Report of the Registration Committee, Central Insecticides Laboratory, Techno- legal Cell and RPTL's	Secretary(CIB&RC) apprised the progress made by the Registration Committee since last Board Meeting (67 th), including the new & already registered chemical pesticide formulations approved/ registered by the RC u/s 9(3) (Annexure-3.1) and bio-pesticides approved/ registered by the RC (Annexure-3.2) during this period. A total of 10983 applications have been approved for grant of registration, import permits and endorsements in various categories during the period from 01.12.2024 to 31.05.2025.


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		The Board noted the progress of CIB&RC, CIL, Techno-legal Cell and RPTL's with satisfaction. As per the directions received from the board during the 67 th Board meeting, state-wise data (number of pesticide samples received and analyzed and number of samples found misbranded during testing in various SPTLs / RPTLs and CIL was also included.
Agenda Item No. 4	Additional and new packing approved by the Registration Committee	The Board noted the progress made by the RC in approving additional and new packing for approved pesticides by the RC under section 9(3) of the insecticide Act, 1968. (Annexure-4)
Agenda Item No. 5	Enhancement of shelf-life cases approved by Registration Committee	The Board noted the progress made by the RC on enhancement of shelf-life cases for registered products. (Annexure-5)
Agenda Item No. 6	Import permit issued for multi-use/dual-use (non-insecticidal purpose)	The Board members were apprised about the import permits issued by RC for Multi-use/Dual-use Pesticides (for Non-Insecticidal purpose) during the period from 01.12.2024 to 31.05.2025. (Annexure-6)
Agenda Item No. 7	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 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 01.12.2024 to 31.05.2025. (Annexure-7).
Agenda Item No. 8	Import of boric acid under dual use insecticide	The Board noted the decision of the 462 nd meeting of the Registration Committee held on 07.03.2025 to include the forms of Boric acid into the Schedule to the Insecticides Act, 1968.
Agenda Item No. 9	Minutes of Meeting for Inclusion of Bacteriophage, Maltodextrin, Peptides, Sucroglycerides, Polyglycerol, Parthenin, Ipomea, Maltodextrin and Butroxydim in the	The Board noted the progress and outcome of the meeting of the sub-committee, wherein it recommended the inclusion of one Xap04 Bacteriophage to the schedule of the Insecticides Act, 1968, subject to the submission of data on stability studies, eye and skin irritation and genetic characterization. Board appreciated the fact that with inclusion of the bacteriophages India is progressing ahead in adopting new technologies which may prove to be a valuable alternative to

	Insecticide Schedule held on 01.4.2025 virtually.	chemical bactericides in agriculture and may offer a promising and sustainable approach in controlling plant diseases, with potential benefits for both the environment and human health. Further cautious research and development are needed to fully realize potential of this technology in the area of agriculture.
Agenda Item No. 10	Consideration of Notifications issued by Ministry of Agriculture and Farmers Welfare.	<p>The Board noted amendments made in the Rules through following Gazette Notifications/drafts published/to be published in the Gazette of India, Extraordinary, Part II, Section 3, by the Department of Agriculture and Farmers Welfare, Ministry of Agriculture and Farmers Welfare during the period 01.12.2024 to 10.06.2025.</p> <ol style="list-style-type: none"> 1. Draft Notification No. GSR 4 (E) dated 03.01.2025 (<i>Testing fees for sample of bio-pesticide submitted by farmer whose active ingredient is known, is Rs. 200/- sample</i>) 2. Gazette Notification No. 927(E) dated 20.02.2025 (<i>inclusion of substances into the Schedule</i>) 3. Draft Gazette Notification No. G.S.R. 368(E) dated 03.06.2025 (<i>Amendments in the Rules w.r.t. label and leaflet requirements</i>) 4. Gazette Notification No. 367(E) dated 04.06.2025 (<i>Amendments in the Rules w.r.t. House-hold insecticides</i>)
Agenda Item No. 11	List of Molecules proposed to be included in the Schedule to the Insecticides Act, 1968	<p>The Board deliberated the agenda in detail and decided as per Annexure -8. (Approved 12 new molecules for inclusion in the Schedule to the Insecticides Act, 1968, approved 01 molecule subject to submission of data on stability studies, eye and skin irritation and genetic characterization, did not approve 17 molecules, deferred 07 molecules for the want of more information/inputs and referred 04 molecules to the Sub-committee formed on the same matter for examining their eligibility)</p> <p>Board was apprised about the receipt of requisite information by the Secretariat of CIB&RC for the following 04 applications that were considered in the 67th Board meeting and approved by the board for inclusion into the Schedule subject to submission of reference of the generation of the toxicity data.</p> <p>Spidoxamat (Application No. INC-10088)</p>

		<p>Rimisoxafen (Application No. INC-10121)</p> <p>Cybenzoxtasulfyl (Application No. INC-10122)</p> <p>Epyrifenacil (Application No. INC-10131)</p> <p>Accordingly, the same stands approved for inclusion into the Schedule.</p>
Agenda Item No. 12	Representation received from Connex Pharma Private Limited regarding clarification and rectification: Inclusion of Hexamethyldisilazane in Insecticide Schedule	The Board discussed the matter and is of the opinion that since Hexamethyldisilazane is required for pharmaceutical and other non-agricultural uses, the import of the product may be governed as per the guidelines laid down by Central Drugs Standard Control Organization.
Agenda Item No. 13	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.		

Annexure-1- List of Participants of 68th meeting of the Central Insecticides Board held on 10.06.2025 at 11:00Hrs (Hybrid Mode)

Annexure-2-Follow-up Action the decisions of the 67th Meeting of the CIB

Annexure-3.1-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]

Annexure-3.2- List of approved Bio-pesticides u/s 9(3b)/9(3) of the Insecticides Act, 1968

Annexure-3.3-Progress Report of CIL

Annexure-3.4-Progress Report of TLC and RPTLs

Annexure-4-List of Additional and new packing approved by Registration Committee till RC 459

Annexure-5-Enhancement of shelf life cases approved by the Registration Committee.

Annexure-6-List of import permit issued for multi-use/dual-use (Non-insecticidal purpose)

Annexure-7-Waiting period/pre-harvest interval between application of the pesticides and harvest in respect of various commodities in case of new formulations registered U/S 9(3) & Label expansion of already registered formulations

Annexure-8-New molecules for Inclusion in the Schedule to the Insecticides Act, 1968

Annexure -1

List of Participants of 68th meeting of the Central Insecticides Board held on 10.06.2025 at 11:00Hrs (Hybrid Mode)

Board Chairman/ Members

1. Dr. Sunita Sharma, Director-General of Health Services (DGHS).
2. Dr. P. K. Singh, Agriculture Commissioner, DA&FW
3. Dr. J. P. Singh, Plant Protection Adviser, DPPQS, Faridabad
4. Dr. Archana Sinha, Secretary (CIB&RC), DPPQS, Faridabad
5. Dr. Meera Dhoria, JD, NCDC
6. Dr. Gauri Sankar, Representative, DCI
7. Dr. Pawan Sharma, Representative, ICAR
8. Dr. Jyothi G, DGHS
9. Dr. Himmat Singh, ICMR-NIMR
10. Dr. Lokesh Kori, ICMR-HQ
11. Shri Kuldeep Mittal, BIS
12. Sh. Saket Kumar Pandey, DD(S), DGFASLI

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. Dr. Subhash Chaudhary, JD (Chem)
4. Dr. Nidhi Dubey, DD (Chem)
5. Dr. Avnish Tomar, DD (Chem)
6. Dr. Brijesh Tripathi, DD (Chem)
7. Dr. Rani Sahu, DD (Tox.)
8. Sh. Hari Om Miglani, Sr. L.O.
9. Dr. G. K. Bunkar, DD (E)
10. Dr. T. S. Rajan, AD (E)
11. Sh. Durga Prasad, PPO(PP)
12. Dr. Swati Som, AD (Tox.)
13. Dr. Swantantra Singh, DD (Tox.)
14. Dr. S. K. Jain, Sr. Consultant (Medical Tox.)
15. Dr. Rahish Ahmad, Sr. Consultant (Medical Tox.)
16. Dr. Sameya Anjum, Consultant (Medical Tox.)
17. Shri AK Shandilya, PPO(Chem)
18. Dr. Vinita Pachauri Sharma, APPO(Chem)

Annexure-2**Follow-up Action on 67th CIB meeting**

The 67th meeting of the Central Insecticides Board was held on 10.12.2024 at 1400 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 following Follow-up Action was taken on the outcomes of 67th CIB meeting:

S. No.	Subject	The decision of the CIB	Action Taken
Agenda Item No. 1	Confirmation of minutes of 66 th meeting of CIB held on 29.04.2024	No comments were received from the members on the minutes of 66 th meeting of the Board, therefore, the minutes of 66 th meeting of CIB were confirmed.	No Action Required
Agenda Item No. 2	Follow-up action on the decisions of the 66 th Meeting of the CIB	<p>The Board noted the follow-up action on the decisions of the 66th 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 8 new molecules are yet to be notified and included in the schedule to the Insecticides Act, 1968. 2. The Board noted the progress made by the Sub-committee, formed by the CIB in its 65th meeting, to examine and recommend or otherwise for inclusion of substances / molecule Bacteriophages (virus), Maltodextrin and such other referred molecules, in the schedule to the Insecticides Act, 1968. Board noted that the Sub-committee has conducted preliminary meeting on 28.11.2024. The Board directed the Sub-committee to expedite the exercise and place its findings/report in the next Board meeting vide F. No. 4-2/2023-CIR-II [E-127952] 	<p>1. DA& FW has been communicated the same to issue further notification.</p> <p>2. The decision of the CIB has been conveyed to the Sub-Committee with the request to expertise the exercise and place its findings/report in the next Board meeting vide F. No. 4-2/2023-CIR-II [E-127952]</p> <p>The meeting of the subcommittee was held on 1.4.2025 virtually. The Committee discussed the proposed inclusion of Bacteriophage, Ipomoea, Parthenin, Peptides.</p>

			<p>Maltodextrin, Sucroglycerides, Polyglycerol, and Butroxydim in the Insecticide Schedule. The deliberations were based on the data submitted by the applicants, which included information on bio-efficacy, chemical composition, toxicological studies, and registration status in other countries.</p> <p>The Committee recommended inclusion of one molecule in the Insecticide Schedule, subject to the submission of data on stability studies, eye and skin irritation, and genetic characterization</p> <p>(Minutes of Meeting-Annexure-2)</p>
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 (65th), 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, however desired to provide more information on analysis of samples. Board desired State-wise data about the number of samples being analysed and found failing in various SPTLs / RPTLs and the number of samples received from such States / RPTLs and analysed in CIL along with their analytical status.</p>	<p>The decision of the CIB has been conveyed to CIL and TLC, DPPQ&S for compliance vide office memorandum F. No. 4-2/2023-CIR-II [E-127952] dated 26.03.2025.</p> <p>The same has been incorporated in the present progress reports.</p>

Agenda Item No. 4	Major achievements of Secretariat of CIB&RC during the period 01.04.2024 to 30.11.2024	The Board appreciated the efforts made by the Secretariat of CIB&RC on disposing of 11705 number of applications for grant of registration, permits, and endorsements in various categories during the period from 01.04.2024 to 30.11.2024. The Board recorded their satisfaction in the major achievements and reforms made by the Secretariat of CIB&RC.,	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 under section 9(3) of the insecticide Act, 1968. (Annexure-5)	No Action Required
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 01.04.2024 to 30.11.2024. (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	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)	No Action Required

	under section 9(3) & label expansion of already registered formulations.		
Agenda Item No. 9	Consideration of Notifications issued by Ministry of Agriculture and Farmers Welfare.	<p>The Board noted amendments made in the Rules through following Gazette Notifications published in the Gazette of India, Extraordinary, Part II, Section 3, by the Department of Agriculture and Farmers Welfare, Ministry of Agriculture and Farmers Welfare during the period 01.04.2024 to 30.11.2024.</p> <ol style="list-style-type: none"> 1. Draft Gazette notification vide G.S.R 507 (E) dated 16.08.2024 regarding amendment in the Insecticides Rules, 1971 in the clauses related to the house hold insecticides. 2. Gazette notification vide S.O. 3950 (E) dated 30.09.2024 regarding the appointment of the Insecticides Inspector with their jurisdiction. 	DA & FW has been communicated the decision of the Board vide F. No. 4-2/2023-CIR-II [E-127952]
Agenda Item No. 10	Consideration for amending Punjab Insecticides (Appeal) Rules 1975 – made under Insecticides Act, 1968.	Noted the amendment being done by the Punjab State Government in accordance to the power enshrined to it under the Act	No Action Required
Agenda Item No. 11	Expediting the inclusion of new molecules in the schedule of the Insecticides Act, 1968.	The Board perused the Agenda and communication of the DA&FW in this regard. The Board also perused the By-Laws already existing in terms of section 7 of the Insecticides Act, 1968 wherein it is provided that the Chairman of the Board has the power to call the CIB meeting at a shorter notice for the matters that may be of urgent nature and further the Chairman also has the power to relax any of the provisions of the By-Laws. The Board deliberated the	No Action Required

		<p>Agenda and observed that the inclusion of new molecules in the Schedule is a matter apparently of urgent nature which is finally to be notified by the Central Government. This exercise normally takes around 6 months' time therefore to introduce new innovations / technology in the country the Board is of the considered view that Secretary CIB&RC may look into the applications so received on the subject and circulate the compiled Agenda to all the respected Members through electronic mode / e-mail etc. and/ or take steps to convene the meeting of CIB in physical / virtual mode and also to take steps for appropriate approvals. The Board also observed that along with the applications for inclusion in the Schedule the agendas pertaining to the draft / Final Notification issued by the Governments may also be placed for appropriate decisions.</p>	
Agenda Item No. 12	List of molecules proposed to be included in the Schedule to the Insecticides Act 1968	<p>The Board deliberated the agenda in detail and decided as per Annexure -12. (Approved 06 new molecules for inclusion in the Schedule to the Insecticides Act, 1968. 04 molecules conditionally approved on submitting the source of the toxicity data submitted, not approved 03 molecules, deferred 18 molecules for the want of more information and referred 02 molecules to the Sub-committee formed on the same matter for examining their eligibility)</p>	<p>DA & FW has been communicated for notification of the approved molecules vide F. No. 4-2/2023-CIR-II [E-127952].</p>
Agenda Item No. 13	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>	No Action required.

Annexure 3.1

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

S. No	Name of Pesticides	Name of the registrant	Category	RC No.
1.	Emamectin benzoate 1.25% + Lambda cyhalothrin 1.5% + Bifenthrin 4.5% EC	M/s JU Agri Sciences Pvt. Ltd.	FIM	460
2.	Chlorantraniliprole 0.53% GR	M/s SML Ltd	FIM	460
3.	Tolfenpyrad 18.75% + Emamectin benzoate 0.94% SC	M/s Nichino India Pvt. Ltd	FIM	460
4.	Tebufenozide technical 97% w/w min.	M/s NACL Industries Ltd	TI	460
5.	Cyantraniliprole technical 95% w/w min	M/s Tagros Chemicals India Ltd	TIM vs TI	
6.	Fluensulfone technical 95% w/w min	M/s ADAMA India Pvt. Ltd	TI	460
7.	Chlorothalonil technical 98.5% w/w min.	M/s Krishi Rasyan Export Pvt. Ltd.	TI	460
8.	Lambda cyhalothrin 24% WDG	M/s SML Ltd	FIM	460
9.	Bifenazate 22.6% SC	M/s Arysta Life Science India Ltd	FIM vs FIT	460
10.	Cyantraniliprole 10.26% OD	M/s Natco Pharma Ltd.,	FIM	460
11.	Cyantraniliprole 48% w/w FS	M/s Syngenta India Ltd.	FIM	460
12.	Chlorantraniliprole technical 96.5% w/w min	M/s Deccan Fine Chemicals (India) Pvt. Ltd.	TIM vs TI.	460
13.	Cyantraniliprole technical 93% w/w min.	M/s Cheminova India Ltd.	TIM vs TI.	460
14.	Pymetrozine 11.3% + Triflumezopyrim 1.9% SC	of M/s Syngenta India Ltd	FIM	461
15.	Tetraniliprole 10.81% + Spirotetramat 21.62% SC	M/s Bayer CropScience Ltd	FIM	461
16.	Chlorantraniliprole 15.75% + Clothianidin 26.25% SC	M/s FMC India Ltd.	FIM	461
17.	Chlorantraniliprole 0.45% + Fipronil 0.5% + Emamectin benzoate 0.18% GR	M/s Seedling India Pvt. Ltd.	FIM	461
18.	Tebufenozide 22.64% w/w (24% w/v) SC	M/s NACL Industries Ltd.	FIM	461
19.	Cyclobutifluram 38.4% SC	M/s Syngenta India Ltd.,	FI.	461
20.	Cyclobutifluram technical 80% w/w min	M/s Syngenta India Ltd.,	TI.	461
21.	Spinetoram 0.1% RB	M/s Corteva Agriscience India Pvt. Ltd.	FIM	461
22.	Acephate 50% + Imidacloprid 5% WG	M/s UPL Ltd.	FIM	461
23.	Bifenthrin 32% + Chlorantraniliprole 12% WG	M/s UPL Ltd	FIM	461

24.	Nitepyram technical 98% w/w min.	M/s Coromandel International Ltd.	TI	461
25.	Nitepyram 25% SP	M/s Coromandel International Ltd	FIM	461
26.	Afidopyropen 50 g/l + Abamectin 25 g/l DC	M/s BASF India Ltd.,	FIM	461
27.	Fenmezoditiaz technical 95% w/w	M/s Deccan Fine Chemical (India) Pvt. Ltd.	TIM.	461
28.	Fenmezoditiaz 200 g/l SC	M/s BASF India Ltd	FIM	461
29.	Fenmezoditiaz 10% WG	M/s Solinos Agro Science Pvt. Ltd	FIM	461
30.	Flometoquin 10% SC	M/s P I Industries Ltd.	FIM	461
31.	Thiamethoxam 1.25% + Fipronil 1.25% + Chlorantraniliprole 0.6% GR	M/s Tropical Agro System Pvt. Ltd.	FIM	462
32.	Flonicamid technical 96% w/w min.	M/s Mahamaya Life Science Pvt. Ltd.	TI	462
33.	Sulfoxaflor 50% WG	M/s Dhanuka Agritech Ltd.	FI	462
34.	Chlorantraniliprole 50% FS	M/s BR Agrotech Ltd	FIM vs FI.	463
35.	Emamectin benzoate 5% + Lufenuron 40% WG	M/s Ichiban Crop Science Ltd.	FIM vs FI.	463
36.	Chlorantraniliprole 50% FS	M/s Meenakshi Agro Chemials,	FIM vs FI.	463
37.	Flonicamid 20% + Fipronil 8% SC	M/s Meghmani Organics Ltd	FIM	463
38.	Chlorantraniliprole 15% + Emamectin benzoate 7.5% SC	M/s ADAMA India Pvt. Ltd.	FIM	463
39.	Acetamiprid 19.5% + Chlorantraniliprole 19.5% FS	M/s UPL Ltd.,	FIM	463
40.	Chlorantraniliprole technical 95% w/w m in.	M/s Gharda Chemical Ltd.	TIM	463
41.	Difenoconazole 4.8% + Mancozeb 64% WP	M/s Indofil Industries Ltd	FIM	463

Annexure-3.2

List of approved Bio-pesticides u/s 9(3b)/9(3)of the Insecticides Act, 1968.

S. No.	Name of Product	Strain & Accession	Company Name	Category	RC Number
1.	<i>Bacillus subtilis</i> 1.5% LF	Strain BS-I, Accession No. MTCC 25072	M/s Krishi Vigyan Kendra Baramati)	9(3)-B/F	460
2.	<i>Bacillus subtilis</i> 1.5% LF	Strain BS-I, Accession No. MTCC 25072	M/s Samhita Soil Solution	9(3)-B/F	460
3.	<i>Bacillus subtilis</i> 1.5%	LF [Strain BS-I, Accession No. MTCC 25072	M/s Shri Ram solvent Extraction Pvt. Limited	9(3)-B/F	460
4.	<i>Bacillus thuringensis</i> var <i>israelensis</i> 5% AS	Strain VCRC-B-17, Accession No. MTCC 5596]	M/s Siddaganga oil and bioIndustries LLP,	9(3)-B/F	460
5.	<i>Bacillus thuringiensis</i> var <i>kurstaki</i> (serotype 3a3b3c)- 0.5% WP	Strain DOR-Bt-1, Accession No. NAIMCC-B-01118]	M/s Baraka Crop Science,	9(3)-B/F	460
6.	<i>Beauvaria bassiana</i> 1.15% WP	Strain BB-ICAR-RJP, Accession No. MCC 1022	M/s Asia Dawn Bio Care,	9(3)-B/F	460
7.	<i>Beauvaria bassiana</i> 1.15% WP	Strain BB-ICAR-RJP, Accession No. MCC 1022	M/s Director Research Services, Indira Gandhi Krishi Vishwa Vidyalaya (State bio control laboratory)	9(3)-B/F	460
8.	<i>Beauvaria bassiana</i> 1.15% WP	Strain BB-ICAR-RJP, Accession No. MCC 1022	M/s Multiplex Biotech Pvt. Ltd	9(3)-B/F	460
9.	<i>Beauvaria bassiana</i> 1.15% WP	Strain BB-ICAR-RJP, Accession No. MCC 1022]	M/s Prabhat Fertilizers and Chemcials Works,	9(3)-B/F	460

10.	<i>Beauvaria bassiana</i> 1.15%	Strain BB-ICAR-RJP, Accession No. MCC 1022	M/s P J Margo Pvt. Ltd.,	9(3)-B/F	460
11.	<i>Beauvaria bassiana</i> 1.5% LF	Strain T. Stanes Bb-1 Accession No. MTCC 5171	M/s Shri Ram solvent Extraction Pvt. Ltd	9(3)-B/F	460
12.	<i>Beauvaria bassiana</i> 1.15% WP	Strain BB-ICAR-RJP, Accession No. MCC 1022	M/s Surya Bio Products	9(3)-B/F	460
13.	<i>Pseudomonas fluorescens</i> 1.0% WP	Strain IIHR PF-2, Accession No. ITCC B0034	M/s Director Research Services	9(3)-B/F	460
14.	<i>Pseudomonas fluorescens</i> 1.0% WP	Strain IIHR PF-2, Accession No. ITCC B0034	M/s Gokulam Enterprises,	9(3)-B/F	460
15.	<i>Pseudomonas fluorescens</i> 2.0% AS	Strain IPL/PS-01, Accession No. MTCC-5727	M/s Mansya Enviro Biotech,	9(3)-B/F	460
16.	<i>Trichoderma harzianum</i> 2% AS	Strain IPL/VT/102, Accession No. ITCC 6893	M/s Sambita Soil Solutions,	9(3)-B/F	460
17.	<i>Trichoderma viride</i> 1.5% LF	Strain TV-1, Accession No. MTCC 5170	M/s Krishi Vigyan Kendra Baramati,	9(3)-B/F	460
18.	<i>Trichoderma viride</i> 1.5% LF	Strain TV-1, Accession No. MTCC 5170	M/s Samhita Soil Solutions,	9(3)-B/F	460
19.	<i>Trichoderma viride</i> 1.0% WP	Strain TNAU-TV-1, Accession No. ITCC No. 6914	M/s Mahatma Gandhi Mission Krishi Vigyan Kendra,	9(3)-B/F	460
20.	<i>Trichoderma viride</i> 1.5%	Strain IIHR TV-5, Accession No. ITCC 6889	M/s AGR Pioneer Seeds Pvt. Ltd.	9(3)-B/F	460
21.	<i>Trichoderma viride</i> 1.5% W	Strain IIHR TV-5, Accession No. ITCC 6889	M/s BActer Technologies	9(3)-B/F	460

22.	<i>Trichoderma viride</i> 1.5% WP	Strain IIHR TV-5, Accession No. ITCC 6889	M/s Director Research Services, Indira Gandhi Krishi Vishwa Vidyalaya (State bio control laboratory)	9(3)-B/F	460
23.	<i>Trichoderma viride</i> 1.5% WP	Strain IIHR TV-5, Accession No. ITCC 6889	M/s Global Farm Solution,	9(3)-B/F	460
24.	<i>Trichoderma viride</i> 1.5% WP	Strain IIHR TV-5, Accession No. ITCC 6889	M/s Indera Crop science Pvt. Ltd.	9(3)-B/F	460
25.	<i>Trichoderma viride</i> 1.5% WP	Strain IIHR TV-5, Accession No. ITCC 6889	M/s IRA Biotech,	9(3)-B/F	460
26.	<i>Trichoderma viride</i> 1.5% WP	Strain IIHR TV-5, Accession No. ITCC 6889	M/s Lotus Biotech,	9(3)-B/F	460
27.	<i>Trichoderma viride</i> 1.5% WP	Strain IIHR TV-5, Accession No. ITCC 6889	M/s Mukul Bio Control Industries	9(3)-B/F	460
28.	<i>Trichoderma viride</i> 1.5% WP	Strain IIHR TV-5, Accession No. ITCC 6889	M/s Prathibha Biotech Pvt. Ltd.,	9(3)-B/F	460
29.	<i>Verticillium chlamydosporium</i> 1% WP	Strain IIHR VC-3, Accession No. ITCC-6898	M/s Agriland Biotech Ltd.	9(3)-B/F	460
30.	<i>Verticillium chlamydosporium</i> 1% WP	Strain IIHR VC-3, Accession No. ITCC-6898	M/s BAnnari Amman sugars Ltd.	9(3)-B/F	460
31.	<i>Verticillium chlamydosporium</i> 1% WP	Strain IIHR VC-3, Accession No. ITCC-6898	M/s Criyagen Agri and Biotech Pvt. Ltd	9(3)-B/F	460
32.	<i>Verticillium chlamydosporium</i> 1% WP	Strain IIHR VC-3, Accession No. ITCC-6898	M/s Parle Bio Care LLP,	9(3)-B/F	460

33.	<i>Verticillium chlamydosporium</i> 1% WP	Strain IIHR VC-3, Accession No. ITCC-6898	M/s Pral Agri Solutions	9(3)-B/F	460
34.	<i>Verticillium lecanii</i> 1.15%	Strain AS-MEGH-VL, Accession No. MCC 1028	M/s Agriland Biotech Ltd	9(3)-B/F	460
35.	<i>Verticillium lecanii</i> 1.15%	Strain AS-MEGH-VL, Accession No. MCC 1028	M/s Asia Dawn Bio Care	9(3)-B/F	460
36.	<i>Verticillium lecanii</i> 1.15%	Strain AS-MEGH-VL, Accession No. MCC 1028	M/s Director Research Services.	9(3)-B/F	460
37.	<i>Verticillium lecanii</i> 1.15%	Strain AS-MEGH-VL, Accession No. MCC 1028	M/s Krishi Vigyan Kendra Baramati	9(3)-B/F	460
38.	<i>Verticillium lecanii</i> 1.15%	Strain AS-MEGH-VL, Accession No. MCC 1028	Strain AS-MEGH-VL, Accession No. MCC 1028	9(3)-B/F	460
39.	<i>Verticillium lecanii</i> 1.15%	Strain AS-MEGH-VL, Accession No. MCC 1028	M/s Prabhat Fertilizer and Chemical Works	9(3)-B/F	460
40.	<i>Verticillium lecanii</i> 1.5% LF	Strain VL-1, Accession No. MTCC 5172	Shri Ram solvent Extraction Pvt. Ltd	9(3)-B/F	460
41.	<i>Bacillus thuringiensis</i> var <i>kurstaki</i> (serotype 3a3b3c)-0.5% WP	Strain DOR-Bt-1, Accession No. NAIMCC-B-01118	M/s Shri Ram Solvent Extraction Pvt	9(3)-B/F	460
42.	<i>Trichoderma reesei</i> 3.0% WP	Strain No. CRT-3, Accession No. NAIMCC-SF-00300	M/s Khandelwal Biofertilizer	9(3)-B/F	460
43.	<i>Bacillus firmus</i> 1.5% AS (CFU count: 1 x 108 /ml min.)	Strain no. AMMFA-BFI, NCMR, Accession No. MCC 0584	M/s Agriculture Microorganism Manufacturers and Farmers Association,	9(3b)-B/F	461

44.	Ampelomyces quisqualis 1.5% AS	Strain -AMMFA-AQI, NBAIM, Accession No. NAIMCC-SF-0117	M/s Agriculture Microorganism Manufacturers and Farmers Association,	9(3b)-B/F	461
45.	<i>Trichoderma harzianum</i> 20% SC	Strain-ICAR-IIOR strain Th4d, Accession No. NAIMCC-F-02188	M/s Shri Ram Solvent Extraction Pvt. Ltd	9(3b)-B/F	461
46.	<i>Bacillus thuringiensis</i> var <i>kurstaki</i>	Strain DOR-Bt-1, Accession No. NAIMCC-B-01118	M/s B P Agrochemicals	9(3)-B/F	461
47.	<i>Bacillus thuringiensis</i> var <i>kurstaki</i>	Strain DOR-Bt-1, Accession No. NAIMCC-B-01118	M/s Coromandel International Ltd	9(3)-B/F	461
48.	<i>Bacillus subtilis</i> 1.5%	Strain KTSB-1015 & Accession No. MTCC 5786	M/s Indore Biotech Inputs and Research (P) Ltd.	9(3)-B/F	461
49.	<i>Beauvaria bassiana</i> 1.5% LF	Strain T. Stanes Bb-1 Accession No. MTCC 5171	M/s Interglobe Agrochemicals,	9(3)-B/I	461
50.	<i>Beauvaria bassiana</i> 1.15%	Strain BB-ICAR-RJP, Accession No. MCC 1022	M/s Bannari Amman Sugars Ltd.,	9(3)-B/F	461
51.	<i>Beauvaria bassiana</i> 1.15% WP	Strain BB-ICAR-RJP, Accession No. MCC 1022	M/s Dharti Biotech	9(3)-B/F	461
52.	<i>Beauvaria bassiana</i> 1.15% WP	Strain BB-ICAR-RJP, Accession No. MCC 1022	M/s Prathibha Biotech Pvt. Ltd.	9(3)-B/F	461
53.	<i>Beauvaria bassiana</i> 1.15% WP	Strain BB-ICAR-RJP, Accession No. MCC 1022	M/s Sri Bio Aesthetic Pvt. Ltd	9(3)-B/F	461
54.	<i>Metarhizium anisopliae</i> 1.0% WP	Strain IPL/KC/44Accession No. ITCC 6895	M/s Anu Products Ltd.,	9(3)-B/F	461

55.	<i>Metarhizium anisopliae</i> 1.0% WP	Strain IPL/KC/44, Accession No. ITCC 6895	M/s Microbial Mining Bio Tech Pvt.	9(3)-B/F	461
56.	<i>Pseudomonas fluorescens</i> 1.5% LF	Strain PF-1, Accession No. MTCC 5671	M/s Samhita Soil Solutions	9(3)-B/F	461
57.	<i>Pseudomonas fluorescens</i> 1.5%LF	Strain PF-1, Accession No. MTCC 5671	M/s Sri Ram Solvent Extraction Pvt. Ltd	9(3)-B/F	461
58.	<i>Pseudomonas fluorescens</i> 0.5% WP	Strain IIHR-PF-1, Accession No. ITCC - BE0005	M/s Krishi Bio- Products and Research Pvt. Ltd	9(3)-B/F	461
59.	<i>Pseudomonas fluorescens</i> 1.0% WP	Strain IIHR PF-2, Accession No. ITCC B0034	M/s Agri Biotech	9(3)-B/F	461
60.	<i>Pseudomonas fluorescens</i> 1.0% WP	Strain IIHR PF-2, Accession No. ITCC B0034	M/s Sujay Biotech Pvt. Ltd	9(3)-B/F	461
61.	<i>Pseudomonas fluorescens</i> 1.0% WP	Strain IIHR PF-2, Accession No. ITCC B0034	M/s Anshul Agro Chemicals,	9(3)-B/F	461
62.	<i>Pseudomonas fluorescens</i> 1.0% WP	Strain IIHR PF-2, Accession No. ITCC B0034	M/s Ashirwad Biosciences	9(3)-B/F	461
63.	<i>Pseudomonas fluorescens</i> 1.0% WP	Strain IIHR PF-2, Accession No. ITCC B0034	M/s IIL Biologicals Ltd.	9(3)-B/F	461
64.	<i>Pseudomonas fluorescens</i> 1.0% WP	Strain IIHR PF-2, Accession No. ITCC B0034	M/s Microbial Mining Bio Tech Pvt. Ltd.,	9(3)-B/F	461
65.	<i>Trichoderma viride</i> 1.5% LF	Strain TV-1, Accession No. MTCC 5170	M/s Indore Biotech Inputs and Research (P) Ltd	9(3)-B/F	461
66.	<i>Trichoderma viride</i> 1.5% LF	Strain TV-1, Accession No. MTCC 5170	M/s Pragathi Bio Tech solutions Pvt. Ltd.,	9(3)-B/F	461

67.	<i>Trichoderma viride</i> 1.0% WP	Strain TNAU-TV-1, Accession No. ITCC No. 6914	M/s Krishi Bio- Products and Research Pvt. Ltd	9(3)-B/F	461
68.	<i>Trichoderma viride</i> 1.5% WP	Strain IIHR TV-5, Accession No. ITCC 6889	M/s Sujay Biotech Pvt. Ltd	9(3)-B/F	461
69.	<i>Trichoderma viride</i> 1.5% WP	Strain IIHR TV-5, Accession No. ITCC 6889	M/s Lila Agrotech Pvt. Ltd.	9(3)-B/F	461
70.	<i>Trichoderma viride</i> 1.5% WP	Strain IIHR TV-5, Accession No. ITCC 6889	M/s Agri Biotech,	9(3)-B/F	461
71.	<i>Trichoderma viride</i> 1.5% WP	Strain IIHR TV-5, Accession No. ITCC 6889	M/s Agroxia Biogenetic LLP	9(3)-B/F	461
72.	<i>Trichoderma viride</i> 1.5% WP	Strain IIHR TV-5, Accession No. ITCC 6889	M/s Ashirwad Bio Sciences,	9(3)-B/F	461
73.	<i>Trichoderma viride</i> 1.5% WP	Strain IIHR TV-5, Accession No. ITCC 6889	M/s Dharti Biotech,	9(3)-B/F	461
74.	<i>Trichoderma viride</i> 1.5% WP	Strain IIHR TV-5, Accession No. ITCC 6889	M/s Shiba International,	9(3)-B/F	461
75.	<i>Trichoderma viride</i> 1.5% WP	Strain IIHR TV-5, Accession No. ITCC 6889	M/s Wisdom Life Sciences	9(3)-B/F	461
76.	<i>Verticillium lecanii</i> 1.15% WP	Strain AS-MEGH-VL, Accession No. MCC 1028].	M/s Organica Biotech Pvt. Ltd.	9(3)-B/F	461
77.	<i>Verticillium lecanii</i> 1.15% WP	Strain AS-MEGH-VL, Accession No. MCC 1028	M/s Bannari Amman Sugars Ltd.	9(3)-B/F	461
78.	<i>Verticillium lecanii</i> 1.15% WP	Strain AS-MEGH-VL, Accession No. MCC 1028	M/s Prathibha Biotech Pvt	9(3)-B/F	461
79.	<i>Verticillium lecanii</i> 1.15% WP	Strain AS-MEGH-VL, Accession No. MCC 1028	M/s Sri Bio Aesthetic Pvt. Ltd	9(3)-B/F	461
80.	<i>Verticillium lecanii</i> 1.15% WP	Strain AS-MEGH-VL, Accession No. MCC 1028	M/s Surya Bio Products	9(3)-B/F	461

81.	<i>Verticillium lecanii</i> 1.15% WP	Strain AS-MEGH-VL, Accession No. MCC 1028	M/s Varsha Bioscience and Technology India Pvt. Ltd.,	9(3)-B/F	461
82.	<i>Beauveria bassiana</i> 1.15% WP	Strain BB-ICAR-RJP, Accession No. MCC 1022	M/s Baroda Agro Chemicals Ltd.	9(3)-B/F	461
83.	<i>Metarhizium anisopliae</i> 1.0% WP	Strain IPL/KC/44, Accession No. ITCC 6895	M/s Baraka Crop Scienc	9(3)-B/F	461
84.	<i>Pseudomonas fluorescens</i> -1%WP	Strain IIHR TV-5, Accession No. ITCC 6889	M/s Assam Agricultural University,	9(3)-B/F	461/462
85.	<i>Verticillium lecanii</i> 1.5% LF	Strain VI -1 Accession No. MTCC 5172	M/s Varsha Bioscience and Technology India Pvt. Ltd.,	9(3)-B/F	461
86.	<i>Verticillium lecanii</i> 1.5% LF	Strain VI -1 Accession No. MTCC 5172	M/s Krishi Vigyan Kendra Baramati,	9(3)-B/F	461
87.	<i>Verticillium lecanii</i> 1.15% WP	Strain AS-MEGH-VL, Accession No. MCC 1028	M/s Khedut Beej Nigam	9(3)-B/F	461
88.	<i>Trichoderma harzianum</i> 1.0% WP	Strain IIHR Th-2, Accession No. ITCC No. 6888	M/s Pac Bio Fungbact Pvt. Ltd.	9(3)-B/F	461
89.	<i>Bacillus thuringiensis</i> var <i>kurstaki</i> 0.5% WP	Strain DOR-Bt-1, Accession No. NAIMCC- B-01118	M/s Organic Earth Energy Pvt. Ltd	9(3)-B/F	462
90.	<i>Beauveria bassiana</i> 1.5% LF	Strain T. Stanes Bb-1 Accession No. MTCC 5171	M/s Agriland Biotech Ltd	9(3)-B/F	462
91.	<i>Beauveria bassiana</i> 1.15% WP	Strain BB-ICAR-RJP, Accession No. MCC -1022	M/s Ecophytocare India Pvt. Ltd.,	9(3)-B/F	462
92.	<i>Beauveria bassiana</i> 1.15% WP	Strain BB-ICAR-RJP, Accession No. MCC -1022	M/s IIL Biological Ltd.,	9(3)-B/F	462

93.	<i>Beauvaria bassiana</i> 1.15% WP	Strain BB-ICAR-RJP, Accession No. MCC -1022	M/s Lila Agrotech Pvt. Ltd.,	9(3)-B/F	462
94.	<i>Beauvaria bassiana</i> 1.15% WP	Strain BB-ICAR-RJP, Accession No. MCC -1022	M/s Mahamaya Lifesciences Pvt. Ltd.,	9(3)-B/F	462
95.	<i>Trichoderma viride</i> 1.0% WP	Strain TNAU-TV-1, Accession No. ITCC No. 6914	M/s Allwin Industries	9(3)-B/F	462
96.	<i>Trichoderma viride</i> 1.5% LF	Strain TV-1, accession No. MTCC 5170	Agriya Agro Tech	9(3)-B/F	462
97.	<i>Trichoderma viride</i> 1.5% WP	Strain IIHR TV-5, Accession No. ITCC 6889	M/s ATGC Biotech Pvt. Ltd.,	9(3)-B/F	462
98.	<i>Trichoderma viride</i> 1.5% WP	Strain IIHR TV-5, Accession No. ITCC 6889	Excel Biotech Pvt. Ltd.,	9(3)-B/F	462
99.	<i>Trichoderma harzianum</i> 1.0% WP	Strain IIHR Th-2, Accession No. ITCC No. 6888	M/s Ecophytocare India Pvt. Ltd	9(3)-B/F	462
100.	<i>Trichoderma harzianum</i> 1.0% WP	Strain IIHR Th-2, Accession No. ITCC No. 6888	M/s Hygenus Bioceutical Pvt. Ltd	9(3)-B/F	462
101.	<i>Trichoderma harzianum</i> 1.0% WP	Strain IIHR Th-2, Accession No. ITCC No. 6888	M/s Sri Bio Aesthetics Pvt. Ltd	9(3)-B/F	462
102.	<i>Verticillium chlamydosporium</i> WP	Strain IIHR VC-3, Accession No. ITCC 6898	M/s Sujay Biotech Pvt. Ltd	9(3)-B/F	462
103.	<i>Verticillium chlamydosporium</i> WP	Strain IIHR VC-3, Accession No. ITCC 6898	M/s Navaratan Bio-science Pvt. Ltd	9(3)-B/F	462

104.	<i>Verticillium lecanii</i> 1.15% WP	Strain AS-MEGH-VL, Accession No. MCC 1028	M/s Curative Microbes Pvt. Ltd	9(3)-B/F	462
105.	<i>Bacillus subtilis</i> 1.5% AS	Strain KTSB-1015 & Accession No. MTCC 5786	M/s Sai Crop Science Pvt. Ltd.,	9(3)-B/F	462
106.	<i>Bacillus subtilis</i> 1.5% AS	Strain KTSB-1015 & Accession No. MTCC 5786	M/s Som Phytopharma (India) Pvt. Ltd.,	9(3)-B/F	462
107.	<i>Beauveria bassiana</i> 1.5% LF	Strain T. Stanes Bb-1 Accession No. MTCC 5171	M/s Ami Agro Agency	9(3)-B/F	462
108.	<i>Beauveria bassiana</i> 1.15% WP	Strain BB-ICAR-RJP, Accession No. MCC 1022	M/s Varsha Bioscience and Technology India Pvt. Ltd.,	9(3)-B/F	462
109.	<i>Beauveria bassiana</i> 1.15% WP	Strain BB-ICAR-RJP, Accession No. MCC 1022	M/s S K Biobiz Pvt. Ltd	9(3)-B/F	462
110.	<i>Pseudomonas fluorescens</i> 1.0% WP	Strain IIHR PF-2, Accession No. ITCC B0034	M/s Wisdom Life Science	9(3)-B/F	462
111.	<i>Trichoderma harzianum</i> 1.0% WP	Strain IIHR Th-2, Accession No. ITCC No. 6888	M/s Coromandel International Ltd.,	9(3)-B/F	462
112.	<i>Trichoderma harzianum</i> 2% AS	Strain IPL/VT/102, Accession No. ITCC 6893	M/s Peptech Biosciences Ltd.,	9(3)-B/F	462
113.	<i>Trichoderma viride</i> 1.0% WP	Strain TNAU-TV-1, Accession No. ITCC No. 6914	M/s Dhana Crop Science Ltd	9(3)-B/F	462
114.	<i>Trichoderma viride</i> 1.0% WP	Strain TNAU-TV-1, Accession No. ITCC No. 6914	M/s S. K. Biobiz Pvt. Ltd	9(3)-B/F	462

115.	<i>Trichoderma viride</i> 1.5% WP	Strain IIHR TV-5, Accession No. ITCC 6889	M/s Ecophytocare India Pvt. Ltd	9(3)-B/F	462
116.	<i>Trichoderma viride</i> 1.5% WP	Strain IIHR TV-5, Accession No. ITCC 6889	M/s Triveni Agro Industries,	9(3)-B/F	462
117.	<i>Veticillium lecanii</i> 1.5% LF	Strain VL-1, Accession No. MTCC 5172	M/s Hygenus Bioceutical Pvt. Ltd	9(3)-B/F	462
118.	<i>Veticillium lecanii</i> 1.5% LF	Strain VL-1, Accession No. MTCC 5172	M/s Dhana Crop Science Ltd	9(3)-B/F	462
119.	<i>Beauvaria bassiana</i> 1.15% WP	Strain BB-ICAR-RJP, Accession No. MCC 1022	M/s Hygenus Bioceutical Pvt. Ltd	9(3)-B/F	463
120.	<i>Beauvaria bassiana</i> 1.15% WP	Strain BB-ICAR-RJP, Accession No. MCC 1022	M/s Amoolya Organics Pvt. Ltd	9(3)-B/F	463
121.	<i>Beauvaria bassiana</i> 1.15% WP	Strain BB-ICAR-RJP, Accession No. MCC 1022	M/s Sowbhagya Biotech Pvt. Ltd.,	9(3)-B/F	463
122.	<i>Metarhizium anisopliae</i> 1.0% WP	Strain IPL/KC/44, Accession No. ITCC 6895	M/s R. B. Herbal Agro.	9(3)-B/F	463
123.	<i>Metarhizium anisopliae</i> 1.0% WP	Strain IPL/KC/44, Accession No. ITCC 6895	M/s Sri Bio Aesthetics Pvt. Ltd	9(3)-B/F	463
124.	<i>Metarhizium</i> <i>anisopliae</i> 1.5% LF	Strain T Stanes Ma-1, Accession No. MTCC 5173	M/s Shiv Paramount Organics and Fertilizers Pvt. Ltd	9(3)-B/F	463
125.	<i>Metarhizium anisopliae</i> 1.0% WP	Strain IPL/KC/44, Accession No. ITCC 6895	M/s Sowbhagya Biotech Pvt. Ltd..	9(3)-B/F	463
126.	<i>Metarhizium anisopliae</i> 1.0% WP	Strain IPL/KC/44, Accession No. ITCC 6895	M/s Peptech Biosceinces Pvt. Ltd	9(3)-B/I	463
127.	<i>Metarhizium anisopliae</i> 1.0% WP	Strain IPL/KC/44, Accession No. ITCC 6895	M/s Symbiotics Biologicals	9(3)-B/F	463
128.	<i>Metarhizium anisopliae</i> 1.0% WP	Strain IPL/KC/44, Accession No. ITCC 6895	M/s S. K. Biobiz Pvt. Ltd	9(3)-B/F	463
129.	<i>Metarhizium anisopliae</i> 1.0% WP	Strain IPL/KC/44, Accession No. ITCC 6895	M/s Som Phytopharma (India) Ltd.,	9(3)-B/F	463

130.	<i>Pseudomonas fluorescens</i> 1.0% WP	Strain IIHR PF-2, Accession No. ITCC B0034	M/s Som Phytopharma (India) Ltd	9(3)-B/F	463
131.	<i>Trichoderma harzianum</i> 1.0% WP	Strain IIHR Th-2, Accession No. ITCC No. 6888	M/s Unicrop Bio Science	9(3)-B/F	463
132.	<i>Trichoderma harzianum</i> 2.0% AS	Strain IPL/VT/102, Accession No. ITCC 6893	M/s Varsha Bioscience and Technology India Pvt. Ltd	9(3)-B/F	463
133.	<i>Trichoderma viride</i> 1.5% LF	Strain TV-1, Accession No. MTCC 5170	M/s Dhana Crop Sciences Ltd	9(3)-B/F	463
134.	<i>Verticillium chlamydosporium</i> 1%WP	Strain IIHR VC-3, Accession No. ITCC 6898	M/s Hygenus Bioceutical Pvt. Ltd	9(3)-B/F	463
135.	<i>Verticillium chlamydosporium</i> 1%WP	Strain IIHR VC-3, Accession No. ITCC 6898	M/s Som Phytopharma (India) Ltd.,	9(3)-B/F	463
136.	<i>Verticillium chlamydosporium</i> 1%WP	Strain IIHR VC-3, Accession No. ITCC 6898	M/s Unicrop Bio Science,	9(3)-B/F	463
137.	<i>Veticillium lecanii</i> 1.5% LF	Strain VI-1, Accession No. MTCC 5172	M/s Agriland Biotech Ltd	9(3)-B/F	463
138.	<i>Veticillium lecanii</i> 1.5% LF,	Strain VI-1, Accession No. MTCC 5172	M/s Anand Agro Care	9(3)-B/F	463
139.	<i>Veticillium lecanii</i> 1.5% LF	Strain VI-1, Accession No. MTCC 5172	M/s Shiv Paramount Organics and Fertilizers Pvt. Ltd	9(3)-B/F	463
140.	<i>Verticillium lecanii</i> 1.15% WP	Strain AS-MEGH-VL, Accession No. MCC 1028	M/s S. K. Biobiz Pvt. Ltd	9(3)-B/F	463
141.	<i>Verticillium lecanii</i> 1.15% WP	Strain AS-MEGH-VL, Accession No. MCC 1028	M/s Tagore society For Rural Development	9(3)-B/F	463
142.	<i>Bacillus subtilis</i> 1.5% AS	Strain KTSB-1015 & Accession No. MTCC 5786	M/s MBG Microbial Science LLP	9(3)-B/F	463
143.	<i>Beauveria bassiana</i> 1.5% LF	Strain T. Stanes Bb-1 Accession No. MTCC 5171	M/s Shiv Paramount Organics and Fertilizers Pvt. Ltd.,	9(3)-B/F	463

144.	<i>Verticillium lecanii</i> 1.15% WP	Strain AS-MEGH-VL, Accession No. MCC 1028	M/s MBG Microbial Science LLP	9(3)-B/F	463
145.	<i>Metarhizium anisopliae</i> 1.0% WP	Strain IPL/KC/44, Accession No. ITCC 6895	M/s MBG Microbial Science LLP,	9(3)-B/F	463
146.	<i>Pseudomonas fluorescens</i> 1.0% WP	Strain IIHR PF-2, Accession No. ITCC B0034	M/s Agriya Agro Tech	9(3)-B/F	463
147.	<i>Verticillium chlamydosporium</i> 1%WP	Strain IIHR VC-3, Accession No. ITCC 6898	M/s MBG Microbial Science LLP	9(3)-B/F	463
148.	<i>Trichoderma viride</i> 1.5% WP	Strain IIHR TV-5. Accession No. ITCC 6889	M/s MBG Microbial Science LLP	9(3)-B/F	463
149.	<i>Beauveria bassiana</i> 1.5% LF	Strain T. Stanes Bb-1 Accession No. MTCC 5171	M/s Dhana Crop Science Ltd	9(3)-B/F	463

Annexure-4

Additional and new/alternate packing approved by Registration Committee (from 460th to 463rd RC meeting.

S. No	Product Name	Company Name	Endorsement	RC
1.	Captain technical (90% min.)	M/s ADAMA India Pvt. Ltd,	Endorsement of additional packing in jumbo bags {made up of the Conductive Uncoated Fabric (made from woven polypropylene fabric)} of capacity 500 kg max.	460
2.	Permethrin Technical 92% w/w Min.	M/s. Bharat Rasayan Ltd.	Endorsement of additional bulk packing in Non-removable head type, M.S. Epoxy coated drum with thickness not less than 1.25 mm having capacity 210 liter conforming to IS:1783(I)-1993. Thy shall also comply with the UN no. 2902, Hazardous class 6.1 and packaging group II.	460
3.	Atrazine 50 % WP	M/s UPL Limited	Endorsement of additional packing in tri-laminated pouch [PET (12 μ) / AL FOIL (9 μ) / LDPE (75 μ)] of capacity 100g, 250g, 500g & 1 Kg as a primary packing. LDPE shall be as per IS: 2508:1984 AL FOIL shall be as per IS 8970: 1991(R1996) & PET shall be as per IS: 13123:2000. Primary packing shall be further packed in 5-ply CFB box upto 10 kg capacity as a transport packing conforming to IS:2771(I)-1990.	460
4.	Mancozeb 75 % WG	M/s UPL Limited	Endorsement for removal of secondary packing (3-ply E-fluted cartons) from existing approved manner of packing.	460
5.	Diuron Technical 98% w/w Min.	M/s. Bharat Rasayan Ltd.	Endorsement of additional packing in HDPE woven bag (min thickness 120 micron) of capacity 30 kg with inner liner of same capacity as primary/transport packing.	460
6.	Paclbutrazol Technical 95% w/w Min.	M/s. Bharat Rasayan Ltd.	Endorsement of additional packing in HDPE woven bag (min thickness 120 micron) of capacity 30 kg with inner liner of same capacity as primary/transport packing.	460
7.	Pymetrozine Technical 98% w/w Min.	M/s. Bharat Rasayan Ltd.	Endorsement of additional packing in HDPE woven bag (min thickness 120 micron) of capacity 30 kg with inner liner of same capacity as primary/transport packing.	460

8.	Topramezone Technical 95.8% w/w Min.	M/s. Bharat Rasayan Ltd.	Endorsement of additional packing in HDPE woven bag (min thickness 120 micron) of capacity 30 kg with inner liner of same capacity as primary/transport packing.	460
9.	Tolfenpyrad Technical 98.5% w/w Min.	M/s. Bharat Rasayan Ltd.	Endorsement of additional packing in HDPE woven bag (min thickness 120 micron) of capacity 30 kg with inner liner of same capacity as primary/transport packing.	460
10.	Metsulfuron Methyl Technical 93% w/w Min.	M/s. Bharat Rasayan Ltd.	Endorsement of additional packing in HDPE woven bag (min thickness 120 micron) of capacity 30 kg with inner liner of same capacity as primary/transport packing.	460
11.	Novaluron 8.8% w/w SC	M/s ADAMA India Pvt. Ltd.	Endorsement of additional packing in plastic (HMHDPE) drum of thickness not less than 2.6 mm having capacity 200 liters as a primary and transport packing.	460
12.	Fluxapyroxad 167 g/l + Pyraclostrobin 333 g/l SC	M/s BASF INDIA LIMITED	Endorsement of additional packaging in HDPE container of capacity 600 ml and 1000 ml conforming to IS:9754-1981 which shall be further packed in 5-ply CFB box as a transport packing conforming to IS:2771(I)-1990.	460
13.	Cyenopyrafen 30% w/w SC	M/s Insecticides India Limited	Endorsement of additional transport packing in 5-ply CFB box of capacity 2 liter and 4 liter for existing primary packs (PET bottle) of capacity 50 ml, 100 ml and 250 ml. The product shall be packed in PET bottle of capacity 50 ml, 100 ml and 250 ml as a primary packing conforming IS:13123-2000. Primary packs shall be further packed in duplex mono carton of 350 GSM as a secondary packing conforming to IS:16985-2018. The duplex mono cartoon will be further inserted into unmasked clear PET sleeves. Secondary packing of 50 ml and 100 ml pack size will further inserted into 3-ply CFB boxes as tertiary packaging as per IS:2771(I)-1990. There will be no tertiary packaging for 250 ml bottles. The tertiary packing having 50 ml, 100 ml secondary packaging and secondary packing having 250 ml PET bottle will be further inserted into 5 ply CFB boxes of maximum capacity of 2 Litre, 4 Litre, and 4 Litre packs respectively as transport packaging as per IS :2771 (Part-I) -1990.	460
14.	Ethalfluralin 35.65% w/w EC	M/s Saraswati Agro Chemicals (India) Private Limited	Endorsement of additional packing in PET bottles of capacity 400 ml, 800 ml and 04 liter as a primary packing in lieu of already approved packing of PET bottle having capacity 500 ml, 1000 ml and 05 liter . The primary packing of capacity 400 ml, 800 ml and 04 liter shall be	460

			Further packed in 5-ply CFB box of capacity 8.0 liter as a transport packing conforming to IS:2771(I)-1990.	
15.	Chlorantraniliprole Technical 96% w/w Min.	M/s GSP Crop Science Pvt. Ltd.	Endorsement of additional packaging in LDPE liner having thickness not less than $100\pm10\%$ micron of capacity 25 kg and 50 kg as a primary packing conforming to IS:2508-2016.(reaff. 2022) which shall be further packed in Fiber board drum of capacity 25 kg and 50 kg as a transport packing conforming to IS:7601-1983 (Reaff. 2018).	460
16.	Deltamethrin 1.25% w/w ULV	M/s 2022 ES Discovery India Private Limited	Endorsement of additional packing in PET bottle of capacity 1 liter with thickness not less than 0.25 mm as a primary packing conforming to IS:13123-2000 as a primary packing which shall be further packed in 5-ply CFB boxes of capacity 12 lit. as a transport packing conforming to IS:2771-1990.	460
17.	Resmethrin 1.5% Liquid Vapouriser	M/s Godrej Consumers Products Ltd.	<p>Endorsement of additional packaging as per the details given below:-</p> <p>Option 1: Pack of 2 refills (45 ml) + 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 2: Pack of 3 refills (45 ml) + Machine as primary pack shall be 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 3: Pack of 1 refill (60 ml) + Machine as primary pack shall be packed in secondary carton. 48 such units of secondary pack cartons will be packed in corrugated box of specification IS 2771 (Part 1) – 1990.</p>	460
18.	Pydiflumetofen 6.89 % w/w + Difenoconazole 11.49 % w/w SC	M/s Syngenta India Private Limited	Endorsement of additional packaging in HDPE container having thickness not less than 1.0 mm of capacity 15 ml, 50 ml, 100 ml, 160 ml, and 500 ml as a primary packing conforming to IS:9754-1981 which shall be further packed in 5-ply CFB box as transport packaging conforming to IS :2771 (Part-I) -1990.	460

19.	Picoxytrobin Technical 93% min	M/s Corteva Agriscience India Pvt. Ltd.	Endorsement of additional packaging in FIBC (Flexible Intermediate Bulk Container) with inner Polyethylene Liner of capacity 500 Kg (net content 400 kg) as a primary packing which shall be further packed in outer carton box of capacity 500 kg (net content 400 kg) as a transport packing.	460
20.	Ethalfluralin Technical 96.00% w/w Min. for import	M/s Saraswati Agro Chemicals (India) Private Limited	Endorsement of additional packaging in 250 kg metal steel drum with min. thickness 1.25 mm as a primary and transport packing conforming to IS:1783(Part-I)-2014.	460
21.	Emamectin Benzoate Technical 95% min.	M/s Crystal Crop Protection Ltd	Endorsement of additional packaging in LDPE sacks of capacity 25 kg confirming to Chinese standard GB/T-4456-2008 as a primary packing which shall further inserted into Fiber board drum of capacity 25 kg as a transport packing as per Chinese standard GB/T 14187-2008. Further, this shall be as per IMDG UN code 2811, packaging group-III and class-9 and environmental hazardous substances.	460
22.	Thifluzamide 24 % SC	M/s Saraswati Agro Chemicals (India) Private Limited	Endorsement of additional packing in HM-HDPE drum of capacity 210 liter for Thifluzamide 24% SC.	461
23.	Thiodicarb 75% WP	M/s KRISHI RASAYAN EXPORTS PVT. LTD.	Endorsement of alternate packing in water soluble pouches of capacity 25 gm, 10 nos. of pouches shall be further packed in Tri-laminated pouches (12 μ PET+9 μ Al foil +100 μ LDPE) of capacity 250 gm as a primary packing. Tri-laminated pouches shall be further packed in mono carton as a secondary packing. 16 nos. of mono carton shall be further packed in 5-ply CFB box of capacity 4.0 kg as a transport packing.	461
24.	Broflanilide 20% SC	M/s P I Industries Ltd	Endorsement of alternate packing in tri-laminated pouches [PET (12 μ) / Al (9 μ) / LDPE (100 μ)] of capacity 5 ml and 10 ml conforming to IS:13193-2000 (Reaff. 2018), IS:2508-2016 (Reaff. 2022)/IS:6604-1991 (Reaff. 2017) as a primary packing which shall be further inserted into carton box conforming to IS:16985-2018 as a secondary packing. The secondary packing shall be further packed in 3-ply CFB box as a transport packing conforming to IS:2771(I)-1990.	461

25.	Thiophanate Methyl Technical 94% Min.	M/s Bharat Rasayan Ltd	Endorsement of additional packing in HDPE woven bag (min thickness 120 micron) of capacity 25 kg and 30 kg with inner liner of same capacity as primary/transport packing.	461
26.	Fenvalerate Technical 90% w/w Min.	M/s Bharat Rasayan Ltd	Endorsement of additional bulk packing in Non-removable head type, M.S. Epoxy coated drum with thickness not less than 1.25 mm having capacity 210 liter. The shall also comply with the UN no. 3352, Hazardous class 6.1 and packaging group III.	461
27.	Chlorimuron Ethyl Technical 95% w/w Min.	M/s Bharat Rasayan Ltd	Endorsement of additional packing in HDPE woven bag (min thickness 120 micron) of capacity 30 kg with inner liner of same capacity as primary/transport packing.	461
28.	Fenazaquin Technical 97.50% w/w for import only	M/s Saraswati Agro Chemicals (India) Private Limited	Endorsement of additional packing in double plastic bag (HDPE inner liner and LDPE outer liner) of capacity 25 kg with thickness not less than 600 gauge as a primary packing which shall be further packed in 5-ply CFB box of max. capacity 25 kg as a transport packing conforming to IS: 2771(I)-1990.	461
29.	Metamifop 10% EC	M/s Parijat Industries (India) Pvt. Ltd.	Endorsement of additional packing in HDPE co-extruded bottle of capacity 350 ml, 700 ml and 1400 ml as a primary packing conforming to IS:9754-1981 and IS: 12512:1989 (Reaffirmed 2020) which shall be further packed in 5-ply CFB box of maximum capacity 10 liters as a transport packing conforming to IS:2771 (Pt-I) 1990.	461
30.	Oxadiargyl 80% W.P.	M/s Parijat Industries (India) Pvt. Ltd.	Endorsement of additional packing of 35 gm tri-laminated multilayer pouches made from polyester 12/M Aluminium foil 9 M / LDPE as a primary packing conforming to IS: 6604-1991 which shall be inserted into primary carton (3 ply corrugated fibreboard) as a secondary packing. The secondary packing shall be further packed in 5-ply CFB box of max. capacity 7.5 kg as a transport packing conforming to IS:2771(I)-1990.	461
31.	Azoxystrobin 4.8% w/w + Chlorothalonil 40.0% w/w SC	M/s Dharmaj Crop Guard Limited	Endorsement of additional packing in HDPE bottle (min. thickness 1.0 mm) of capacity 1 liter, HDPE cans of capacity 02 liter and 05 liter as a primary packing conforming to IS:9754-1981 and IS:12512-1989 which shall be further packed in 5-ply CFB box upto 10 liter	461

			capacity as a transport packing conforming to IS:2771(I)-1990.	
32.	Chlorantraniliprole 18.5% w/w SC	M/s Dharmaj Crop Guard Limited	Endorsement of additional packing in HDPE bottle (min. thickness 1.0 mm) of capacity 1 liter and 2 liter as a primary packing conforming to IS:9754-1981 and IS:12512-1989 which shall be further packed in 5-ply CFB box upto 10 liter capacity as a transport packing conforming to IS:2771(I)-1990.	461
33.	Thiophanate-methyl 70% WP	M/s Rallis India Limited	Endorsement of additional packing in HDPE woven sack bag with LDPE liner (thickness $75 \mu\text{m} \pm 10 \mu\text{m}$) of capacity 25 kg as a primary and transport packing. The LDPE liner shall be act as primary packing. The LDPE liner and HDPE woven bag shall conforms to the IS:2508-1984 and IS: 8069 (1989) respectively.	461
34.	Imidacloprid 0.03 % w/w Gel (Household Insecticide)	M/s Gaiagen Technologies Private Limited	<p>Endorsement for additional secondary and transport packing for Imidacloprid 0.03 % w/w Gel (Household Insecticide).</p> <p>Manner of Packing: Primary Packaging: The product shall be imported be packed polypropylene (PP) syringe of capacity 30gm fitted with piston cap as a primary packing conforming to IS: 10951-2020</p> <p>Secondary Packaging: Each single syringe shall be packed in monocartons made up of minimum 280GSM duplex board (1x30g). Four numbers of monocartons shall be packed in multicarton made up of minimum 380 GSM duplex boards (4x30g=120g). The secondary packing shall conforms to IS:16985-2018.</p> <p>Transport Packaging: 5 numbers of secondary packing in multicarton made of 280 GSM duplex boards shall be packed in 5-ply CFB boxes ($5 \times 4 \times 30\text{g} = 600 \text{ gm}$) conforming to IS: 2771 (part -I) 1990 as a transport packing.</p>	461
35.	Bispyribac Sodium Technical 98.00% Min	M/s MAHAMAYA LIFESCIENCES PVT. LTD.	Endorsement of additional packing in Kraft paper bag (200 GSM) of capacity 25 kg as a transport packing with LDPE liner having thickness not less than 0.075 mm of	461

			same capacity as a primary packing conforming to IS:2508:1984.	
36.	Fipronil 0.05% Gel (Household Insecticide)	M/s Gaiagen Technologies Private Limited	<p>Endorsement for additional packing in polypropylene (PP) syringe of capacity 20 gm as a primary packing conforming to IS:10951-2020 which shall be inserted into paper board mono carton as a secondary packing conforming to IS: 16985-2018. The secondary packs shall be further packed in 5-ply CFB box as a transport packing conforming to IS: 2771(I)1990.</p> <p>Manner of packing:-</p> <p>Primary packing: The product shall be packed in 20 gm capacity of Polypropylene (PP) material syringe closed from the application end with the help of threaded cap and the filling end is closed by the pusher made of PP material. The primary packing conforms to IS:10951-2020</p> <p>Secondary packing: The syringe is then placed in a mono carton made of paper board of not less than 275 GSM as a secondary packing conforming to IS: 16985-2018.</p> <p>Transport packing: 30 numbers of such cartons are placed in 5-ply CFB box conforming to IS:2771(I)-1990.</p>	461
37.	Halosulfuron methyl 6% + Metribuzin 50% WG	M/s Dhanuka Agritech Limited	Endorsement of additional packaging in Trilaminated pouch (12 μ PET/12 Metalized PET/ 70 μ LDPE) of capacity 225 gm as a primary packing. The primary packing shall be further packed in a duplex board carton of 300GSM as a secondary packing which shall be inserted into inner box (CFB). Inner box shall be further packed in 5-ply CFB box as a transport packing.	461
38.	Flocoumafen 0.005% BB	M/s BASF INDIA LIMITED	Endorsement of additional packaging in PP woven fabric coated Flexible Intermediate Bulk bag (FIBC) of capacity 1000 Kg containing 500 kg as a transport packing conforming to IS:14738:2017 which shall be further packed in Octagonal IBC corrugated board box of 850 L capacity containing 500 kg as transport packaging conforming to IS :2771 (Part-I) -1990.	461
39.	Glufosinate ammonium WG	50% M/s UPL Limited	Endorsement of additional packaging in 40g, 100g, 200g, 400g, 800g, & 2 kg capacity of trilaminated pouch [PET (12 μ)/Alu. Foil (9 μ)/LDPE (100 μ)] as primary packing	461

			which shall be further packed in 5-ply CFB box as a transport packing conforming to IS:2771(I)-1990.	
40.	Novaluron SC 8.8%	M/s ADAMA India Pvt. Ltd	Endorsement of additional bulk packing in ISO tank bulk container (UN Portable Tank) of capacity 22000 liter. The packaging shall be meet the requirements as per UN No. 3082, Packaging group III, Hazardous class-9.	462
41.	Novaluron SC 8.8%	M/s ADAMA India Pvt. Ltd	Endorsement of additional bulk packing in intermediate bulk container of capacity 1000 liter. Specification of the Bulk container: Type of material = HDPE; Maximum capacity = 1000 L; Weight of HDPE Liner = 14.5 Kg; Total weight (Kg) = 54 ± 1.5 kg; Closure system: Screw cap diameter (mm) = 150; Minimum Thickness of the liner (mm) = 1.5	462
42.	IPA salt of glyphosate technical aqueous concentrate containing a.i. 62% min.	M/s Bayer Crop Science	Endorsement of additional bulk pack i.e. ISO tank (UN portable Tank T11) for import of IPA salt of glyphosate technical aqueous concentrate of capacity 26000 Liter.	462
43.	Azoxystrobin technical 96.5% w/w min. for import	M/s Syngenta India Private Limited	Endorsement of additional packing in LDPE liner of capacity 800 kg as a primary packing which shall be further packed in FIBC made of Polypropylene woven fabric bag of same capacity as a transport packing.	462
44.	Etofenprox 6% + Diafenthiuron 25% WG	M/s Dhanuka Agritech Limited	Endorsement of additional packing in Tri-laminated pouches (12 μ PET + 12 μ MET PET + 90 μ LDPE) of capacity 1 kg as a primary packing which shall be inserted into Duplex board carton as a secondary packing. The secondary packing shall be further packed in 5-ply CFB box as a transport packing conforming to IS:2771(I)-1990.	462
45.	Captan 70% + Hexaconazole 5% WP	M/s Rallis India Limited	Endorsement of additional bulk packing of 25 kg in HDPE woven sack with LDPE inner liner as a primary/transport packing conforming to IS:2508-1984 (for LDPE) and IS:8069(1989) (for HDPE woven sack).	462
46.	Picarbutrazox Technical 94.50% Min. w/w	M/s Biostadt India Ltd	Endorsement of additional bulk packing in LDPE liner of capacity 60 kg as a primary packing which shall be further packed in fiber board drum of capacity 120 kg as a transport packing.	462

47.	Fluopyram 34.48% w/w SC	M/s Bayer CropScience Limited	Endorsement of additional packing in HDPE (Polyethylene/ Polyamide) co-ex container of capacity 5 liter as a primary packing conforming to IS:12512-1989, which shall be further packed in 5-ply CFB box as a transport packing conforming to IS:2771(I)-1990.	462
48.	Cypermethrin Technical 92 % w/w Min.	M/s Bharat Rasayan Ltd	Endorsement of additional bulk packing in Non-removable head type, M.S. Epoxy coated drum with thickness not less than 1.25 mm having capacity 210 liter. The shall also comply with the UN no. 3351. Hazardous class 6.1 and packaging group II.	462
49.	Gibberellic acid Technical 90% min.	M/s Crystal Crop Protection Ltd	Endorsement of additional packaging in plastic bag of capacity 1 gm, 5 gm, and 10 gm as a primary packing conforming to IS: 2508-2016 as a primary packing which shall be further inserted into HDPE bottle as a secondary packing conforming to IS: 9754-1981. Secondary pack shall be further packed in CFB (inner) as a tertiary packing which shall be further packed in 5-ply CFB box as a transport packing conforming to IS: 2771(I)-2022.	462
50.	Novaluron 10% (w/w) EC	M/s ADAMA India Pvt. Ltd.	<p>Endorsement of additional bulk packing in intermediate bulk container of capacity 1000 liter.</p> <p>Manner of Packing:</p> <p>Primary/Transport packaging: The product shall be packed in intermediate bulk container of capacity 1000 liter. The specification of primary/transport packaging shall be follow as:- Type of the material- HDPE, Maximum capacity (Liters)- 1000, Closure system: Screw cap. UN no. 3082, packaging group-III, Hazard class- 09</p>	462
51.	Beflubutamid 2.5% GR	M/s FMC India Private Limited	Endorsement of additional packing in Tri-laminated pouch (12-micron PET + 9-micron aluminium foil + 125-micron LDPE) of capacity 4.0 kg as a primary packing confirming to IS: 8190 (Part-I)-1988 (reaffirmed 2004) solid pesticides (second revision) and its amendment thereof. which shall be further packed in 7-ply CFB box of capacity 16 kg as a transport packing conforming to IS:2771(I)-1990.	462
52.	Metiram 55% + Pyraclostrobin 5% WG	M/s BASF INDIA LIMITED	Endorsement of additional import bulk pack of FIBC container made up of Polypropylene (pp) woven fabric. PE	462

			inner liner, Type C having 1200 litre capacity containing 500 kg of Metiram 55% + Pyraclostrobin 5% WG.	
53.	Bentazone 640 g/L (64% w/v) MUP	M/s BASF INDIA LIMITED	Endorsement of additional import bulk pack in HDPE C-IBC Drum of capacity 1060 Liters filled with 900 Liters for Bentazone 640 g/L (64% w/v) MUP.	462
54.	Renofluthrin 1.0% w/w Incense Stick	M/s Godrej Consumers Products Ltd.	Endorsement of additional packing of Renofluthrin 1.0% Incense Stick (10 Nos), in printed PET laminated with poly pouch (existing packing material) as primary pack. 3 such pouches shall be packed in secondary carton. 96 nos of secondary packs will be further packed in CFB box as transport pack as per BIS 2771 (Part 1) - 1990.	462
55.	Mancozeb 64%+Thiophanate methyl 12% WP	M/s Agro Life Science Corporation	Endorsement of additional packaging in Trilaminated pouches (PET 12micron/ Aluminium foil 9micron/ LDPE 100micron) of capacity 300 gm and 600 gm as a primary packing which shall be further packed in 5-ply CFB box of capacity 6 kg and 12 kg as a transport packing conforming to IS:2771(1)-1990.	462
56.	Mesotrione 2.27% w/w + Atrazine 22.7% w/w SC	M/s Syngenta India Private Limited	Endorsement of additional packaging in HDPE container of capacity of 200 Liters as a primary /transport packing conforming to IS:6312-1994.	462
57.	Pymetrozine 50 % WG	M/s KRISHI RASAYAN EXPORTS PVT. LTD.	Endorsement of additional packing in water soluble pouches of capacity 12 gm, 10 nos. of pouches shall be further packed in Tri-laminated pouches with capacity of 120 gm as a primary packing. Tri-laminated pouches shall be further packed in mono carton as a secondary packing. 40 nos. of mono carton of 120 gm capacity shall be further packed in 5-ply CFB box of capacity 4.8 kg as a transport packing.	462
58.	Thiodicarb 75% WP	M/s KRISHI RASAYAN EXPORTS PVT. LTD.	Endorsement of alternate packing in Tri-laminated pouches (12 micron PET + 12 micron Met Pet +100 micron LDPE) of capacity 100 gm, 200 gm, 500 gm, 1 kg and 5 kg as a primary packing. The primary packs of 100 gm and 200 gm capacity shall be inserted into inner carton as a secondary packing. There shall be no secondary packing for 500 gm, 1 kg and 5 kg pack size. The secondary packs of capacity 100 gm, 200 gm and primary packs of capacity 500 gm, 1000 gm and 5000 gm shall be	462

			Further packed in 5-ply CFB box upto 10 kg capacity as a transport packing conforming to IS:2771(I)-1990.	
59.	Glufosinate Ammonium 13.5% w/w SL	M/s Aristo Bio- tech and life Science Limited	Endorsement of additional packaging in HDPE container of capacity 5 lit., 10 lit., and 20lit. which shall be further packed in 5-ply CFB box as a transport packing conforming to IS:2771(I)-1990.	462
60.	Quizalofop Ethyl 7.5% + Imazethapyr 15% w/w EC	M/s Insecticides India Limited	Endorsement of new packing in PET bottle of capacity 200 ml for the surfactant conforming to IS:13123-2000.	463
61.	Metribuzin Technical	M/s Rallis India Limited	Endorsement of additional bulk packing of 35 kg in HDPE woven sack with LDPE inner liner as a primary/transport packing conforming to IS:2508-1984 (for LDPE) and IS:8069(1989) (for HDPE woven sack).	463
62.	Isopyrazam 11.16% w/w + Azoxystrobin 17.86% w/w SC	M/s Syngenta India Private Limited	Endorsement of additional packing in HDPE container (min. thickness- 1.00 mm) of capacity 1000 ml as a primary packing conforming to IS:9754-1981 which shall be further packed in 5-ply CFB box of capacity 10 L as a transport packing conforming to IS:2771(I)-2022.	463
63.	Isopyrazam Technical 92% w/w min.	M/s Syngenta India Private Limited	Endorsement of additional bulk packing in FIBC bag with Co-extruded PE liner of 600 kg pack size as a primary/transport packing conforming to IS 8190(part-1)-1988, Ref.2004, and IS 14738 (part 1):1999 Ref. 2004.	463
64.	Clodinofop Proporgyl 15% DF	M/s Willowood Chemicals Ltd.	Endorsement of additional packing in Tri-laminated pouch (80 μ LDPE/12 μ MET /12 μ PET) of capacity 160 gm as a primary packing. The primary packing shall be inserted into Monocarton as a secondary packing which shall be further packed in 5-ply CFB of maximum capacity 4.00 kg as transport packing conforming to IS:2771(I)2022.	463
65.	Topramezone 336 g/L SC	M/s BASF INDIA LIMITED	Endorsement of additional bulk packing in HDPE Tight head Drum of capacity 220 Liters filled with 200 Liters confirming to IS:8190: Part 2: 1988.	463
66.	Triflumezopyrim Technical 94% w/w min	M/s Corteva Agriscience India Pvt. Ltd.	Endorsement of additional bulk packaging in FIBC bag (FIBC Type D) conforming to IS: 14738-2017 with inner LDPE Liner of 350 Kg pack size conforming to IS:2508-2016 as a primary and transport packing.	463

67.	Acetamiprid Technical	M/s Rallis India Limited	Endorsement of additional bulk packing in HDPE liner of capacity 25 kg and 50 kg conforming to IS: 10889-2004 (For High-Density Polyethylene film) as a primary packing which shall be further packed in Outer HDPE woven sack of capacity 25 kg and 50 kg conforming to IS: 8069 (1989) Or Fiberboard Drum of capacities 25 kg & 50 kg conforming to the IS: 7601 (1983) as a transport packing.	463
68.	Thiophanate methyl 38% + Kasugamycin 2.21% SC w/w	M/s Dhanuka Agritech Limited	Endorsement of additional secondary and transport packing for HDPE bottle of capacity 400 ml (existing primary packing) conforming to IS:9754-1981 which shall be further packed in intermediate 3-ply Duplex board carton as a secondary packing. Secondary packing shall be further packed in 5-ply CFB box as a transport packing conforming to IS: 2771(I)-1990.	463
69.	Bentazone 480 g/l SL	M/s BASF INDIA LIMITED	Endorsement of additional bulk pack in HDPE C-IBC Drum of capacity 1050 Liters filled with 1000 Liters for Bentazone 480 g/l SL.	463
70.	D-trans Allethrin 0.1% w/w + Permethrin 0.03% w/w + Imiprothrin 0.02% w/w Aerosol	M/s HINDUSTAN FOODS LIMITED	Endorsement of additional packing in Tin Plate container of capacity 200 ml, 320 ml, 400 ml and 600 ml as per IS:9992-1991 and aerosol valve as per IS:9364-1980 as primary packing. The individually primary pack will be further packed in PET shrink sleeve as a secondary packing which shall be further packed in CFB box as a transport packing conforming to IS:2771(I)-1990.	463
71.	Aluminium Phosphide Technical and it's Formulations 56% Tablet and Powder	M/s Sumitomo Chemical India Ltd	Endorsement of additional packing in non-tearable, non-woven & fusible paper bag of capacity 10 gm as a primary packing as a primary packing which shall be repacked in Tri-laminated pouch (12 μ PET+ 9 μ Al. foil + 50 μ LDPE) as a secondary packing. The secondary packing shall be further packed in paper board mono carton as a tertiary packing which shall be further packed into 5-ply CFB box as a transport packing conforming to IS:2771(I)-1990.	463
72.	Mesotrione 2.27% + Atrazine 22.7% SC	M/s Parijat Industries (India) Pvt. Ltd.	Endorsement of additional packing in HDPE bottle 140 ml (min. thickness – 1.00 mm) of capacity (Brimful capacity- 161 ml) as a primary packing conforming to IS 9754:1981 (Reaffirmed 2018) which shall be further repacked into mono carton as a secondary packing. The secondary packing shall be further packed in 5-ply CFB box of	463

			capacity 07 liter as a transport packing conforming to IS:2771(I)-1990.	
73.	Thiamethoxam 25% WG	M/s Agrico Organics Limited	Endorsement of alternate packaging in PET bottle of capacity 50 gm, 100 gm, 250 gm, 500 gm and 1.00 kg as a primary packing confirming to IS: 13123-2000. The primary packs of capacity 50 gm and 100 gm shall be inserted into small intermediate CFB box as a secondary packing. There shall be no secondary packing for 250 gm, 500 gm and 1.00 kg pack size. The secondary pack containing 50 gm and 100 gm PET bottle and primary pack of capacity 250 gm, 500 gm, and 1.00 kg shall be further packed in 5-ply CFB Box as a transport packing conforming to IS:2771(I)-1990.	463
74.	Pretilachlor 50% EC	M/s Krishi Rasayan Exports Pvt. Ltd.	Endorsement of alternate bulk packing in HDPE drum of capacity 200 liters as a primary and transport packing conforming to IS:15749-2007.	463
75.	Diafenthionuron 50% WP	M/s Dhanuka Agritech Limited	Endorsement of additional packing in tri-laminated pouch [PET (12 μ) / MET-PET (12 μ) / LDPE (100 μ)] of capacity 250g, 500g & 1 Kg as a primary packing which shall be further packed in 5-ply CFB box as a transport packing conforming to IS:2771(I)-1990.	463
76.	MCPA 40% EC	M/s Krishi Rasayan Exports Pvt. Ltd.	Endorsement of alterante packing in PET bottle (min. thickness 0.75 mm) of capacity 500 ml and 1 Liter as a primary packing conforming to IS:13123-2000 which shall be further packed in 5-ply CFB box of capacity 12 lit. as a transport packing conforming to IS:2771(I)-1990.	463
77.	Pyrimidobac-Sodium 10 % EC	M/s Parijat Industries (India) Pvt. Ltd.	Endorsement of additional packing in HDPE bottle (polyethylene/polyacrylic) (min. thickness – 1.00 mm) of capacity 300 ml (Brimful capacity- 345 ml) as a primary packing conforming to IS 9754:1981 (Reaffirmed 2018) which shall be further packed in 5-ply CFB box of max. capacity 15 liter as a transport packing conforming to IS:2771(I)-1990.	463
78.	Thiamethoxam 30% FS	M/s P I Industries Ltd	Endorsement of additional transport packing in 5-ply CFB box of capacity 5.00 L conforming to IS: 2771 (Part-1)-1990 for existing primary pack (HDPE bottle) of capacity 100 ml.	463

79.	Fenazaquin 10% + Bifenthrin 4% EC	M/s Insecticides India Limited	Endorsement of additional packaging PET bottle of capacity 200 ml and 400 ml as a primary packing confirming to IS: 13123-2000 which shall be further packed in 5-ply CFB Box upto 8.0 liter capacity as a transport packing conforming to IS:2771(I)-1990.	463
80.	Oxadiazon 25% EC	M/s Crystal Crop Protection Ltd	Endorsement of additional packing in Aluminium bottle of capacity 400 ml and 800 ml conforming to IS:9503-1988 as a primary packing which shall be further individually repacked into HDPE liner (min. thickness 0.075 mm) as a secondary packing. The secondary packing shall be further packed in 5-ply CFB box of capacity 8.00 lit. as a transport packing conforming to IS:2771(I)-1990.	463

Annexure-5

Enhancement of Shelf-Life applications under section 9(4) approved by the Registration Committee

Sr. no.	File no.	Company name	Product name	Proposed Shelf Life enhancement	RC No.
1.	EN-49410	M/s India pesticides Ltd.	Pendimethalin 38.7% CS	One year to Two year.	460
2.	EN-49400	CORUM CROPSCIENCES	Metribuzin 70% W.P.	One year to Two year.	460
3.	EN-49399	CORUM CROPSCIENCES	Fipronil 5% SC	One year to Two year.	460
4.	EN-49401	CORUM CROPSCIENCES	Pyriproxyfen 10% + Bifenthrin 10% w/w EC	One year and six months to two years	460
5.	EN-49551	Yawalkar Pesticides Pvt Ltd.	Profenofos 40% + Cypermethrin 4% EC	One year to Two year	460
6.	EN-49853	M/s willowood chemicals limited	Dimethoate 30% E.C	One year to Two year	460
7.	EN-49850	M/s willowood chemicals limited	Metalexyl 35% WS	One year to Two year	460
8.	EN-49851	M/s willowood chemicals limited	Metalexyl 08% + Mancozeb 64% WP	One year to Two year	460
9.	EN-45604	M/s BR Agrotech Limited	Pyriproxyfen 10% + Bifenthrin 10% EC	One year and six months to two years	460
10.	EN-45769	M/s Congrats Agropack Private Limited	Pyraclostrobin 20% WG	One year to Two year	460
11.	EN-45764	M/s Congrats Agropack Private Limited	Neem Kernel Based EC Containing Azadirachtin 1%(10000 ppm) min	One year to Two year	460
12.	EN-45762	M/s Ichiban Crop Science Ltd	Neem Kernel Based EC Containing Azadirachtin 1%(10000 ppm) min	One year to Two year	460
13.	EN-42445	M/s Jayalakshmi Fertilizers	Phenthoate 50% EC	One year to Two year	460
14.	EN-45889	M/s Advance Agrolife Private Ltd	Temephos 1% (GR)	One and half years to two years.	460
15.	EN-45883	M/s Advance Agrolife Private Ltd	Aluminum Phosphide 56% (F) Tablet	Two years to three years.	460
16.	EN-45065	M/s General Crop Science	Imidacloprid 30.5% SC	One year to Two year	460
17.	EN-47724	M/s Synwood agro limited	Pendimethalin 38.7% CS	One year to Two year	460
18.	EN-48947	M/s Advance pesticides	Etephon 39% SL	One year to Two year	460
19.	EN-49852	M/s Willowood Chemicals limited	Etephon 39% S.L	One year to Two year	460
20.	EN-40963	FENGEL CROP SCIENCES	Profonofos 50% EC	One and half years to two years	460
21.	EN-40964	FENGEL CROP SCIENCES	Profonofos 40% + Cypermethrin 4% EC	One year to Two year	460

22.	EN-48362	M/s BR AGROTECH LIMITED	Pyraclostrobin 20% WG	One year to Two year	460
23.	EN-49849	M/s willowood chemicals limited .	Pyriproxyfen 10% + Bifenthrin 10% EC	One and half years to two years	460
24.	EN-48946	M/s Advance pesticides	Carbendazim 12% + Mancozeb 63% WP	One year to Two year	460
25.	EN-48934	M/s Advance pesticides	Neem Seed Kernel Based EC Containing Azadirachtin- 1% (10000 ppm) min.	One year to Two year	460
26.	EN-48932	Advance Pesticides	Acephate 50% + Imidacloprid 1.8% SP	One year to Two year	460
27.	EN-49954	Crop Growth (India) Pvt. Ltd	Profenofos 40% + Cypermethrin 4% EC	One year to Two year	460
28.	EN-50045	Navratna Crop Sciences	Profenofos 40% + Cypermethrin 4% E.C.	One and half year to two year	460
29.	EN-50044	Navratna Crop Sciences	Emamectin Benzoate 5% SG	One and half year to two year	460
30.	EN-50060	CROPGATE CHEMICALS PRIVATE LIMITED	Acephate 50% +Imidacloprid 1.8% SP	one year to two year	460
31.	EN-50101	SHANMUKHA AGRITEC LIMITED	Emamectin Benzoate 5% SG	One and half year to two year	460
32.	EN-50093	CROPGATE CHEMICALS PRIVATE LIMITED	Profenofos 40% + Cypermethrin 4% E.C	One and half year to two year	460
33.	EN-50049	CROPGATE CHEMICALS PRIVATE LIMITED	Quinalphos 25% EC	One year to two year	460
34.	EN-50046	CROPGATE CHEMICALS PRIVATE LIMITED	Emamectin Benzoate 5% SG	One and half year to two year	460
35.	EN-45367	JAYALAKSHMI FERTILISERS	Profenofos 50% EC	One and half year to two year	460
36.	EN-45366	JAYALAKSHMI FERTILISERS	Profenofos 40% + Cypermethrin 4% EC	One year to Two year	460
37.	EN-45364	JAYALAKSHMI FERTILISERS	Diuron 80% WP	One year to Two year	460
38.	EN-50148	Shanmukh Agritech limited.	Fipronil 4% w/w + Thiamethoxam 4% w/w SC	One and half year to two year	460
39.	EN-50147	SHANMUKHA AGRITEC LIMITED	Pyriproxyfen 10% + Bifenthrin 10% w/w EC	One and half year to two year	460
40.	EN-50142	SHANMUKHA AGRITEC LIMITED	Profenofos 40% + Cypermethrin 4% E.C.	One and half year to two year	460
41.	EN-50144	SHANMUKHA AGRITEC LIMITED	Pendimethalin 38.7% CS	One year to Two year	460
42.	EN-50242	Sparta Agritech Private Limited	Fipronil 4% w/w + Thiamethoxam 4% w/w SC	One and half year to two year	460
43.	EN-50241	Sparta Agritech Private Limited	Emamectin Benzoate 5% SG	One and half year to two year	460

44.	EN-50349	M/s Dharmaj crop guard ltd.	Temephos 1% Granules	One and half year to two year	460
45.	EN-50347	Dharmaj Crop Guard Limited	Pyriproxyfen 10% + Bifenthrin 10% w/w EC	One and half year to two year	460
46.	EN-50346	Dharmaj Crop Guard Limited	Phenthioate 50%EC	One year to Two year	460
47.	EN-50345	Dharmaj Crop Guard Limited	Pendimethalin 38.7% CS	One year to Two year	460
48.	EN-50463	TROPICAL AGROSYSTEM (INDIA) PVT. LTD.	Pyraclostrobin 20% WG	One year to Two year	460
49.	EN-50230	Beena Chemicals and Fertilizers Private Limited	Emamectin Benzoate-5% SG	One and half year to two year	460
50.	EN-49799	Stelmor Industries	Malathion 50% E.C.	One year to Two year	460
51.	EN-49798	Stelmor Industries	Pyriproxyfen 10% + Bifenthrin 10% w/w EC	One and half year to two year	460
52.	EN-49797	Stelmor Industries	Quinalphos 25% EC	One year to Two year	460
53.	EN-50243	Sparta Agritech Private Limited	Pendimethalin 38.7% CS	One year to Two year	460
54.	EN-50239	Sparta Agritech Private Limited	Dimethoate 30% E.C	One year to Two year	460
55.	EN-50139	SHANMUKHA AGRITEC LIMITED	Acephate 50% +Imidacloprid 1.8% SP	One year to Two year	460
56.	EN-45368	JAYALAKSHMI FERTILISERS	Sulphur 80% WP	One year to Two year	460
57.	EN-45365	JAYALAKSHMI FERTILISERS	Acephate 50% +Imidacloprid 1.8% SP	one year to two year	460
58.	EN-45363	JAYALAKSHMI FERTILISERS	Pendimethalin 38.7% CS	One year to Two year	460
59.	EN-49796	Stelmor Industries	Profenofos 40% + Cypermethrin 4%E.C	One and half year to two year	460
60.	EN-49793	Stelmor Industries	Pendimethalin 38.7% CS	One year to Two year	460
61.	EN-49791	Stelmor Industries	Emamectin Benzoate-5% SG	One and half year to two year	460
62.	EN-49790	Stelmor Industries	Dimethoate 30% E.C	One year to Two year	460
63.	EN-50636	AIMCO PESTICIDES LIMITED	Profenofos 40% + Cypermethrin4%E.C	One and half year to two year	460
64.	EN-50678	MICON LABORATORIES (P) LTD.	Pendimethalin 38.7% CS	One year to Two year	460
65.	EN-50676	MICON LABORATORIES (P) LTD.	Pyriproxyfen 10% + Bifenthrin 10% w/w EC	One and half year to two year	460
66.	EN-50675	MICON LABORATORIES (P) LTD	Diuron 80% WP	One year to Two year	460
67.	EN-50534	Shriram Agro Chemicals	Sulphur 80% WP	One year to Two year	460
68.	EN-50533	Shriram Agro Chemicals	Metribuzin 70%WP	One year to Two year	460
69.	EN-50531	Shriram Agro Chemicals	Emamectin Benzoate-5% SG	One and half year to two year	460
70.	EN-50287	TYRONE AGRO CHEMICALS PVT.LTD	Quinalphos 25% EC	One year to Two year	460

71.	EN-50284	TYRONE AGRO CHEMICALS PVT.LTD	Pyriproxyfen 10% + Bifenthrin 10% w/w EC	One and half year to two year	460
72.	EN-50283	TYRONE AGRO CHEMICALS PVT.LTD	Pyraclostrobin 20% WG	One year to Two year	460
73.	EN-49240	Ajay Bio-Tech (India) Ltd	neem seed kernel based EC containing Azadirachtin 1% (10000 ppm) min	One year to Two year	460
74.	EN-49096	Sterling AgrichemPvt Ltd	Dimethoate 30% E.C	One and half year to two year	460
75.	EN-49094	Sterling AgrichemPvt Ltd	Pendimethalin 38.7% CS	One year to Two year	460
76.	EN-49184	MODESTO CROP PROTECTION PVT. LTD	Quinalphos 25% EC	One year to Two year	460
77.	EN-49095	Sterling AgrichemPvt Ltd	Emamectin Benzoate-5% SG	One and half year to two year	460
78.	EN-49093	Sterling AgrichemPvt Ltd	Profenofos 40% + Cypermethrin 4%E.C	One and half year to two year	460
79.	EN-49092	Sterling AgrichemPvt Ltd	Pyriproxyfen 10% + Bifenthrin 10% w/w EC	One and half year to two year	460
80.	EN-49088	Sterling AgrichemPvt Ltd	Acephate 50% +Imidacloprid 1.8% SP	one year to two year	460
81.	EN-49004	Nutrimax Organics	Neem Kernel Based EC Containing Azadirachtin 0.3% w/w min.(3000 PPM)	One year to Two year	460
82.	EN-49003	Nutrimax Organics	Neem Seed Kernel Based EC Containing Azadirachtin 1% (10000 PPM) Min	One year to Two year	460
83.	EN-48998	MODESTO CROP PROTECTION PVT. LTD	Ziram 27% SC	One year to Two year	460
84.	EN-48999	MODESTO CROP PROTECTION PVT. LTD	Pendimethalin 38.7% CS	One year to Two year	460
85.	EN-48997	MODESTO CROP PROTECTION PVT. LTD	Profenofos 40% + Cypermethrin 4%E.C.	One and half year to two year	460
86.	EN-48895	Standard Pesticides Pvt Ltd	Diuron 80% WP	One year to Two year	460
87.	EN-48770	Rotam Crop Protection Pvt. Ltd.	Emamectin Benzoate-5% SG	One and half year to two year	460
88.	EN-48662	Natco Pharma Limited	Emamectin Benzoate-5% SG	One and half year to two year	460
89.	EN-48625	MODESTO CROP PROTECTION PVT. LTD.	Fipronil 5% SC	One year to Two year.	460
90.	EN-48624	MODESTO CROP PROTECTION PVT. LTD.	Mancozeb 75% WP	One year to Two year.	460
91.	EN-48586	Indobogher Plant Science Private Limited	Profenofos-40% + Cypermethrin-4%EC	One and half year to two year	460
92.	EN-48578	Indobogher Plant Science Private Limited	Acephate-50% + Imidacloprid-1.8%SP	One year to Two year.	460

93.	EN-48574	Indobogher Plant Science Private Limited	Carbendazim-12% + Mancozeb-63%WP	One year to Two year.	460
94.	EN-48573	Indobogher Plant Science Private Limited	Emamectin benzoate-5%SG	One and half year to two year	460
95.	EN-48570	Indobogher Plant Science Private Limited	Diafenthiuron-50%WP	One year to Two year.	460
96.	EN-48555	Indobogher Plant Science Private Limited	Imidacloprid-30.5%SC	One year to Two year	460
97.	EN-48551	Indobogher Plant Science Private Limited	Mancozeb-75%WP	One year to Two year	460
98.	EN-48548	Indobogher Plant Science Private Limited	Diuron-80%WP	One year to Two year	460
99.	EN-48545	MODESTO CROP PROTECTION PVT. LTD.	Fipronil 0.3% GR	One year to Two year	460
100.	EN-48542	MODESTO CROP PROTECTION PVT. LTD.	Carbendazim 12% + Mancozeb 63% WP	One year to Two year	460
101.	EN-48539	LAKSHMI PESTICIDES	Profenofos 40% + Cypermethrin 4%EC	One and half year to two year	460
102.	EN-48538	LAKSHMI PESTICIDES	Acephate-50% + Imidaclorpid-1.8%SP	One year to Two year	460
103.	EN-48529	LAKSHMI PESTICIDES	Carbendazim-12% + Mancozeb-63%WP	One year to Two year	460
104.	EN-48519	LAKSHMI PESTICIDES	Metalaxyl 35%WS	One year to Two year	460
105.	EN-48516	LAKSHMI PESTICIDES	Mancozeb 64% + Metalaxyl 8% WP	One year to Two year	460
106.	EN-48508	LAKSHMI PESTICIDES	Emamectin Benzoate-5% SG	One and half year to two year	460
107.	EN-48506	LAKSHMI PESTICIDES	Fipronil-5%SC	One year to Two year	460
108.	EN-48453	GNP AGROSCIENCES PVT.LTD.	Neem Seed Kernel Based Ec Containing Azadirachtin-1% (10000 Ppm) Min	One year to Two year	460
109.	EN-48452	MODESTO CROP PROTECTION PVT. LTD	Emamectin Benzoate-5% SG	One and half year to two year	460
110.	EN-48356	Natco Pharma Limited	Pyraclostrobin 20% WG	One year to Two year	460
111.	EN-46537	Shivalik Crop Sciences Pvt. Ltd	Acephate-50% + Imidaclorpid-1.8%SP	One year to Two year	460
112.	EN-45370	JAYALAKSHMI FERTILISERS	Neem Kernel Based EC Containing Azadirachtin 0.3% w/w min.(3000 PPM	One year to Two year	460
113.	EN-47881	Spectrum Ethers Private Limited	Emamectin Benzoate-5% SG	One and half year to two year	460
114.	EN-50282	TYRONE AGRO CHEMICALS PVT.LTD	Profenophos 40% + Cypermethrin 4% EC	One and half year to two year	460
115.	EN-47854	MAHAMAYA LIFESCIENCES PVT. LTD.	Pyraclostrobin 20% WG	One year to Two year	460

116.	EN-47770	Ramcides Crop Science Pvt, Ltd.	Pendimethalin 38.7%CS	One year to Two year	460
117.	EN-47711	MICON LABORATORIES (P) LTD.	CARBENDAZIM 50% WP	two years to five years.	460
118.	EN-47680	Ratnakar India Limited	Diuron 80 % WP	One year to Two year	460
119.	EN-47677	Ratnakar India Limited	Emamectin Benzoate-5% SG	One and half year to two year	460
120.	EN-47353	Special Biochem Pvt. Ltd	Neem Seed Kernel Based EC Containing Azadirachtin- 1% (10000 ppm) min.	one year to two year	460
121.	EN-47352	Special BiochemPvt. Ltd	Neem Kernel Based EC Containing Azadirachtin 0.3% w/w min.(3000 PPM)	one year to two year	460
122.	EN-47347	BHARAT CHEMICALS INDUSTRIES	Quinalphos 25% EC	one year to two year	460
123.	EN-45889	Advance Agrolife Private Limited	Temephos 1% GR	one year to two year	460
124.	157446	Greencross Agro Chemicals Pvt Ltd	Metalaxy 8%+ Mancozeb 64% WP	one year to two year	460
125.	EN-45883	Advance Agrolife Private Limited	Aluminum Phosphide 56% (F) Tablet	two to three years	460
126.	EN-45369	JAYALAKSHMI FERTILISERS	Fipronil 4%+Thiamethoxam 4% SC	One and half year to two years.	460
127.	EN-45065	General Crop Science	IMIDACLOPRID 30.5% S.C	one year to two year	460
128.	EN-50721	Sumil Chemical Industries Pvt. Ltd	Profenofos 40% + Cypermethrin 4% EC	One and half year to two years.	460
129.	EN-50248	TYRONE AGRO CHEMICALS PVT.LTD	NEEM SEED KERNEL BASED EC CONTAINING AZADIRACHTIN-1% (10000 PPM) MIN	One year to Two year	461
130.	EN-50247	TYRONE AGRO CHEMICALS PVT.LTD	Fipronil 4% + Thiamethoxam 4% w/w SC	One and half year to two year	461
131.	EN-50246	TYRONE AGRO CHEMICALS PVT.LTD	Emamectin Benzoate 5% SG	One and half year to two year	461
132.	EN-50245	TYRONE AGRO CHEMICALS PVT.LTD	Dimethoate 30% EC	One year to Two year	461
133.	EN-50244	TYRONE AGRO CHEMICALS PVT.LTD	Acephate 50% + Imidacloprid 1.8% SP	One year to Two year	461
134.	EN-50532	Shriram Agro Chemicals	Fipronil 0.3%GR	One year to Two year	461
135.	EN-50784	AEGIS CHEMICALS PRIVATE LIMITED	Acophate 50% + Imidacloprid 1.8% SP	One year to Two year	461

136.	EN-50785	AEGIS CHEMICALS PRIVATE LIMITED	AGRO INDIA	Carbendazim 12% + Mancozeb 63% WP	One year to Two year	461
137.	EN-50787	AEGIS CHEMICALS PRIVATE LIMITED	AGRO INDIA	Diafenthuron 50% WP	One year to Two year	461
138.	EN-50790	AEGIS CHEMICALS PRIVATE LIMITED	AGRO INDIA	Emamectin Benzoate 5% SG	One year to Two year	461
139.	EN-50791	AEGIS CHEMICALS PRIVATE LIMITED	AGRO INDIA	Fipronil 0.3% G.R	One year to Two year	461
140.	EN-50792	AEGIS CHEMICALS PRIVATE LIMITED	AGRO INDIA	Fipronil 4% w/w + Thiamethoxam 4% w/w SC	One year to Two year	461
141.	EN-50793	AEGIS CHEMICALS PRIVATE LIMITED	AGRO INDIA	Fipronil 5% SC	One year to Two year	461
142.	EN-50795	AEGIS CHEMICALS PRIVATE LIMITED	AGRO INDIA	Metalaxy 35% WS	One year to Two year	461
143.	EN-50796	AEGIS CHEMICALS PRIVATE LIMITED	AGRO INDIA	Metalaxy 8% + Mancozeb 64% WP	One year to Two year	461
144.	EN-50797	AEGIS CHEMICALS PRIVATE LIMITED	AGRO INDIA	Metribuzin 70% W.P	One year to Two year	461
145.	EN-50809	AEGIS CHEMICALS PRIVATE LIMITED	AGRO INDIA	Pyriproxyfen 10% + Bifenthrin 10% w/w EC	One year to Two year	461
146.	EN-50807	AEGIS CHEMICALS PRIVATE LIMITED	AGRO INDIA	Prosenophos 50% EC	One year to Two year	461
147.	EN-50801	AEGIS CHEMICALS PRIVATE LIMITED	AGRO INDIA	Prosenofos 40% + Cypermethrin 4% EC	One year to Two year	461
148.	EN-50800	AEGIS CHEMICALS PRIVATE LIMITED	AGRO INDIA	Phentoate 50 % E.C	One year to Two year	461
149.	EN-50799	AEGIS CHEMICALS PRIVATE LIMITED	AGRO INDIA	Pendimethalin 38.7% CS	One year to Two year	461
150.	EN-50798	AEGIS CHEMICALS PRIVATE LIMITED	AGRO INDIA	Neem Seed Kernel Based EC Containing Azadirachtin- 1% (10000 ppm) min.	One year to Two year	461
151.	EN-50755	Kalyani Industries Limited		Temephos 1% Granules	One year to Two year	461
152.	EN-49547	Shivalik Rasayan Limited		Dimethoate Technical 85% w/w min.	One year to Two year	461

153.	EN-50973	Anu Products Limited	Pendimethalin 38.7% CS	One year to Two year	462
154.	EN-51007	M/s Coromandel International limited	Neem seed kernal based EC containing Azadirachtin 0.15% EC	One year to Two year	462
155.	EN-51056	SHREE RAM BIOTECH	Emamectin Benzoate 5% SG	One and half year to two year.	462
156.	EN-51171	Penshibao Wang Pvt. Ltd	Pyriproxyfen 10% + Bifenthrin 10% w/w EC	One and half year to two year.	462
157.	EN-51170	Penshibao Wang Pvt. Ltd	Profenofos 40% + Cypermethrin 4% EC	One and half year to two year.	462
158.	EN-51169	Penshibao Wang Pvt. Ltd	Pendimethalin 38.7% CS	One year to Two year	462
159.	EN-51168	Penshibao Wang Pvt. Ltd	Neem Seed Kernel Based EC Containing Azadirachtin- 1% (10000 ppm) min	One year to Two year	462
160.	EN-51167	Penshibao Wang Pvt. Ltd	Fipronil 4% w/w + Thiamethoxam 4% w/w SC	One and half year to two year.	462
161.	EN-51166	Penshibao Wang Pvt. Ltd	Emamectin Benzoate 5% SG	One and half year to two year	462
162.	EN-51165	Penshibao Wang Pvt. Ltd	Acephate 50% + Imidacloprid 1.8% SP	One year to Two year	462
163.	EN-51237	Insecticides India Limited	Dimethoate 30% EC	one year to one and half year	462
164.	EN-48993	NEW PACK AGRO CHEM	Emamectin Benzoate 5% SG	One and half year to two year.	462
165.	EN-51260	Insecticides India Limited	Acephate 50% + Imidacloprid 1.8% SP	One year to Two year	462
166.	EN-51261	Insecticides India Limited	Neem Seed Kernel Based EC Containing Azadirachtin- 1% (1000 ppm) min.	One year to Two year	462
167.	EN-51262	Insecticides India Limited	Fipronil 4% w/w + Thiamethoxam 4% w/w SC	One and half year to two year	462
168.	EN-51263	Insecticides India Limited	Profenofos 40% + Cypermethrin 4% EC	one and half year to two year.	462
169.	EN-51264	Insecticides India Limited	Quinalphos 25% EC	One year to two year.	462
170.	EN-51352	VITAL CROP SCIENCE PVT. LTD	Pendimethalin 38.7% CS	One year to two year.	462
171.	EN-51351	VITAL CROP SCIENCE PVT. LTD	Profenofos 40% + Cypermethrin 4% EC	One and half year to two years	462
172.	EN-51349	VITAL CROP SCIENCE PVT. LTD	Quinalphos 25% EC	One year to two years	462
173.	EN-51348	VITAL CROP SCIENCE PVT. LTD	Carbendazim 12% + Mancozeb 63% WP	One year to two years.	462

174.	EN-51347	VITAL CROP SCIENCE PVT. LTD	Dimethoate 30% E.C	One and half year to two years	462
175.	EN-51346	VITAL CROP SCIENCE PVT. LTD	Emamectin Benzoate 5% SG	One and half year to two years	462
176.	EN-51345	VITAL CROP SCIENCE PVT. LTD	Acephate 50% +Imidacloprid 1.8% SP	One year to two years	462
177.	EN-51477	Ulink AgriTech Pvt.Ltd	Emamectin Benzoate 5% SG	One and half year to two years	462
178.	EN-51476	Ulink AgriTech Pvt.Ltd	Neem Seed Kernel Based EC Containing Azadirachtin 1% (10000 PPM) min.	One year to two years	462
179.	EN-51475	Ulink AgriTech Pvt.Ltd	Profenofos 40% + Cypermethrin 4% EC	One and half year to two years	462
180.	EN-51695	SHRI RAM SOLVENT EXTRACTION PVT. LTD	Neem seed kernel based ec containing azadirachtin-1% (10000 ppm) min.	One year to two years	462
181.	EN-51694	SHRI RAM SOLVENT EXTRACTION PVT. LTD	Neem seed Kernal based EC containing Azadirachtin 0.03% w/w min	One year to two years	462
182.	EN-51804	ABCI Agrochem Pvt. Ltd.	Dimethoate 30% EC	One and half year to two years	462
183.	EN-51350	VITAL CROP SCIENCE PVT. LTD	Malathion 50% E.C.	one and half year to two years.	462
184.	EN-51963	Aristo Bio-tech and life Science Limited	Pendimethalin 38.7% CS	One year to Two year.	463
185.	EN-52221	Shivalik Crop Sciences Pvt. Ltd	Emamectin Benzoate 5% SG	One and half year to two year	463
186.	EN-52083	Crystal Crop Protection Ltd	Pendimethalin 38.7% CS	One year to Two year.	463
187.	EN-49815	Shivalik Crop Sciences Pvt. Ltd	Diuron 80 % W.P	One year to Two year	463
188.	EN-49816	Shivalik Crop Sciences Pvt. Ltd	Dimethoate 30% EC	One and half year to two year	463
189.	EN-52084	Crystal Crop Protection Ltd	Mancozeb 75% WP	One year to Two year	463
190.	EN-51418	SHRI RAM SOLVENT EXTRACTION PVT. LTD.	SULPHUR 80%W.P	One year to Two years	463
191.	EN-51857	Shiv Paramount Organics and Fertilizers Pvt. Ltd.	Acephate-50% + Imidacloprid-1.8%SP	One year to Two years	463
192.	EN-51858	Shiv Paramount Organics and Fertilizers Pvt. Ltd	Quinalphos-25%EC	One year to Two years	463
193.	EN-51859	Shiv Paramount Organics and Fertilizers Pvt. Ltd	Emamectin benzoate-5%SG	One and half year to two years	463
194.	EN-51860	Shiv Paramount Organics and Fertilizers Pvt. Ltd.	Fipronil-5%SC	One year to two years	463
195.	EN-51861	Shiv Paramount Organics and Fertilizers Pvt. Ltd.	Malathion-50%EC	One and half years to two years.	463

196.	EN-51862	Shiv Paramount Organics and Fertilizers Pvt. Ltd.	Dimethoate-30%EC	One and half years to two years.	463
197.	EN-51865	Shiv Paramount Organics and Fertilizers Pvt. Ltd.	Neem Kernel Based EC Containing Azadirachtin-0.3% w/w min. (3000 PPM)	One year to two years.	463
198.	EN-51887	Shiv Paramount Organics and Fertilizers Pvt. Ltd.	Neem Seed Kernel Based EC Containing Azadirachtin-1% (10000 PPM) Min.	One year to two years	463
199.	EN-51977	Aristo Bio-tech and life Science Limited	Pyraclostrobin 20% WG	One year to two years	463
200.	EN-49817	Shivalik Crop Sciences Pvt. Ltd	Profenofos 40% + Cypermethrin 4%E.C	One and half year to two year	463

Annexure-6

List of import permits issued for multi-use/dual-use pesticides for non-insecticidal purposes

S. No.	RC	Applicant	Decision of the Registration Committee
1.	460	Grauer & Weil (India) Limited	Approved 130 MT Boric Acid For Manufacturing of metal furnishing.
2.	461	Raghav Productivity Enhancers Limited	Approved 100 MT Boric Acid For making ramming mass
3.	461	Indian Additives Limited	Approved 30 MT Boric Acid for manufacturing of Succinimides
4.	462	Dr. Reddys Laboratory	Approved Boric acid 0.05MT (5kg)
5.	462	Dorf Ketal Chemicals India Pvt. Ltd.	Approved 161.280 MT Boric Acid for production of PX3872 (Fuel Additive)
6.	463	Bhilosa Industries Private Limited	Approved Boric Acid 33.88 MT For manufacturing of Antiseptics
7.	460	Deccan Fine Chemicals (India) Pvt. Ltd.	Approved 370 MT Sodium Cyanide For manufacturing of Pyraflusin Ethyl (ET-751), (CisHydentyoin&Es teramide) and Cyanopyrazole
8.	460	Benzo Chem Industries Private Limited	Approved 500 MT Sodium Cyanide For Manufacturing of 2,5 Dimethyl Phenyl Acetyl Chloride, 2. 2,4 Di Chloro Phenyl Acetic Acid, 3. 2,4 Dichloro Phenyl Acetyl Chloride, 4. Ortho Methyl Phenyl Acetic Acid, 5. Ortho Methyl Benzyl Cyanide, 6. Para Chloro Benzyl Cyanide, 7. Meta Chloro Benzyl Cyanide. 8. Para Chloro Phenyl Acetic Acid, 9. 2,4,6 Trimethyl Phenyl Acetyl Chloride, 10. Ortho Chloro Phenyl Acetic Acid, 11. 2-4 Dichloro Benzyl Cyanide
9.	460	Tagros Chemicals India Private Limited	Approved 590 MT Ethylene Dichloride For manufacturing of Cypermethrin Tech
10.	460	NOCIL Limited	Approved 1700 Mono Nitrobenzene (Nitrobenzene) For Manufacturing rubber chemicals 4ADPA and PX13
11.	460	Sumitomo Chemicals India Limited.	Approved 200 MT Sodium Cyanide For Manufacturing Fenpropathrin Technical.
12.	460	Bharat Rasyan Limited	Approved 230 MT Sodium Cyanide For Manufacturing of Alpha Cypermethrin, Fenvalerate, Cypermethrin and Lambda Cyhalothrin Technicals.
13.	460	Naresh Brothers	Approved 50MT Thiourea
14.	460	B. Pankaj Kumar & Co	Approved 212 MT Thiourea
15.	460	Covalent Laboratories Pvt. Ltd.	Approved 193 MT Thiourea For Manufacturing of Cefixime Trihydrate.
16.	460	SURIL PHARMA	Approved 20MT Thiourea For manufacturing Mebendazole, Albendazole & Fenbendazole

17.	460	PharvinexChempaharm Pvt. Ltd.	Approved 100 MT Thiourea For Lokhit Healthcare Pvt Lt., for manufacturing Mebendazole
18.	460	IPCA Laboratories	Approved(based on the declaration of the end user of Famotidine for not manufacturing any banned combination product) 9 MT Thiourea For Manufacturing of Famotidine
19.	460	Darshan Finechem Private Limited	Approved 500 MT Yellow Phosphorus For Manufacturing of Phosphorous Trichloride, Phosphorous Penta Chloride, and Phosphorous Oxy Chloride
20.	461	Hikal Limited	Approved 280 MT Amitrole (3- Amino-1,2,4- triazole) For manufacturing Ametoctradin (Validity 3 years)
21.	461	NOCIL Limited	Approved 500 MT Carbon disulphide 1500 MT for manufacturing N Cyclohexyl-2- Benzothiazyl Sulfenamides & Similar Sulfenamides
22.	461	Superform Chemistries Limited	Approved 10000 MT Carbon disulphide For manufacturing of Mancozeb & Propineb (Antracol) Technical Validity of the permit 3 Years
23.	461	PMC Rubber Chemicals India Private Limited	Approved 100 MT Carbon disulphide For manufacturing of Tetra Methyl Thiuram Disulphite (TMTD)
24.	461	Integrated Pesticides Pvt. Ltd.	Approved 5 MT Chloropicrin (Validity 3 years) for manufacturing of Methyl Bromide Technical
25.	461	Nishant Aromas Private Limited	Approved 180 MT CITRAL, Perfumery, Compounds and Fragrance Chemical
26.	461	BASF India Limited	Approved 700 MT Citral making fragrance formulation
27.	461	Hikal Limited	Approved 200 MT Dicloran (2,6- dichloro-4- nitroaniline)) For Manufacturing of 3,5-DCA (3,5- Dichloroaniline)
28.	461	Gharda Chemicals Limited	Approved 3700 MT Ethylene Dichloride For Manufacturing of Mesotriione Chlorpyrifos Fipronil Triclopyr Butyl Ester (Actp Ester) Indoxacarb Cartap and Dicamba (Validity 3 years)
29.	461	Sumitomo Chemicals India Limited.	Approved 100 MT Ethylene Dichloride For manufacturing Imidaclorpid (Validity 3 years)
30.	461	Nishant Aromas Private Limited	Approved 24 MT Eucalyptus Oil 60% to 80% 24 MT For manufacturing Perfumery Compounds and Fragrance Chemicals
31.	461	Nishant Aromas Private Limited	Approved 40 MT 1,8 CINEOL (EUCALYPTOL) For manufacturing Perfumery Compounds, Fragrance Chemicals & Essential Oils
32.	461	Gharda Chemicals Limited	Approved 3000 MT Acrylonitrile Chlorpyrifos, Triclopyr Butyl Ester and Intermediates like Cypermethric Acid Chloride, Sodium Salt of Cypermethric Acid, CIS cypermethric Acid Chloride, TBN (Validity 3 years)
33.	461	Pradeep Shetye Pvt. Ltd.	Approved 1150 MT Hydrogen Cyanamide in consonance with the approval of CDSCO for manufacturing Albendazole
34.	461	M B Sales Corporation	Approved 400 MT Potassium Cyanide

35.	461	Beevee Chemicals	Approved 42 MT Potassium Cyanide
36.	461	Tagros Chemicals India Private Limited	Approved 1200 MT Sodium Cyanide For manufacturing Cypermethrin Technical (Validity of permit 3 years)
37.	461	Pidilite Industries Limited	Approved 300 MT Tetrachloro-pbenzoquinone (Chloranil) For manufacturing Carbazole Dioxazine Violet Pigment
38.	461	Ideal Dye Chem Industries	Approved 39 MT Thiourea For manufacturing 3,3 Dichloro Benzidine Dihydrochloride
39.	461	Bharat Jyoti Impex	Approved 960 MT Thiourea for manufacturing Albendazole and Mebendazole
40.	461	Sanjay Chemicals India Private Limited	Approved 2000 MT Thiourea
41.	461	Ramco Organics	Approved 300 MT Thiourea For Albendazole & Mebendazole to be manufactured by K A Malle Pharmaceuticals Ltd., Mumbai
42.	461	Kalpataru Chemicals Private Limited	Approved 300 MT Yellow Phosphorus for Manufacturing of Red Phosphorous
43.	461	Prasol Chemicals Private Limited	Approved 2000 MT Yellow Phosphorus For manufacturing of Phosphorus pentasulphide & Phosphorus Pentoxide
44.	461	Sri Magenta Chemicals Private Limited	Approved Yellow Phosphorus 300 MT
45.	461	Shogun Lifesciences Private Limited	Approved 67.5 MT Yellow Phosphorus for manufacturing of Aluminium and Zinc Phosphide (Validity 3 years)
46.	461	Excel Industries Limited	Approved 8000 MT Yellow Phosphorus for manufacturing process of Phosphorus Pentasulphide (Validity 3 years)
47.	462	Aquapharm Chemicals Private Limited	Approved 8400 MT Yellow Phosphorus for manufacturing Phosphorus Trichloride
48.	462	Ashoka Meta Chem Industries	Approved 160 MT Sodium Cyanide for manufacturing of electroplating salts
49.	462	Ashoka Meta Chem Industries	Approved 60 MT Copper Cyanide to be used in the manufacturing of Electroplating Salts & Intermediates
50.	462	Divis Laboratories Limited, Hyderabad, Telangana	Approved 200 MT Sodium Cyanide To be used in the manufacturing of SIGMA-I with ISA & ISB (Dextromethorphan HBR Intermediates) & Dextromethorphan HBR.
51.	462	Indofil Industries Limited	Approved 10000 MT Carbon Disulphide to be used in the manufacturing of Mancozeb and its formulation (Validity 3 years)
52.	462	Privi Speciality Chemicals Limited	Approved 1670 MT Citral for manufacturing of Timber Touch, Timber Fort
53.	462	Grauer& Weil (India) Ltd	Approved 23 MT Thiourea to be used in the manufacturing of Metal furnishing & surface furnishing products and lubricating & greases.

54.	462	Tina Organics Private Limited	Approved 95 MT Yellow Phosphorus for manufacturing Phosphorous Oxychloride
55.	462	M/s Vital Chemtech Limited	Approved 2000 MT Yellow Phosphorous to be used in the manufacturing of Phosphorous Trichloride, Phosphorous Oxychloride, Phosphorous Pentoxide,
56.	462	Sandhya Organic Chemicals Pvt. Ltd.	Approved 2500 MT Name of Product: Yellow Phosphorus 99.9% min For manufacturing of Phosphorus Pentoxide
57.	462	Grauer& Weil (India) Ltd	Approved 200 MT Sodium Cyanide to be used in the manufacturing of Metal furnishing & surface furnishing products and lubricating & greases.
58.	462	P I Industries Ltd	Approved 1177 MT Thiourea to be used in the manufacturing of Pyroxasulfone Technical (Subject to the submission of DIC certificate)
59.	463	Kalpaphoschem Private Limited	Approved import of 350 MT of Yellow Phosphorous to be used in the manufacturing of Red Phosphorous
60.	463	Punjab Chemicals & Crop Protection Ltd	Approved import of 750 MT Yellow Phosphorous to produce Phosphoric Acid & Phosphorous Pentoxide for use in Industrial, Pharmaceutical, food grade
61.	463	Coromandel International Limited	Approved import of 10000 MT Carbon disulphide for manufacture of Mancozeb
62.	463	Coromandel International Limited	Approved import of 1090 MT of Yellow Phosphorous to manufacture PCL3 & DDVP
63.	463	M/s Meghmani Organics Limited	Approved import of 3000 MT Ethylene Dichloride (EDC) for manufacturing of Profenofos, Bifenthrin Technical & Meta Phenoxy Benzaldehyde (MPB). Validity 3 years
64.	463	Ms Excel Industries Limited	Approved import of 4540 MT Yellow Phosphorus Use in the Manufacturing of Phosphorus Trichloride (PCl3)
65.	463	Bhilosa Industries Private Limited	Approved import of Boric Acid 33.88 MT for manufacture of Antiseptic

Annexure-7

List of registered Pesticides under 9(3), 9(3b) and 9(3) label Expansion along with waiting Period

Plant Pathology Division

S. No	RC No.	File No.	Company Name	Product Name	Crop claim	Waiting Period /PHI (Days)
1.	460	330307-F/9(3)/2022	M/s FMC India Pvt. Ltd	Flutriafol 23% SC	Rice	24
2.	460	149268-FI/9(3)/2020	M/s Syngenta India Limited	Sedaxane 2.5% w/v + Fludioxonil 2.5% w/v FS	Wheat	Seed treatment
3.	460	154420-FI/9(3)/2021	M/s BASF India Limited	Mefentrifluconazole 200g/l + Fluxapyroxad 200 g/l SC	Rice	15
4.	460	130207-FI/9(3)/2019	M/s. BASF India Ltd	Mefentrifluconazole 200g/l + Pyraclostrobin 200g/l SC	Cotton	38
					Tomato	7
					Corn	48
					Chilli	7
					Groundnut	12
					Soybean	24
5.	460	437150-F/9(3)/2023	M/s Corteva Agrisciences India Pvt. Ltd	Oxathiapiprolin 4.61%w/w + Amisulbrom 23.08 % w/w SE	Grape	60
					Potato	43
6.	461	176950-F/9(3)/2023	M/s Willowood Chemicals Pvt. Limited	Difenoconazole 4% + Propineb 64% DF	Apple	24
					Paddy	32
7.	461	151032-FI(3)/2021	M/s Syngenta India Limited	Oxathiapiprolin 1.4% w/w + Azoxystrobin 14.46% w/w SC	Tomato	05
					Cucumber	10
8.	461	300630-F/9(3)/2022	M/s Rallis India Limited	Trifloxystrobin 25% + Hexaconazole 25% WG	Chilli	7
					Cumin	31
					Rice	15
					Tomato	7
9.	461	180241-FI/9(3)2021	M/s Syngenta India Ltd	Pydiflumetofen 13.6%w/w + Propiconazole 11.4% w/w SE	Cotton	30
					Soybean	27
					Wheat	35
10.	461	175099	M/s BASF India Limited	Pyraclostrobin 25 g/l + Fipronil 250 g/l +Thiophanate methyl 225g/l FS	Groundnut	Seed treatment
11.	461	435380-F/9(3)/2023	M/s Indofil Industries Limited	Zoxamide 33% + Cymoxanil 33% WP	Grape	15
12.	461	449948-B/F/9(3b) 2024	M/s Agricultural Micro-Organism Manufacturers	<i>Ampelomyces quisqualis</i> 1.5% A.S	Chilli	-

			& Farmers Association	(Cfu 2×10^6 /mL min.; Strain- AMMFA-AQ1; NBAIM Accession number NAIMCC-SF-0117)		
13.	461	157409	M/s Shri Ram Solvent Extraction Pvt. Ltd	Trichoderma harzianum 20% SC (CFU count: 1×10^6 /mL min. under section 9(3b). [ICAR-IOR strain Th4d, Accession No. NAIMCC-F-02188]	Safflower	-
					Caster	-
					Sunflower	-
14.	462	408198-F/9(3)/2023	M/s Indofil Industries Limited	Azoxystrobin 8.3% + Mancozeb 66.7% WG	Grape	21
					Tomato	06
15.	462	438956-F/9(3)/2023	M/s Sumitomo Chemical India Limited	Inpyrfluxam 6% + Tebuconazole 20% SC	Rice	25
16.	462	438411-F/9(3)/2023	M/s UPL Limited	Azoxystrobin 13.04% + Thifluazamide 15.66% SC	Paddy	43
					Potato	34
17.	463	435485-F/9(3)/2023	M/s Indofil Industries Limited	Difenoconazole 4.8% + Mancozeb 64% WP	Tomato	5
					Grape	10
					Onion	20
18.	463	442840-F/9(3)/2024	M/s UPL Limited	Azoxystrobin 4.5% + Mancozeb 67.5% + Cyproconazole 3.0% WG	Paddy	38
					Black gram	26
					Chilli	5

19. Endorsement

20.	460	EN-43891/2023	M/S UPL Limited	Copper Sulphate 47.15%+ Mancozeb 30% WDG	Cucumber	10
					Citrus	10
					Pomegranate	44
					Apple	184
21.	460	EN-47941/2024	M/S Seedlings India Pvt. Ltd	Trifloxystrobin 10% + Difenoconazole 12.5% + Sulfur 3% SC	Paddy	26
22.	460	EN-44658/2023	M/S GSP Crop Science Pvt. Ltd.	Pyraclostrobin 3.5% + Thiram 15% + Clothianidin 22.5% FS	Cotton	Seed treatment
23.	461	42575-End2022	M/s Bayer CropScience Ltd	Fosetyl AL-80 % WP	Apple	30
24.	461	EN-42713/2022	M/S Syngenta India Limited.	Propiconazole 13.9% w/w + Difenoconazole 13.9% w/w EC	Groundnut	83
					Cotton	68
					Wheat	35
					Banana	10

25.	461	EN-44039	M/s. Rallis India Limited	Hexaconazole 75% WG	Apple	30
26.	461	EN-49313	M/S Seedlings India Private Limited	Trifloxystrobin 6% + Thiophanate methyl 9.5% + Thiamethoxam 24% FS	Soybean	Seed treatment
27.	461	EN-50166	M/S Seedlings India Private Limited	Trifloxystrobin 10% + Difenoconazole 12.5% + Sulfur 3% SC	Apple	7
28.	462	EN-44298	M/S Jivagro Limited	Tetraconzaole 3.8% EW	Cucumber	10
29.	462	EN-44609	M/s. Jivagro Limited	Benalaxyl-M 4% + Mancozeb 65% WP	Cucumber	7
					Onion	42
					Tomato	7
30.	463	EN-45096	M/S UPL Limited	Azoxystrobin 2.5% + Thiophanate methyl 11.25% + Thiamethoxam 25% FS	Groundnut	Seed treatment
					Maize	Seed treatment
31.	463	EN-45816	M/s BASF INDIA LIMITED	Fluxapyroxad 250 g/l + Pyraclostrobin 250 g/l SC	Apple	41

Total No. of 9(4)-Endorsement cases which was approved in 460 RC= 21, 461 RC=18, 462 RC=15, 463 RC=17

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 (Days)	RC No.
1.	M/s Corteva Crop India Pvt. Ltd	Spinoteram 11.70% SC	Chilli		460
2.	M/s BASF India Ltd.	Afidopyropen 50 g/l DC	Black gram	44	460
				42	
3.	M/s Syngenta India Ltd.	Chlorantraniliprole 9.3% + Lambda cyhalothrin 4.6% ZC	Pomegranate	15	460
4.	M/s Corteva Crop India Pvt. Ltd	Spinoteram 11.70% SC	Cotton	7	460
5.	M/s Insecticides India Ltd	Cyenopyrafen 30% SC	Chilli	7	460
6.	M/s Bayer CropScience Ltd.	Thiaclorpid 21.7% SC	Pomegranate	45	460
7.	M/s Bayer CropScience Ltd	Imidacloprid 17.1% SL	Chilli	5	460
8.	M/s Bayer CropScience Ltd	Imidacloprid 17.1% SL	Tomato	5	460

9.	M/s Gharda Chemicals Ltd.	Indoxacarb 15.5% SC	Okra	7	461
10.	M/s Syngenta India Ltd.	Cyclaniliprole 7.3% + Diafenthiuron 36.4% SC	Brinjal	7	461
			Okra	5	
			Tomato	7	
11.	M/s Bayer CropScience Ltd.,	Imidacloprid 21% + Beta cyfluthrin 10.5% SC	House Hold category	NR	461
12.	M/s Crystal Crop Protection Ltd.	Emamectin benzoate 1.5% + Fipronil 3.5% SC	Cotton	54	462
13.	M/s Crystal Crop Protection Ltd.		Brinjal	17	
14.	M/s Bayer CropScience Ltd		Maize	45	
15.	M/s Gharda Chemicals Pvt. Ltd		Soyabean	20	
16.	M/s Best Crop Science Ltd.	Chlorantraniliprole 4.3% + Abamectin 1.7% SC	Tomato	20	462
17.	M/s Sumitomo India Ltd	Flupyradifluron 17.09% SL	Apple	30	462
18.	M/s Gharda Chemicals Ltd.,	Chlorpyriphos 50% + Cypermethrin 5% EC	Groundnut	35	462
19.	M/s Bayer CropScience Ltd		Soyabean	22	
20.	M/s Bayer CropScience Ltd	Pyriproxyfen 8% + Dinotefuran 18% SC	Chilli	5	462
21.	M/s Sumitomo Chemicals India Ltd	Profenofos 40% + Fenpyroximate 2.5% EC	Cotton	17	462
22.	M/s Bayer CropScience Ltd	Flubendiamide 19.92% + Thiaclorpid 19.92% SC	Maize	30	462
			Red Gram	21	
			Tomato	5	463
			Tomato	5	463
			Rice	58	463
			Tea	7	463

Annexure-8

List of molecules for Inclusion in the Schedule to the Insecticides Act, 1968

A: Deferred Applications:

Sl. No.	Application No./ Name of the Applicant	CAS No/ Common Name / IUPAC Name	Decision of earlier CIB meeting	Final Remarks
1.	INC-10038 Cropnosys India Pvt. Ltd.	ammonium ethyl carbamoylphosphonate	Deferred in 67 th CIB meeting. The applicant needs to justify the intent of inclusion and use of the molecule	Deferred for want of more information. The applicant to be asked for a presentation to be given to the Secretariat.
2.	INC-10051 Telluris Biotech India Private Limited	2-Thiochalcone	Deferred in 67 th CIB meeting for the want of more information and sufficient toxicological data	Deferred, inputs to be sought from ICAR.
3.	INC-10039 Telluris Biotech India Private Limited	2,4-Dichloro Chalcone	Deferred in 67 th CIB meeting for the want of more information and sufficient toxicological data	Deferred, inputs to be sought from ICAR.
4.	INC-10069 Kay Bee Bio-Organics Private Limited	2-Undecanone	Deferred in 67 th CIB meeting for the want of more information on other ingredients present in the extract, including its use in food or elsewhere.	Approved.
5.	INC-10050 Kay Bee Bio-Organics Private Limited	Essential oils and oleoresins from <i>Curcuma longa</i>	Deferred in 67 th CIB meeting for the want of more information on other ingredients present in the extract, including its use in food or elsewhere.	Rejected.
6.	INC-10074 Kay Bee Bio-Organics Private Limited	Chavibetol	Deferred in 67 th CIB meeting for the want of more information on other ingredients present in the extract, including its use in food or elsewhere.	Approved.
7.	INC-10073 Kay Bee Bio-Organics Private Limited	p-Cymene	Deferred in 67 th CIB meeting for the want of more information on other ingredients present in the extract, including its use in food or elsewhere.	Approved.

8.	INC-10072 Kay Bee Bio-Organics Private Limited	Palmitic Acid	Deferred in 67 th CIB meeting for the want of more information on other ingredients present in the extract, including its use in food or elsewhere.	Rejected.
9.	INC-10071 Kay Bee Bio-Organics Private Limited	Berberine	Deferred in 67 th CIB meeting for the want of more information on other ingredients present in the extract, including its use in food or elsewhere.	Rejected.
10.	INC-10070 Kay Bee Bio-Organics Private Limited	Quaternary isoquinoline alkaloids	Deferred in 67 th CIB meeting for the want of more information on other ingredients present in the extract, including its use in food or elsewhere.	Approved.
11.	INC-10078 Kay Bee Bio-Organics Private Limited	Ellagic acid	Deferred in 67 th CIB meeting for the want of more information on other ingredients present in the extract, including its use in food or elsewhere.	Approved.
12.	INC-10077 Kay Bee Bio-Organics Private Limited	Thymoquinone	Deferred in 67 th CIB meeting for the want of more information on other ingredients present in the extract, including its use in food or elsewhere.	Approved.
13.	INC-10064 Zytex Biotech Private Limites	<i>Bacillus paralicheniformis</i> strain ZB-M5	As per the Deficiency Replied by applicant on 20.02.25, the product will be manufactured indigenously from rhizosphere soil.	Referred to the Subcommittee for further examination.
14.	INC-10079 Kay Bee Bio-Organics Private Limited	MENTHOL	Deferred in 67 th CIB meeting for the want of more information on other ingredients present in the extract, including its use in food or elsewhere.	Deferred, an open house with ICAR and stakeholders involved in manufacturing of such products and the pharmaceutical and biopesticide industry to be conducted to discuss on the inclusion.
15.	INC-10066 Kay Bee Bio-Organics Private Limited	Beta Asarone	Deferred in 67 th CIB meeting for the want of more information on other ingredients present in the extract, including its use in food or elsewhere.	Rejected.

16.	INC-10067 Kay Bee Bio-Organics Private Limited	CAPSAICIN	Deferred in 67 th CIB meeting for the want of more information on other ingredients present in the extract, including its use in food or elsewhere.	Rejected.
17.	INC-10090 Kay Bee Bio-Organics Private Limited	Rosemary Oil	Deferred in 67 th CIB meeting for the want of more information on other ingredients present in the extract, including its use in food or elsewhere.	Deferred, an open house with ICAR and stakeholders involved in manufacturing of such products and the pharmaceutical and biopesticide industry to be conducted to discuss on the inclusion.
18.	INC-10068 Kay Bee Bio-Organics Private Limited	GINGEROI.	Deferred in 67 th CIB meeting for the want of more information on other ingredients present in the extract, including its use in food or elsewhere.	Deferred, an open house with ICAR and stakeholders involved in manufacturing of such products and the pharmaceutical and biopesticide industry to be conducted to discuss on the inclusion.
19.	INC-10125 Cropnosys India Pvt. Ltd.	Butroxydim	Referred in 67 th CIB meeting to the Subcommittee for further examination the eligibility of inclusion	The subcommittee did not agree to the inclusion of Butroxydim in the Insecticide Schedule. Rejected. Application to be closed.
20.	INC-10013 CEDGE Technologies Pvt Ltd	fd	Dummy Application.	Application to be closed.
21.	INC-10024 Hikal Limited	Tebuflouquin	Deferred in 64th CIB meeting. Complete information regarding the Toxicity of the molecule is required.	Deficiency reply regarding submission of complete information regarding the Toxicity of the

				molecule awaited from applicant since 23.10.2023 Application to be closed.
22.	INC-10063 Syngenta Biosciences Pvt. Ltd	SYN551769 SC (200)	Applied in wrong category.	Application to be closed.
23.	INC-10061 TELLURIS BIOTECH INDIA PRIVATE LIMITED	Peptide 12a	Referred in 66 th CIB meeting to the Subcommittee, for further examination	Subcommittee rejected the application as genetically engineered peptides are not permitted under the current regulatory framework. Application to be closed.
24.	INC-10080 Sea6 Energy Private Limited	Xanthomonas phage	Referred in 67 th CIB meeting to the Subcommittee, for further examination for the eligibility of inclusion	Subcommittee recommended its inclusion in the Insecticide Schedule, subject to the submission of data on stability studies, eye and skin irritation, and genetic characterization.
25.	INC-10049 Kay Bee Bio- Organics Private Limited	Parthenin	Referred in 65 th CIB meeting to the Sub-Committee	Subcommittee rejected the application as it was observed that the alkaloids present in Parthenin exhibit high toxicity to humans and animal, rendering them unsuitable for consideration.

				Application to be closed.
26.	INC-10048 Kay Bee Bio-Organics Private Limited	Essential oils & oleoresin from <i>Ferula Asafoetida</i>	Deferred in 67 th CIB meeting for the want of more information on other ingredients present in the extract, including its use in food or elsewhere.	Rejected.
27.	INC-10047 Kay Bee Bio-Organics Private Limited	Ipomoea	Referred in 65 th CIB meeting to the Sub-Committee	Subcommittee rejected the application as it was observed that the alkaloids present in Ipomoea exhibit high toxicity to humans and animal, rendering them unsuitable for consideration. Application to be closed.
28.	INC-10060 Telluris Biotech India Private Limited	Peptide 3a	Referred in 66 th CIB meeting to the Subcommittee, for further examination.	Subcommittee rejected the application as genetically engineered peptides are not permitted under the current regulatory framework. Application to be closed.
29.	INC-10065 ADAMA India Pvt. Ltd.	SUCROGLYCERIDES	Referred in 66 th CIB meeting to the Subcommittee, for further examination	Subcommittee observed that Sucroglycerides do not meet the criteria for classification as pesticides, and therefore, were not recommended for inclusion. Application to be closed.

30.	Boric oxide Orthoboric, anyhdrous Boric acid (boron oxide) as well as Boric Oxide, Diboron Trioxide, Boron Trioxide, Hydrated Boric acid, and its various use form technical grade, SQ Grade, Explosive Grade, crystalline/powde r, granular, flakes.	Oxides of boron; boric acids		Approved, in alignment with the decision of RC taken in its 462 nd meeting vide agenda item no.10.38
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B: New Applications:

S. No.	Application No./ Name of the Applicant	CAS No/ Common Name / IUPAC Name	Bio-efficacy	Toxicity	Remarks/Decision of the CIB
1	INC-10134 P I Industries Ltd	Fenoxasulfone 3-[(2,5-dichloro-4-ethoxyphenyl)methanesulfonyl]-5,5-dimethyl-4,5-dihydro-1,2-oxazole	It is a herbicide	Acute Oral Toxicity Rat: LD50 >2000 mg/kg body weight: Acute Dermal Toxicity Rat: LD50 >2000 mg/kg body weight Inhalation Toxicity Rat LC50: LC50> 5.6 mg/L; Dermal Irritation Rabbit: Not -Irritant ; Eye Irritation Rabbit: Mild-Irritant; Skin sensitization Guinea Pig: Category 1; Fish Acute LC50: <0.275 mg/L (96 hr) ;Daphnia acute EC50: >0.302 mg/L (48 hr) ;Alga acute EC50: =0.937 µg/L (72hr)	Approved.
2	INC-10135 BIOPESTI PHAGE	Microbial Biopesticide			Subcommittee in its meeting dated

	HINDUSTAN PRIVATE LIMITED				01.04.2025 did not recommend the inclusion of such molecules to the Insecticide Schedule. Rejected.
3	INC-10136 TStanes and Company Limited,	Dihydro-p-coumaric acid	Broad spectrum plant Extract Studies reported that the Dihydro-p-coumaric acid extracted from <i>Tithonia diversifolia</i> is considered as bio-fumigant and also reported that they are effective against key stored grain insect pests and mainly inhibit the AChE inhibitors.	As per the literature submissions by the applicant, Dihydro-p-coumaric acid can be regarded as safe in both acute and sub-acute toxicity assay in both male and female mice. The toxicity studies indicate that Dihydro-p-coumaric acid can be used as a viable alternative to synthetic pesticides.	Referred to the Subcommittee for further examination.
4	INC-10137 Mahindra Summit Agri Science Limited	Timorex Pro (Tea Tree Oil 26.4% EC) Plant Extract Tea Tree oil from <i>Melaleuca alternifolia</i>	It is an Antifungal product.	ACUTE TOXICITY LD50 oral rats: Male: >2000 mg/kg ; Acute Dermal LD50 for rats: >2000 mg/kg ; Inhalation LC50 (4hr Rats: >3 mg/L/4h) ; ECOTOXICOLOGY No residues detected in soil, air and water ; Non-toxic to bees and birds. Non-toxic to beneficial arthropods. Toxic to aquatic organisms but doesn't cause long-term adverse effects.	Approved.
5	INC-10138	Orange oil containing d-	Studies reported that	Orange oil tested at 8% in petrolatum produced no	Referred to the Subcommittee

	Kay Bee Bio-Organics Private Limited	limonene extracted from <i>Citrus sinensis</i> peel extract	the D-limonene is an important constituent of citrus fruits, such as oranges and lemons, and can be extracted as a natural essential oil for controlling the agricultural pests because of its antifungal and insecticidal activities	irritation after a 48-hr closed-patch test in 21 human subjects, and a patch test using orange oil full strength for 24 hr produced no reactions in 25 subjects. A maximization test was carried out on 21 volunteers. Orange oil was tested at a concentration of 8% in petrolatum and produced no sensitization reactions. Orange oil is registered for pesticide use in the USA but approved pesticide uses may change periodically. It is used for flavoring of beverages and confectioneries, perfuming eaux de cologne, soap, and household products. Applied to the skin for fungal infections such as ringworm and athlete's foot.	for further examination.
6	INC-10139 RGP CROP SCIENCE S	hexa	There is no Bioefficacy information.	No supporting data submitted	Application to be closed.
7	INC-10140 Bayer CropScience Limited	Icafolin	Possesses herbicidal activity	a. Acute oral rat: LD50 (>2000 mg/kg ; b. Acute inhalation rat: LC50 > 5.06 mg/l ; c. Acute dermal rat: LD50 (>2000 mg/kg) ; d. Skin irritation rabbit: Not skin irritating ; e. Eye irritation rabbit: Slight irritating f. Sensitization Guinea pig: Non-Sensitizing Source: Icafolin-methyl (BCS-CZ37679)	Approved.
8	INC-10141 BASF INDIA LIMITED	Metyltetraprole CAS No.: 1472649-01-6	Metyltetraprole belongs to the Qo1 (Quinone outside	a. Acute Oral Rat LD50 >2000 mg/kg bw ; b. Acute Inhalation Rat LC50 >2.52 mg/l. air/4h ;c. Acute Dermal Rat LD50 >2000	Approved.

		IUPAC Name: Metyltetraprole /1-[2-({[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy}methyl)-3-methylphenyl]-4-methyl-1,4-dihydro-5H-tetrazol-5-one (fungicide)	Inhibitor) fungicides: It inhibits the fungal respiration by acting on the cytochrome bc1 complex in the mitochondria. Unlike existing Qo1s, Metyltetraprole is effective against the strains bearing the G143A mutations of various fungi. As of today, it is not cross resistant with any existing fungicides. This unique biological feature can be explained by its specific chemical structure (tetrazolyl part). Therefore, Metyltetraprole belongs to a new chemical group III A within the Qo1 fungicides: the tetrazolinones group.	mg/kg bw ; d. Skin irritation Rabbits: No skin irritating potential e. e. Eye irritation Rabbits: Minimally irritating f. Skin sensitization: Non sensitizing (Maximization) Source: The Pesticide Manual, A World Compendium, BCPC, Twentieth Edition, https://www.bcpc.org/product/pesticide-manual-20thedition Ecotox: a. Acute Bird (Quail) LD50 >2250 mg/kg bw; b. Fish (Carp) LC50 >0.15 mg a.i./L c. Honeybee Acute oral: D50 (48 h) >109.3 µg a.i./bee; d. Acute contact: LD50 (48 h) > 100 µg a.i./bee	
9	INC-10142 P I Industries Ltd	Harpin Alpha Beta Protein	Harpin αβ protein consists of a combination of	Acute Oral Toxicity – Rat: LD50> 5050 mg/kg body weight. Toxicity category IV	Deferred. inputs to be taken from DBT for

			four harpin protein fragments derived from three naturally occurring bacteria: (1) harpin N from <i>Erwinia amylovora</i> , (2) harpinW from <i>Erwinia amylovora</i> , (3) popA from <i>Ralstonia solanacearum</i> and (4) harpinZ from <i>Pseudomonas syringae</i> .	Acute Dermal Toxicity -- Rabbit: LD50> 5050 mg/kg body weight. Toxicity category IV; Inhalation Toxicity in Rat: LC50> 0.832mg/L. Toxicity category III: LC50> 0.832mg/L. Toxicity category III. Skin Irritation (Rabbit): Not – Irritant ; Eye Irritation (Rabbit): Non-Irritant; Skin sensitization: Not available Fish Acute: LC50> 3270 mg Messenger /L ; Acute contact toxicity to Honey bee: LD50 > 13 ug harpin $\alpha\beta$ /bee. : Acute avian Toxicity: LD50 > 2,250 mg/kg harpin/kg body weight	further examination.
10	INC-10132 JU AGRI SCIENCES PRIVATE LIMITED	Orange containing Limocide oil (4R)-1-methyl-4-(1-methylethyl)cyclohexene	Studies reported that the orange oil contains fumigant and contact toxicity against stored grain insect pests especially maize weevil and red flour beetle. Studies reported that this affects the permeability of the exoskeleton of insects and mites	Applicant is required to submit detailed toxicity data/published information on the product applied. The submitted information are insufficient and not in order to take an appropriate decision. Hence, need to further submit following data/information with sources: 1. Acute tox data (oral, dermal, inhalation, skin sensitization, dermal irritation, eye irritation with respect to LD50/LC50). 2. Sub-chronic toxicity study/published information up to 90 days' oral exposure with respect to NOAEL. 3. Carcinogenicity and chronic toxicity studies up to 24-month exposure in rat/mice and IARC category of product. 4. Developmental/teratogenicity studies/ published informations in	Referred to the Subcommittee for further examination.

				rat/rabbit with respect to NOAEL.5.Mutagenicity and Neurotoxicity studies/ published informations, if any .6. Ecotoxicity studies /published information (avian, fish, alga, daphnia, earthworm, honeybees, with respect to LD50/LC50). 7.studies/published informations on metabolism and toxicity profile of metabolites, if any, also submit information on mechanism of toxicity?	
11	INC-10133 UPL Limited	Cyproflanilide	Cyproflanilide is a new <i>meta</i> -diamide insecticide and targets the γ -aminobutyric acid receptor (GABAR) of insect pests by a novel mechanism of action and studies reported that this Cyproflanilide is effective against lepidopteran insects.	Acute Oral LD50: >5000 mg/Kg Ref. Suzhou Study No: P2017001B011, Acute Dermal LD50: >5000 mg/Kg ; Ref. Suzhou Study No: P2017001B021, Acute Inhalation LC50: >5000 mg/m ³ Ref. Suzhou Study No: P2017001B031, Skin irritation Rabbit: Non-irritant. Ref. Suzhou Study No: P2017001E041; Eye irritation Rabbit: Non-irritant ; Ref. Suzhou Study No: P2017001E051; Short term sensitizing effects Guinea pig: Weak sensitizer	Approved.


 डॉ. सुनीता शर्मा
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