

MINUTES OF THE 62nd MEETING OF THE CENTRAL INSECTICIDES BOARD (CIB) HELD ON 09.05.2022 AT 1400 HRS THROUGH VIDEO CONFERENCING.

The 62nd meeting of the Central Insecticides Board was held on 09.05.2022 at 1400 hrs onwards through video conferencing under the Chairmanship of Prof. (Dr.) Atul Goel, Director General of Health Services(DGHS), Ministry of Health & Family Welfare and the Chairman, CIB. The list of the participants is at **Annexure-I**.

The Chairman welcomed the participants. After a formal introduction by the participants, the Chairman asked Secretary CIB&RC to present the agenda of the meeting. After detailed deliberation on each issue, the following decisions were taken:

Agenda item No.1: Confirmation of minutes of 61st meeting of CIB held on 11.11.2021

The Board confirmed minutes of the 61st meeting of CIB and with regards to include prescribed safety and health standards and Standard Operating Procedures (SOP) for handling, storage, manipulation and use of insecticides, decided to form a Sub-committee under the Chairmanship of Directorate General of Factory Advice Services and Labour Institutes, to finalize the draft proposal within a month, for examination and consideration by the Board.

Agenda item No. 2: Follow-up action on the decision of the 61st Meeting of the CIB

The Board noted the follow-up action on the decisions of the 61st meeting with satisfaction and appreciated the efforts made to complete the action in a time-bound manner. (**Annexure-II**)

Agenda item No. 3.1: Progress report of the Registration Committee

Secretary (CIB&RC) apprised the progress made by the Registration Committee (RC) since the last Board Meeting, including the new & already registered chemical pesticide formulations approved/ registered by the RC u/s 9(3) (**Annexure-III &IV**) and Bio-pesticides (**Annexure-V**). The Board noted the progress made by the RC in registering the new and safer formulations of pesticides and also the progress of the Registration Committee during the stipulated period with satisfaction and appreciated the efforts made by the Secretariat of CIB&RC for issuing 24984 certificates in the year 2021-22, and reducing the pendency to great extent.

Agenda item No. 3.2: Progress Report of Central Insecticides Laboratory (CIL)

The Board noted the progress of the CIL with satisfaction.

Agenda item No. 3.3: Progress Report of Techno-Legal Cell (TLC) and Regional Pesticide Testing Laboratories ((RPTLs)

The Board noted the progress of the Techno-legal Cell with satisfaction. It was also discussed that details of spurious pesticides should be given out of the misbranded samples. In this regard it was clarified that as per the Insecticides Act 1968, misbranding include spurious

also. That's why reporting is done under misbranding samples. The Board further directed the TLC to collect all data on spurious and misbranded samples including the quality control statistics from all State/ UTs.

Agenda item No.4: Major achievements of Secretariat of CIB&RC during the period from 01.11.2021 to 30.04.2022

The Board noted with satisfaction the major achievements of the Secretariat of CIB&RC during the period from 01.11.2021 to 30.04.2022 and appreciated the special efforts made to reduce pendency and further simplifying the guidelines for registration under ease of doing business.

Agenda item No. 5: 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 Insecticides Act, 1968. (Annexure-VI).

Agenda item No. 6: Consideration of cases of application for enhancement of shelf-life registered u/s 9(3) & 9(4) of the Insecticides Act, 1968

The Board noted the progress made by the CIB&RC enhancement of shelf-life registered u/s 9(3) & 9(4) of the Insecticides Act, 1968. (Annexure-VII)

Agenda item No. 7: Import permits issued for Multiuse/Dual-use Pesticides (for Non-Insecticidal purpose)

The Board members were apprised about the details of the import permits issued during the period from 01.11.2021 to 30.04.2022 under the category. The Board noted the information. (Annexure-VIII)

Agenda item No. 8: Waiting period/ pre-harvest interval between application of the pesticides and harvest in respect of various commodities in case of new formulations registered under section 9(3) & label expansion of already registered formulations

The Board noted the progress made by the CIB&RC on waiting for 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. (Annexure-IX)

Agenda item No. 9: Consideration of interim approval for application of already approved pesticide formulation through drone-reg.

The Board deliberated the agenda in detail and endorsed the interim approval of 475 numbers of already registered pesticide formulation for application through drone as communicated by the Department (DA&FW) vide letter dated 18.04.2022, with F. No.13035/07/2022-PP-I (e 110885). The Board also noted that the interim approval is for two years' time for facilitating data generation and once the interim approval period is over, the approved system for use of drone shall be replaced with the decision of the Board, as taken under Agenda item No. 10 of the 61st CIB meeting.

The Board further decided to constitute a committee under the chairmanship of Plant Protection Adviser (PPA); ADG (PP&B); One member each from two major pesticides associations; Head Department of Entomology, Punjab Agricultural University, Ludhiana; Head Department of Entomology/Plant Pathology, ANGRAU, Guntur; One Toxicologist and Entomology expert from Secretariat of CIB&RC as Member-Secretary to review the provisions of Aerial Spraying Operations in context of Drone based pesticides applications on the following Term of Reference:

1. Examination of Data generated on drone spraying.
2. Difference between aerial spraying and drone spraying.
3. Suggest amendments in the Insecticide Rule, 1971 for drone spraying.

The committee may submit its report within 6 months.

Agenda item No.10: Consideration of Notification issued by Ministry of Agriculture and Farmers Welfare.

The Board deliberated the Gazette Notification S.O 153 (E) dated 12.01.2022 (Inclusion of 4 molecules in Schedule to the Insecticides Act), G.S.R 39 (E) dated 24.01.2022 (Insecticides Amendment Rules, 2022) and S.O 1890 (E) dated 19.04.2022 (Inclusion of 10 molecules in Schedule to the Insecticides Act) published by the Department of Agriculture Cooperation and Farmers Welfare, Ministry of Agriculture and Farmers Welfare and agreed.

Agenda item No. 11: Follow up on agenda item no 7 of the 60th Board meeting: Re-notification of the complete list of Schedule to the Insecticides Act, 1968

The Secretary (CIB&RC) apprised the Board that during its 60th meeting of the Board it was decided to constitute a Sub-committee under the Chairpersonship of Dr. Anupama Singh, Principal Scientist & Head, Department of Agro-Chemicals, IARI to examine all suggestions/objections received as a result of the public notice dated 15.12.2020, on findings in the Schedule alongwith all other technical inputs necessary to harmonise the Schedule to the Insecticides Act, 1968, within three months, from the date of approval of the minutes. The Sub-committee, sought extension to complete its task in the last Board meeting, accordingly two months' time was granted in the 61st Board meeting.

Board noted that the report of the Sub-Committee is in final stage and the said report is further, required to be placed before the committee constituted under the Chairmanship of DG, ICAR. The Board deliberated the agenda in detail and on request of the Sub-committee, granted extension of three months for finalizing and submitting its report in the next Board meeting.

Agenda item No.12: Consideration of proposals for Inclusion of New Molecules/substances in the Schedule to the Insecticides Act, 1968.

The Board deliberated the agenda in details and decided to include 3 molecules in the Schedule to the Insecticides Act, 1968. The list is annexed at (**Annexure X**).

Agenda item No.13: Any other item with the permission of the Chair

No other point was raised by the members.

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

Annexure-I

List of Participants of 62nd meeting of the Central Insecticides Board

Board Members

1. Prof. (Dr.) Atul Goel, Director-General of Health Services, [Chairman, CIB]
2. Dr. S. P. Shani, DDCI, on behalf of Drugs Controller General of India
3. Dr. S. K. Malhotra, Chairman, Registration Committee
4. Dr. Ravi Prakash, Plant Protection Adviser, Directorate of Plant Protection, Quarantine and Storage
5. Dr. J.P. Singh, APPA & Secretary (CIB&RC), Directorate of Plant Protection, Quarantine and Storage, NH-IV, Faridabad.
6. Mr. BN Jha, Director Safety on behalf of Director General, Directorate General of Factory Advice Services and Labour Institutes
7. Dr. Himmat Singh on behalf of, Director General of Indian Council of Medical Research (ICMR)
8. Dr.Suneeti Toteja, Head, FAD,BIS on behalf of DG, Bureau of Indian Standards
9. Dr. Pushp Vanam, Joint Director, on behalf of CEO, FSSAI
10. Dr. S.C. Dubey, ADG(PP), ICAR, New Delhi
11. Mr. B M Sahare , ADA on behalf of Director of Agriculture, Madhya Pradesh
12. Sh. D.K. Behera, Director of Agriculture & Farmers' Welfare, Haryana
13. Shri Varun Singh Poonia, Deputy Industrial advisor, Ministry of Chemicals and Petrochemical, New Delhi
14. Dr.Vishal Choudhary, Deputy Industrial Advisor (Chemicals), Ministry of Chemicals and Petrochemical, New Delhi
15. Dr. Veerendra Pratap Upadhyaya, Ecologist

List of Experts from the Secretariat of CIB&RC

1. Dr. Vandana Seth, JD (Chem)
2. Sh. Subhash Chand, JD (Chem)
3. Sh. Hari Om Miglani, Sr.L.O.
4. Sh. Govind Ram, Sr.A.O.
5. Sh. A. K. Reddy, DD(WS)
6. Dr. K. L. Gurjar, DD(PP)
7. Dr. Sneha Potdar, DD (Chem)
8. Dr. Brijesh Tripathi, DD (Chem)
9. Dr. Sonai Rajan, AD(PP)
10. Ms. Raunaq, AD(Chem)
11. Dr. Rajendra Singh, DD(PP)
12. Sh. A D Bhatt, PPO(Chem.)
13. Sh. J K Meena, S.O.
14. Dr. S. K. Jain, Sr. Consultant (Medical Tox.)

Annexure-II**Follow-up /Action taken report on 61st CIB meeting:**

The 61st meeting of the Central Insecticides Board (CIB) was held on 11.11.2021 at 1500 hrs onwards through video conferencing under the Chairmanship of Prof. (Dr.) Sunil Kumar, Director General of Health Services (DGHS), Ministry of Health & Family Welfare.

The Chairperson welcomed the participants. After a formal introduction of the participants, Chairperson requested the Secretary CIB&RC to present the agenda. After detailed deliberation on each issue, the following decisions were taken.

S. No.	Subject	Decision	Action taken
Agenda Item No. 1	Confirmation of minutes of 60 th meeting of CIB held on 11.05.2021	The Board confirmed minutes of the 60 th meeting of CIB and noted the point raised by the representative from Directorate General of Factory Advice Services and Labour Institutes, with regards to include prescribed safety and health standards and Standard Operating Procedures (SOP) for handling, storage, manipulation and use of insecticides, it was decided that an exhaustive proposal may be submitted by the proposer, for examination and consideration by the Board in its next meeting.	No proposal is received so far from the Directorate General of Factory Advice Services and Labour Institutes.
Agenda Item No. 2	Follow-up action on the decision of 60 th Meeting of the CIB	The Board noted the follow-up action on the decisions of the 60 th meeting with satisfaction and appreciated the efforts made to complete the action in a time-bound manner.	No Action Required
Agenda Item No. 3.1	Progress report of the registration committee	Secretary (CIB&RC) apprised the progress made by the Registration Committee since the last Board Meeting,	No Action Required

		including the new & already registered chemical pesticide formulations approved/registered by the RC u/s 9(3) and Bio-pesticides. The Board noted the progress made by the RC in registering the new and safer formulations of pesticides and also the progress of the Registration Committee during the stipulated period with satisfaction and appreciated the efforts made by the Secretariat of CIB&RC for reducing the pendency and conducting a special drive to make the registration system mandatorily online i.e. Computerised Registration of Pesticides (CROP).	
Agenda Item No. 3.2	Progress Report of Central Insecticides Laboratory (CIL)	The Board noted the progress of the CIL with satisfaction.	No Action Required
Agenda Item No. 3.3	Progress Report of Techno-Legal Cell (TLC) and Regional Pesticide Testing Laboratories ((RPTLs)	The Board appreciated the efforts made in the launching of the prosecution under the Insecticides Act, 1968 against the defaulters. However, it was felt that more efforts should be made for more conviction out of the prosecution launched. The Board further felt that effort should be made to have full time regular Central Insecticide Inspectors, instead of assigning the additional work to already overloaded officers. A communication to this effect may be sent to Techno-legal Cell, DPPQS.	No Action Required

Agenda Item No. 4	Major achievements of Secretariat of CIB&RC during the period from 01.05.2021 to 31.10.2021	The Board noted with satisfaction the major achievements of the Secretariat of CIB&RC during the period from 01.05.2021 to 31.10.2021 and appreciated the special efforts made to reduce pendency and further simplifying the guidelines for registration under ease of doing business.	No Action Required
Agenda Item No. 5	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 Insecticides Act, 1968.	No Action Required
Agenda Item No. 6	Follow up on agenda item no 7 of the 60 th Board meeting: Renotification of the complete list of Schedule to the Insecticides Act, 1968.	The Secretary (CIB&RC) apprised the Board that this issue was deliberated in the 59 th CIB meeting vide agenda item no. 10.0 and as directed by the Board, a public notice no 3-1/2020-CIR-II was issued on 15.12.2020, seeking suggestions/objections from the stakeholders within 30 days. Consequently the suggestions from various stakeholders were received. The Board in its 60th meeting decided to constitute a Subcommittee under the Chairpersonship of Dr. Anupama Singh, Principal Scientist &Head, Department of Agro-Chemicals, IARI to examine all suggestions/objections received as a result of the public notice dated 15.12.2020, on findings in the Schedule along with all other technical inputs necessary to	The report of the Subcommittee is awaited.

		harmonise the Schedule to the Insecticides Act, 1968, within three months, from the date of approval of the minutes. The Board deliberated the agenda in detail and on request of the Sub-committee, granted extension of two months for finalizing and submitting its report in the next Board meeting.	
Agenda Item No. 7	Consideration of cases of application for enhancement of shelf-life registered u/s 9(3) & 9(4) of the Insecticides Act, 1968	The Board noted the progress made by the CIB&RC enhancement of shelf-life registered u/s 9(3)& 9(4) of the Insecticides Act,1968.	No Action Required
Agenda Item No. 8	Import permits issued for Multiuse/Dual-use Pesticides (for Non-Insecticidal purpose)	The Board members were apprised about the details of the import permits issued during the period from 01.05.2021 to 31.10.2021 under the category. The Board noted the information.	No Action Required
Agenda Item No. 9	Waiting period/ pre-harvest interval between application of the pesticides and harvest in respect of various commodities in case of new formulations registered under section 9(3) & label expansion of already registered formulations	The Board noted the progress made by the CIB&RC on waiting for 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.	No Action Required
Agenda Item No. 10	Draft SOP for use of Drone application of pesticide for crop protection (small, marginal and organized sector) in agriculture, forestry, non-cropped areas-reg.	The Board deliberated the agenda in detail and endorsed the Standard Operating Procedure (SOP) for use of Drone application with pesticides for crop protection in agricultural, forestry, non-cropped areas, etc. annexed	Based on the request made by various Pesticides Industry Association, a proposal was sent to DA&FW for facilitating an interim approval on use of already

		<p>herewith. It also recognised the development made in reaching the present shape of the SOP prepared by the committee constituted under the chairmanship of Plant Protection Adviser (PPA) vis-a-vis the copy of Draft SOP in order forwarded by the Department (DA&FW) vide letter dated 21.06.2021, with F. No. 3035103/2021 (e 91885), to take the view of registration committee (RC)/ Central Insecticide Board (CIB). The board also endorsed the guidelines approved by the RC for use of Drone in application of pesticide for crop protection (small, marginal and organized sector) in agriculture, forestry, non-cropped areas.</p> <p>It also observed that presently the country has limited experience and fewer amounts of scientific studies and data support towards use of Drone application of pesticide for crop protection. However, Board observed that in recent years, use of drone in agriculture has gained prominence and some states are actively engaged in checking the suitability of this new technology in Indian agriculture. Application of pesticides using drones has a great potential as important move towards achieving precision in agricultural</p>	<p>approved pesticides formulation through drone which has been approved by DA&FW vide letter dated 18.04.2022.</p>
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		<p>production.</p> <p>Drones are going to play an important role for increasing efficiency on use of crop protection using chemicals/ botanicals/ bio pesticides etc, by reducing manpower requirement, reducing time duration of application, reducing volume of water, quantity of chemicals/ bio-pesticides etc. and reducing exposure to human being to hazardous chemicals. Therefore, to facilitate the use of Drone technology in Agriculture etc. in-line with the Government policy and thrust for increasing the use of Drone in different sectors including Agriculture, the Board has agreed to the following:</p> <ol style="list-style-type: none"> 1. Approved the use of pesticides with only Director General Civil Aviation (DGCA) certified drone for use in agriculture, forestry and non-cropped areas based upon broader guidance under the Department of Agriculture & Farmers Welfare (DA&FW) approved SOP and Registration Committee (RC) approved guidelines and procedure prescribing Registration requirements of pesticides for drone application in agriculture, forestry and non-cropped area under the Insecticides Act, 1968 and the Insecticide Rules 1971. 	
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		<p>2. Approved for constitution of a technical committee under the Chairmanship of PPA, DPPQ&S, and other members including from ICAR, ICMR (for public health), IPM Division/ CIB&RC of DPPQ&S or any other experts whose services may deem appropriate to the Chairman towards use of Drone. This committee shall examine the proposals submitted by the applicants in a time bound manner for use of drones for pesticides application in agriculture, forestry and non-cropped area as per the RC approved guidelines and procedures for using approved pesticides with Drone for its consideration /approval/or otherwise before carrying out the pesticides application with drone. The committee shall be responsible to apprise to the Board, the periodical findings/ approval granted to the applicants for considering of ex-post facto approval of the Board.</p> <p>3. Board also agreed to the proposal of the RC that each applicant wish to generate data, for seeking registration for drone-based application of pesticides and their endorsement (label expansion); shall intimate about proposed data generation to the Secretariat of CIB&RC in advance.</p>	
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		Those who have already started data generation as on date, shall intimate to the Secretariat of CIB&RC with in 30 days of uploading of the minutes following in RC approved procedure/ form etc.	
Agenda Item No. 11	Consideration of Notification issued by Ministry of Agriculture and Farmers Welfare.	The Board deliberated the Gazette Notification GSR 620 (E) dated 03.09.2021 Insecticides (Amendment) Rules 2021, published during May- October 2021, issued by the Department of Agriculture and Farmers Welfare, Ministry of Agriculture and Farmers Welfare and agreed.	No Action Required
Agenda Item No. 12	Consideration of proposals for Inclusion of New Molecules/substances in the Schedule to the Insecticides Act, 1968.	The Board deliberated the agenda in details and decided to include 10 molecules in the Schedule to The Insecticides Act, 1968. The Board further decided that any such proposal for Inclusion of New Molecules/substances in the Schedule to the Insecticides Act, 1968, henceforth shall be examined by a subcommittee consisting of experts from Chemistry, Bio-efficacy and Medical Toxicology prior to placing the agenda before the CIB.	The recommendation of the Board was communicated to the Department of Agriculture & Farmer's Welfare. The recommended substances were included in Schedule to the IA 1968 vide S.O. 1890(E) dated 19 th April 2022.
Agenda Item No. 13	Any other item with the permission of the Chair	No other point was raised by the members. The meeting ended with a vote of thanks to the Chair.	No Action Required

Annexure-III**List of Pesticides and New Formulations Approved by the Registration Committee
Under Section 9(3) of the Insecticides Act, 1968**

Sl. No.	Name of Pesticides	Category	RC Number
1.	Fluxametamide technical 93.5% w/w min.	TI	434
2.	Fluxametamide 10% EC	FI	434
3.	Halosulfuron methyl 12% + Metribuzin 55% WG	FIM	434
4.	Sedaxane 12.61% + Azoxystrobin 3.15% + Thiamethoxam 22.06% FS	FI	434
5.	Indoxacarb 5% + Fipronil 5% SC	FIM	434
6.	Benzpyrimoxam 10% SC	FIM	434
7.	Flupyrimin technical 96% w/w min.	TI	434
8.	Topramezone 10 g/l + Atrazine 300 g/l SC	FIM	434
9.	2, 4-D sodium salt 44% + Metribuzin 35% + Pyrazosulfuron ethyl 1.0% WDG	FIM	434
10.	Oxyfluorfen 20% DF	FIM	434
11.	Flupyrimin 10% SC	FIM	434
12.	Fenazaquin 10% + Bifenthrin 4% EC	FIM	434
13.	Dinotefuran 15% + Pymetrozine 45% WG	FIM	434
14.	Thiophanate methyl 38% + Kasugamycin 2.23% SC	FIM	435
15.	Mefentrifluconazole technical 97% w/w min	TI	435
16.	Mefentrifluconazole 133 g/l + Fluxapyroxad 89 g/l + Pyraclostrobin 178 g/l SC	FI	435
17.	Difenconazole 10% + Mancozeb 50% WDG	FIM	435
18.	Gibberellic acid 0.45% SL	FIM	435
19.	Phenthoate 45% + Cypermethrin 6% EC	FIM	435
20.	Flupyrimin 2% GR	FIM	435
21.	Etofenprox 6% + Diafenthiuron 25% WG	FIM	436
22.	Halosulfuron methyl 5% + Atrazine 48% WG	FIM	436
23.	Valifenalate 6% + Mancozeb 60% WG	FIM	436
24.	Bifenthrin 8% + Clothianidin 10% SC	FIM	436

25.	Delatmethrin 25% WG	FI	436
26.	Cyclaniliprole technical 95% min	TIM	436
27.	Emamectin benzoate 1.5% + Profenofos 35% WDG	FIM	436
28.	Cyantraniliprole 16.9% + Lufenuron 16.9% SC	FIM	436
29.	Fipronil 5% + Buprofezin 20% SC	FIM	436
30.	Pyrifluquinazon technical 95% w/w min.	TI	436
31.	Pyrifluinazon 20% WG	FIM	436
32.	Kasugamycin 6% + Thiafluzamide 26% SC	FIM	436
33.	Broflanilide technical 98.7% w/w min.	TI	436
34.	Broflanilide 20% SC	FI	436
35.	Broflanilide 300 g/l SC	FI-WRT	436
36.	Clothianidin 3.5% + Pyriproxyfen 8% SE	FIM	437
37.	Sulfoxaflor 11.4% SC	FIM	437
38.	Fenpropathrin 10% EW	FIM	437
39.	Pyriproxyfen 10% EW	FIM	437
40.	Azoxysrobin 5.1% + Tebuconazole 9.1% + Prochloraz 18.2% EC	FIM	437
41.	Azoxysrobin 1.3% + Tebuconazole 0.22% + Thiamethoxam 25.9% FS	FIM	437
42.	Methoxyfenozide technical 97% w/w min.	TI	437
43.	Fenoxanil technical 95% w/w min.	TI	437
44.	Fenoxanil 5% + Isoprothiolane 30% EC	FIM	437
45.	Bifenthrin 8% + Clothianidin 10% SC	FIM	437
46.	Pendimethalin 40% + Metribuzin 8% EC	FIM	437
47.	Pyriproxyfen 8% + Dinotefuran 5% + Diafenthiuron 18% SC	FIM	437

Annexure-IV**List of Already Registered Pesticides and Formulations Approved by the Registration Committee Under Section 9(3) of the Insecticides Act, 1968**

Sl. No.	Name of Pesticides	Category	RC Number
1.	Tebuconazole 50% +Trifloxystrobin 25% WG	FIM Vs FI	434
2.	Imidacloprid technical 95% w/w min.	TI Vs TIM	434
3.	Chlorantraniliprole technical 93.00% w/w min.	TIM Vs TI	435
4.	Dinotefuran technical 97.00% w/w	TIM Vs FI- WRT	435
5.	Lambda cyhalothrin 9.7% w/w CS	FIM Vs FI	435
6.	Chlorfenpayr 10% SC	FIM Vs FI	436
7.	Ametryn 80% WG	FIM Vs FI	436
8.	Clothianidin technical 98% w/w min.	TI (New Source)	436
9.	Boscalid Technical 96% w/w min	TIM Vs FI- WRT	436
10.	Metalaxyl M Technical 95.30 w/w min.	TIM Vs TI	436
11.	Spiromesifen technical 96.50% min	TIM Vs TI	436
12.	Chlorpyriphos technical 97% w/w min	TI Vs TIM	436
13.	Bifenthrin technical 96% w/w min.	TI Vs TIM	436
14.	Spiromesifen Technical 96.50% w/w min.	TIM Vs TI	437
15.	Pyraclostrobin Technical 97.00% w/w min	TIM Vs TI	437
16.	Sulfoxaflor 21.8% SC	FIM Vs FI	437
17.	Clothianidin 50% WG	FIM Vs FI	437
18.	Halosufuron methyl 75% WDG	FIM Vs FI	437
19.	Chlorimuron ethyl technical 95% w/w min.	TI Vs TIM	437
20.	Propiconazole technical 95% w/w min.	TI Vs TIM	437
21.	Clothianidin technical 98% w/w min.	TI (New Source)	437

Annexure-V**List of New/Already Registered Bio-Pesticides Approved by the Registration Committee Under Section 9(3)/ 9(3b) of the Insecticides Act, 1968**

Sr. No.	Name of Bio-pesticide	Name of The Applicant	RC
1.	Beauveria bassiana 1.15% WP [strain : BB-ICAR-RJP, Accession No. MCC-1022]	M/s Star Herbal Agro solution Pvt. Ltd.	434
2.	Beauveria bassiana 1.15% WP [strain : BB-ICAR-RJP, Accession No. MCC-1022]	M/s Microbax (India) Ltd.,	434
3.	Beauveria bassiana 1.15% WP [strain : BB-ICAR-RJP, Accession No. MCC-1022]	M/s Ganesh Bio Control System,	434
4.	Verticillium lecanii 1.15% WP [strain : AS-MEGH-VI, Accession No. MCC No-1028]	M/s Star Herbal Agro Salutation Pvt. Ltd.,	434
5.	Trichoderma viride 1.5% WP [strain : IIHR-TV-5, Accession No. ITCC No. - 6889].	M/s Sri Bio Aesthetics Pvt. Ltd.,	434
6.	Pseudomonas fluorescence 1% WP [strain : IIHR-PF-2, Accession No. ITCC B0034]	M/s Greenlife Biotech Laboratory,	434
7.	Pseudomonas fluorescence 1% WP [strain : IIHR-PF-2, Accession No. ITCC B0034]	M/s Shri Tulsi Phosphate Ltd.,	434
8.	Beauveria bassiana 1.15% WP [strain : BB-ICAR-RJP, Accession No. MCC-1022]	M/s Agro Bio-Tech Research Centre Ltd.,	434
9.	Beauveria bassiana 1.15% WP [strain : BB-ICAR-RJP, Accession No. MCC-1022]	M/s Aviral Bio-Tech & Fertilizers Pvt.,	434
10.	Verticillium lecanii 1.15% WP [strain : AS-MEGH-VI, Accession No. MCC No-1028]	M/s Star Agro Bio Tech Research Centre Ltd.,	434
11.	Verticillium lecanii 1.15% WP [strain : AS-MEGH-VI, Accession No. MCC No-1028]	M/s Aviral Bio-Tech & Fertilizers Pvt.,	434
12.	Metarhizium anisopliae 1.0% WP [strain : IPL/KC/44, Accession No. ITCC 6895]	M/s Aviral Bio Tech & Fertilizers Pvt. Ltd.,	434
13.	Trichoderma harzianum 1.0% WP	M/s Agrinos India Pvt. Ltd.	435

	[Strain : IIHR Th-2, Accession No. ITCC – 6888]		
14.	Trichoderma viride 1.0% WP [Strain: TNAU TV-I, Accession No. ITCC – 6914]	M/s Curative Microbes Pvt. Ltd.,	435
15.	Trichoderma viride 1.0% WP [Strain: TNAU TV-I, Accession No. ITCC – 6914]	M/s Kiran Chemicals	435
16.	Trichoderma viride 1.5% WP [Strain : IIHR TV-5, Accession No. ITCC No. – 6889]	M/s Ashwathy Green Enterprise Pvt. Ltd.,	435
17.	Trichoderma viride 1.5% WP [Strain : IIHR TV-5, Accession No. ITCC No. – 6889]	M/s Prism Crop Science Pvt. Ltd.,	435
18.	Trichoderma viride 1.5% WP [Strain : IIHR TV-5, Accession No. ITCC No. – 6889]	M/s Balrampur Chini Mills Ltd.,	435
19.	Trichoderma viride 1.5% WP [Strain : IIHR TV-5, Accession No. ITCC No. – 6889]	M/s Shivshakti Bio Technology Ltd.	435
20.	Trichoderma viride 1.5% WP [Strain : IIHR TV-5, Accession No. ITCC No. – 6889]	M/s RCS Biotech Ltd.,	435
21.	Trichoderma viride 1.5% WP [Strain : IIHR TV-5, Accession No. ITCC No. – 6889]	M/s Agrinos India Pvt. Ltd.,	435
22.	Trichoderma viride 1.5% WP [Strain : IIHR TV-5, Accession No. ITCC No. – 6889]	M/s Orchid Crop Science	435
23.	Trichoderma viride 1.5% WP [Strain : IIHR TV-5, Accession No. ITCC No. – 6889]	M/s PSR Enterprise	435
24.	Metarhizium anisopliae 1.0% WP	M/s Aviral Bio Tech & Fertilizers Pvt. Ltd.,	436
25.	Trichoderma virens 1.0% WP [strain MTCC 794, Accession No. MTCC 11567]	M/s Embio Ltd.,	437
26.	Beauveria bassiana 1.15% WP [strain : BB-ICAR-RJP, Accession No. MCC-1022]	M/s Dewborn Agro Chemicals	437
27.	Beauveria bassiana 1.15% WP [strain : BB-ICAR-RJP, Accession No. MCC-1022]	M/s Krishi Vikas Sahakari Samiti Ltd.,	437

28.	Beauveria bassiana 1.15% WP [strain : BB-ICAR-RJP, Accession No. MCC-1022]	M/s Ami Agro Agency,	437
29.	Beauveria bassiana 1.15% WP [strain : BB-ICAR-RJP, Accession No. MCC-1022]	M/s Genique Bio Care Pvt. Ltd.,	437
30.	Trichoderma harzianum 1.0% WP [Strain : IIHR Th-2, Accession No. ITCC – 6888]	M/s P J Margo Pvt. Ltd.,	437
31.	Trichoderma harzianum 1.0% WP [Strain : IIHR Th-2, Accession No. ITCC – 6888]	M/s Synergy Crop Science Pvt. Ltd.,	437
32.	Trichoderma harzianum 1.0% WP [Strain : IIHR Th-2, Accession No. ITCC – 6888]	M/s Ashwathy Green Enterprise Pvt. Ltd.,	437
33.	Trichoderma harzianum 1.0% WP [Strain : IIHR Th-2, Accession No. ITCC – 6888]	M/s Gujarat Eco Microbial Technologies Pvt. Ltd.,	437
34.	Trichoderma harzianum 1.0% WP [Strain : IIHR Th-2, Accession No. ITCC – 6888]	M/s Ganesh Bio Control System	437
35.	Verticillium lecanii 1.15% WP [strain : AS-MEGH-VI, Accession No. MCC No-1028]	M/s Krishi Vikas Sahakari Samiti Ltd.,	437
36.	Verticillium lecanii 1.15% WP [strain : AS-MEGH-VI, Accession No. MCC No-1028]	M/s Prosustainb PSH Biotech Pvt. Ltd.,	437
37.	Verticillium lecanii 1.15% WP [strain : AS-MEGH-VI, Accession No. MCC No-1028]	M/s Geniqe Bio Care	437
38.	Pseudomonas fluorescence 1% WP [strain : IIHR-PF-2, Accession No. ITCC B0034]	M/s P J Margo Pvt Ltd	437
39.	Pseudomonas fluorescence 1% WP [strain : IIHR-PF-2, Accession No. ITCC B0034]	M/s Prosustainb PSH Biotech Pvt. Ltd.,	437
40.	Pseudomonas fluorescence 1% WP [strain : IIHR-PF-2, Accession No. ITCC B0034]	M/s Vishakan Biotech Pvt. Ltd.,	437
41.	Pseudomonas fluorescence 1% WP [strain : IIHR-PF-2, Accession No. ITCC B0034]	M/s Krishi Vigyan Kendra	437

42.	Pseudomonas fluorescence 1% WP [strain : IIHR-PF-2, Accession No. ITCC B0034]	M/s Innovac Bioscience Pvt. Ltd.,	437
43.	Pseudomonas fluorescence 1% WP [strain : IIHR-PF-2, Accession No. ITCC B0034]	M/s Genique Bio Care Pvt. Ltd.,	437
44.	Pseudomonas fluorescence 1% WP [strain : IIHR-PF-2, Accession No. ITCC B0034]	M/s AnanadAgro Care	437
45.	Trichoderma viride 1% WP [Strain TNAU-TV-1, Accession No. ITCC 6914]	M/s Ashwathy Green Enterprise Pvt. Ltd.,	437
46.	Trichoderma viride 1% WP [Strain TNAU-TV-1, Accession No. ITCC 6914]	M/s Genique Bio Care Pvt. Ltd.,	437
47.	Trichoderma viride 1% WP [Strain TNAU-TV-1, Accession No. ITCC 6914]	M/s Tender SIP,	437
48.	Verticillium chlamyosporium 1% WP [Strain IHR-VC-3, Accession No. ITCC 6898]	M/s Synergy Crop Science Pvt. Ltd.,	437
49.	Verticillium chlamyosporium 1% WP [Strain IHR-VC-3, Accession No. ITCC 6898]	M/s Oshnic Crop Science Ltd.,	437
50.	Verticillium chlamyosporium 1% WP [Strain IHR-VC-3, Accession No. ITCC 6898]	M/s P J Margo Pvt Ltd	437
51.	Verticillium chlamyosporium 1% WP [Strain IHR-VC-3, Accession No. ITCC 6898]	M/s Jay Research and Biotech In dia Pvt. Ltd.,	437
52.	Trichoderma viride 1.5% WP [Strain : IIHR TV-5, Accession No. ITCC No. – 6889]	M/s Krishi Vikas Sahakari Samiti Ltd.,	437
53.	Trichoderma viride 1.5% WP [Strain : IIHR TV-5, Accession No. ITCC No. – 6889]	M/s P J Margo Pvt Ltd	437
54.	Trichoderma viride 1.5% WP [Strain : IIHR TV-5, Accession No. ITCC No. – 6889]	M/s NAVinBiotech	437
55.	Trichoderma viride 1.5% WP [Strain : IIHR TV-5, Accession No. ITCC No. – 6889]	M/s Gujarat Eco Microbial Technologies Pvt. Ltd.,	437

56.	Trichoderma viride 1.5% WP [Strain : IIHR TV-5, Accession No. ITCC No. – 6889]	M/s Vishakan Biotech Pvt. Ltd.,	437
57.	Methiziumanisopliae 1.0% WP [Strain IPL/KC/44 Accession No. ITCC 6895]	M/s Gujarat Eco Microbial Technologies,	437
58.	Methiziumanisopliae 1.0% WP [Strain IPL/KC/44 Accession No. ITCC 6895]	M/s Oshnic Crop Science Ltd.,	437

Annexure-V**List of New/ Alternate packing for approved pesticides**

S.N	Insecticide/Product Name	Registrant Name	Packaging Endorsement Granted	RC Meeting No.
1.	Emamectin benzoate technical 95% w/w min.	M/s Mahamaya Lifesciences Pvt. Ltd.	Packaging endorsement for alternate packing in trilaminated bag made from kraft paper of minimum thickness 200 GSM/Aluminium 0.14mm/polyethylene 0.075 mm of 25 kg capacity	434
2	Mancozeb 40% + Azoxystrobin 7% OS	M/s Coromandel International Ltd	Packaging endorsement for alternate packing in co-extruded HDPE bottle as a primary and 5-ply CFB box as transport packing	436

List of Additional packing for approved pesticides

S.No	Insecticide/Product Name	Registrant Name	Packaging Endorsement Granted	RC Meeting No.
1.	Azoxystrobin 16.7% + Tricyclazole 33.3% SC	M/s Crystal Crop Protection Ltd	Endorsement for secondary packing in mono carton (paper board carton) of 300GSM for pack size of 100ml, 200ml, and 250ml	434
2.	Fipronil 0.05% Gel	M/s Bayer CropScience Ltd	Endorsement of import packing for secondary packing containing 250 syringes in one secondary polyethylene bag, which shall be further packed in CFB box as a transport packing for Fipronil 0.05% w/w gel.	434
3.	Emamectin benzoate 5.0% SG	M/s Rallis India Ltd	Packaging endorsement for additional packing of capacity 10 gm & 50 gm in HDPE containers as a primary packing followed by secondary and transport packing	434
4.	Tansfluthrin 1.6% LV	M/s Hindustan Food Ltd	Packaging endorsement for additional packing Primary packing: The product will be packed in PET bottle of round shape, 43.8±2mm diameter, total height 60.7±2mm and 52±4ml overflow volume. The wick is arranged with the help of plug of thermo-plastic. Secondary packing: primary pack shall be packed in a duplex board carton with dimensions not more than 50x50x95mm. Transport packing: 100 numbers of secondary pack will be further packed in 5-ply CFB box as per IS2771-1990 up to 6.90kg capacity.	434
5.	Tembotrione 34.4% SC	M/s Bayer CropScience Ltd	Packaging endorsement for additional transport packing: 10 secondary packs of 57.5ml and surfactant shall be further packed in a single 3-ply RSC type CFB box conforming to IS: 2771(I):1990 of GSM 180 top, 150 fluting, 150 liners. The box shall be closed in H manner with BOPP tape of 72mm width	434
6.	Emamectin Benzoate 1.9% EC	M/s Crystal Crop Protection Ltd	Packaging endorsement for additional packing in 200ml capacity HDPE bottle, monocarton as secondary and CFB box as transport packing.	434
7.	D-trans allethrin 0.25% Aerosol	M/s Godrej Consumer Products Ltd	Packaging endorsement for additional packing primary in the capacity of 125 ml and 200 ml followed by mono carton as secondary packing and 5-ply CFB box as a transport packing	434

8.	Novaluron 10% EC	M/s UPL Ltd	Endorsement for alternate bulk packing in 200 liters capacity in MS composite drum (outer body made by mild steel MS & inner liner made by virgin HDPE) as a primary and transport packing in the registration certificate.	435
9.	Ethiprole 40% + Imidacloprid 40% WG	M/s Bayer CropScience Ltd	Packaging endorsement of additional bulk pack in flexible intermediate bulk container of capacity 600 kg	435
10.	Triafamone 20% + Ethoxysulfuron 10% WG	M/s Bayer CropScience Ltd	Packaging endorsement for additional packing of capacity 60 gm as primary 3-ply E flute duplex board inner carton (IC) as secondary and 5-ply CFB box as transport packing	435
11.	Diafenthiuron 30% + Pyriproxyfen 8% SE	Diafenthiuron 30% + Pyriproxyfen 8% SE	Packaging endorsement for additional packing in Co-ex bottle of capacity 200 ml, 400 ml as a primary packing and 5-ply CFB box as transport packing	435
12.	Dimethomorph 12% + Pyraclostrobin 6.7% WG	M/s BASF India Ltd	Packaging endorsement for Repacking in HDPE container of capacity 50gm pack size.	436
13.	Chlorantraniliprole 8.8% + Thiamethoxam 17.5% SC	M/s Syngenta India Ltd	Endorsement for additional packing of 250ml in approved container i.e HDPE and PET containers.	436
14.	Pyrifthalied 31.0% + Bensulfuron methyl 15.7% SC	M/s Syngenta India Ltd	Endorsement of secondary packing in duplex carton in the HDPE container of capacity 75ml, 150ml, capacity.	436
15.	Lambda cyhalothrin 10% WP	M/s BR Agrotech Ltd.	Endorsement of additional transport packing in HDPE drum having lid with ring of 20kg (65liters) capacity/pack size for 62.5gm capacity primary packing.	436
16.	Transfluthrin 1.6% LV	M/s Zobe Group India Pvt. Ltd	Packaging endorsement for additional primary packing dimension of PET bottle of round shape	436
17.	Bifenthrin 10% WP	M/s UPL Ltd	Packaging endorsement for change in pack size from 63 g to 62.5 g	436
18.	Amisulbrom 17.7% SC	M/s Dhanuka Agritech Ltd	Endorsement for additional packing for 50ml in HDPE bottle	437
19.	Profenophos 40% + Cypermethrin 4% EC	M/s P I Industries Ltd	Endorsement of New alternate Packaging for repacking in Co-Ex HDPE Container with Capacity 100 ml, 250 ml, 500 ml, 1000 ml and 5000 ml.	437
20.	Sodium para nitro Phenolate 1.8% SL	M/s OAT and IIL India Laboratories Pvt. Ltd	Endorsement of additional bulk packaging of 1000 liters capacity in Intermediate Bulk Container (IBC) made up of HDPE.	437
21.	Carbendazim 25% + Flusilazole 12.5% SE	M/s Dhanuka Aritech Ltd	Endorsement for additional packing for 200ml in HDPE bottle	437
22.	Pyroxasulfone 85% WG	M/s PI Industries Ltd	Endorsement for the addition of container net content in existing transport pack of 180 liter in fiber drum with 100 kg in lieu of 70 kg	437
23.	Triflumezopyrim 10% SC	M/s Corteva Agriscience India Pvt. Ltd	Endorsement of bulk packing of 200liters capacity in HDPE drums	437
24.	Picoxystrobin 7.05% + Propiconazole 11.71% w/w SC	M/sCorteva Agriscience India private Limited	Endorsement of additional bulk packaging of 200 Liters capacity HDPE drums.	437
25.	Picoxystrobin 22.52% w/w SC	M/sCorteva Agriscience India private Limited	Endorsement of additional bulk packaging of 200 Liters capacity HDPE drums.	437
26.	Kasugamycin 5% + Copper Oxchloride 45% WP	M/sDhanuka Agritech Limited	Endorsement for additional packing for 200ml in HDPE bottle	437

27.	Transfluthrin 0.08% w/w Aerosol	M/s Godrej Consumers Product Limited	Endorsement for an additional pack of 700 ml tin container filled with formulation shall be shrink-sleeved. 25 units of containers shall be packed in a corrugated box of specification IS 2771 (Part 1) – 1990.	437
28.	Cyenoxyrafen 30% w/w SC	M/s Insecticides (India) Limited,	Endorsement of additional packing in the capacity of 15 ml of PET bottle as a primary packing, duplex carton as secondary packing, and CFB box up to the capacity 1.5liters as a transport packing.	437

Annexure-VII**Enhancement of Shelf Life of Pesticides Registered u/s 9(4)**

Sl. No.	Applicant (M/s)	Product Name	RC Number	Decision
1.	Tropical Agrosystems (India) Pvt. Ltd.	Pyriproxyfen 10% + Bifenthrin 10% w/w EC	434	One Year and Six Months to Two Years
2.	Volkschem Crop Science Pvt. Ltd	Pendimethalin 38.7% CS	434	One Year to Two Years
3.	Tropical Agrosystems (India) Pvt. Ltd.	Fipronil 4% w/w + Thiamethoxam 4% w/w SC	434	One Year and Six Months to Two Years
4.	Tropical Agrosystems (India) Pvt. Ltd.	Ziram 80% WP	434	One Year to Two Years
5.	M/s Meenakshi Agro Chemicals	Malathion 50% EC	436	One year to One and Half year
6.	M/s A Saj Agricare Pvt. Ltd.	Temephos 1%SG	436	One and half year to Two years
7.	M/s Meenakshi Agro Chemicals	Profenofos 40% + Cypermethrin 4% EC	436	One and half year to Two years
8.	M/s Best Agrolife Limited	Profenofos 40% + Cypermethrin 4% EC	436	One and half year to Two years
9.	M/s Meenakshi Agro Chemicals	Profenofos 50% EC	436	One year to Two years
10.	M/s Jivagro Limited	Profenofos 40% + Cypermethrin 4% EC	436	One year to Two years
11.	M/s Meenakshi Agro Chemicals	Carbendazim 50% WP	436	Two years to Five years
12.	M/s NACL Industries Limited	Profenofos 40% + Cypermethrin 4% EC	436	One and half year to Two years
13.	NACL Industries Limited	Monocrotophos 36% SL	437	One year to Two years
14.	Seedlings India Private Limited	Pyraclostrobin 20% WG	437	One year to Two years
15.	Darrick Insecticides Ltd.	Fipronil 4% + Thiamethoxam 4% SC	437	One Year and Six Months to Two Years
16.	Tropical Agrosystems (India) Pvt. Ltd.	Dimethoate 30% EC	437	One and Half Year to Two Years
17.	Darrick Insecticides Ltd.	Ziram 27% SC	437	One year to Two years
18.	Shreeji Insecticides India Private Limited	Quinalophos 25% EC	437	One year to Two years

19.	Darrick Insecticides Ltd.	Pyriproxifen 10% + Bifenthrin 10% EC	437	One Year and Six Months to Two Years
20.	LDR Agrofarms Private Limited	Acephate 50% + Imidacloprid 1.8% SP	437	One year to Two years
21.	LDR Agrofarms Private Limited	Neem based EC containing Azadirachtin-1% (10000 PPM)	437	One year to Two years
22.	LDR Agrofarms Private Limited	Neem Kernel Based EC containing Azadirachtin 0.3% w/w min. (3000 PPM)	437	One year to Two years
23.	Hindustan Rasayan Pvt. Ltd.	Profenofos 40% + Cypermethrin 4% EC	437	One Year and Six Months to Two Years
24.	Shreeji Insecticides India Private Limited	Fipronil 0.3% G.R.	437	One year to Two years
25.	Shreeji Insecticides India Private Limited	Profenophos 40% + Cypermethrin 4% EC	437	One and Half Year to Two Years
26.	Shreeji Insecticides India Private Limited	Monocrotophos 36% SL	437	One year to Two years
27.	Shreeji Insecticides India Private Limited	Dimethoate 30% EC	437	One and Half Year to Two Years

Annexure-VIII**List of import permit issued for multi-use / dual use (non-insecticidal purpose)****Multi – use insecticides (Boric Acid) 434 RC**

Sr. No.	Applicants M/s	Decision of the Registration Committee
1	Artek Surfin Chemicals Ltd.	Approved 49 MT Boric Acid for manufacturing of Electroplating chemicals and salts.
2	Dorf Ketal Chemicals India Pvt. Ltd.	Approved 121 MT Boric Acid for manufacturing of Fuel Additive PX3872
3	Navin Fluorine International Limited	Approved 3600 MT Boric Acid For manufacturing of Boron Trifluoride and Boron Trifluoride Ethyl Ether.

Multi – use insecticides (Other than Boric Acid) 434 RC

Sr. No.	Applicants M/s	Decision of the Registration Committee
1	Navin Fluorine International Limited	Approved 15 MT 2,6-Dichloro Benzonitrile For manufacturing of 2- Fluoro 6- Hydroxybenzoic Acid.
2	Thirumalai Chemicals Ltd.	Approved 130 MT Thiourea for manufacturing of Fumaric Acid.
3	DD Shah Fragrances Pvt. Ltd.	Approved 2 MT Eucalyptol For manufacturing of Flavouring compounds and reconstituted essential oils
4	K A Malle Pharmaceuticals Ltd	Approved 225 MT Thiourea For manufacturing of Mebendazole & Albendazole.
5	Shree Ganesh Chemicals	Approved 90 MT Sodium Cyanide For manufacturing of Electroplating of salts of Zinc, Copper, Brass and heat treatment of Salts etc.
6	Shree Ganesh Chemicals	Approved 36 MT Potassium Cyanide For manufacturing of Electroplating of Silver, Copper, and Gold.
7	Gem Aromatics Pvt.Ltd	Approved 150 MT Eucalyptus Oil For use as Flavours and Fragrance ingredient.
8	Swati Menthol and Allied Chemicals	Approved 200 MT Eucalyptus Oil For Rectified Eucalyptus oil, Cajuput Oil, Cineole 60%, Rectified Eucalyptol, Eucalyptus Oil extra Pure.

9	Shyamal Chemical Industries	Approved 459 MT Sodium Cyanide For manufacturing of Cuprous and Zinc Cyanide, Other Electroplating Chemicals & Salts.
10	Shyamal Chemical Industries	Approved 31 MT Potassium Cyanide For manufacturing of Electroplating Chemicals & Salts.
11	Godrej Agrovvet Limited	Approved 40 MT 2,6-Dichloro Benzonitrile For manufacturing of Pyrethrin Sodium Technical.
12	M B Sales Corporation	Approved 400 MT Potassium Cyanide For Trading Purpose
13	Emmennar Pharma Private Limited	Approved 3573 MT Sodium Cyanide For production of SABAM HCl (S)- 2-Amino butyramide hydrochloride and Levitiracetam.
14	Anupam Rasayan India Limited	Approved 1500 MT 2,6-Dichloro Benzonitrile For manufacturing of 2- 6-Difluoro aniline.
15	Benzo Chem Industries Private Limited	Approved 450 MT Sodium Cyanide For manufacturing of 2,5- Dimethyl Phenyl Acetyl Chloride, 2,4- Di Chloro Phenyl Acetic Acid, 2,4- Dichloro Phenyl Acetyl Chloride, Ortho Methyl Phenyl Acetyl Acid, Ortho Methyl Benzyl Cyanide, Para& Meta Chloro Benzyl Cyanide, Para Chloro Phenyl Acetyl Acid, 2,4,6- Trimethyl Phenyl Acetyl Chloride And Ortho Chloro Phenyl Acetyl
16	Arihant Overseas	Approved 200 MT Sodium Cyanide For manufacturing of Brass Salt, Cleaning Salt, Copper Salt and Zinc Salt.
17	Rathoure Trading Company	Approved 900MT Sodium Cyanide For Trading Purpose
18	Jindal Drugs Pvt. Ltd.	Approved 150 MT Eucalyptus Oil for manufacturing Cineole.
19	PI Industries Pvt. Ltd.	Approved 2849 MT Thiourea for manufacturing of Pyroxasulfone Technical.

Multi – use insecticides (Boric Acid) 435 RC

Sr. No.	Applicants M/s	Decision of the Registration Committee
1	Dr. Reddys Laboratories Limited	Approved 0.03 MT (30 Kg) Boric Acid for manufacturing of formulation of BrimonidineTartate.(Ophthalmic Solution)

Multi – use insecticides (Other than Boric Acid) 435 RC

Sr. No.	Applicants M/s	Decision of the Registration Committee
1	Sarna Chemicals Pvt. Ltd.	Approved 2000 MT Nitro Benzene for manufacturing of Meta Chloro Aniline(MCA)
2	Intech Organics Limited	Approved 1000 MT Yellow Phosphorus for manufacturing of Aluminum Phosphide 56% Tablets, 17857 TPA and Raw Material
3	Hindustan Zinc Ltd	Approved 400 MT Sodium Cyanide Use as Zinc Concentrate and Lead Concentrate.
4	Sandhya Organic Chemicals Pvt. Ltd.	Approved 2700 MT Yellow Phosphorus for manufacturing of Phosphorus Pentoxide
5	Sandhya Organic Chemicals Pvt. Ltd.	Approved 768 MT Yellow Phosphorus for manufacturing of Aluminum Phosphide and Zinc Phosphide
6	Sandhya Organic Chemicals Pvt. Ltd.	Approved 3312 MT Yellow Phosphorus for manufacturing of Phosphorus Trichloride.
7	Deccan Fine Chemicals (India) Private Limited	Approved 850 MT Sodium Cyanide for manufacturing of Paraflufin Ethyl, 4-Acetyl-2- Methyl Benzoic Acid, Cyanopyrazle, Ester Amide, DCIT Acid, AE Phenol, Amino (4-chlorophenyl) Acetic Acid, Dithianon
8	Grauer& Weil (India) Ltd.	Approved 314 MT Sodium Cyanide Use as Raw material of metal furnishing & surface furnishing & surface finishing products and lubricating & greases.

Multi – use insecticides (Boric Acid) 436 RC

Sr. No.	Applicants M/s	Decision of the Registration Committee
1	Belgium Glass & Ceramics Pvt. Ltd.	Approval already granted in this case
2	Bhukhanvala Industries Pvt. Ltd.	Approved 270 MT Boric Acid for manufacturing Boron carbide . Considering priority as explained by experts for use for research purpose by BARC for military.

Multi – use insecticides (Other than Boric Acid) 436 RC

Sr. No.	Applicants M/s	Decision of the Registration Committee
1	P I Industries Ltd.	Approved 45.65 MT 2-(2,4 Dichlorophenoxy) Propionic Acid for manufacturing Fenoxanil
2	Deccan Fine Chemicals (India) Private Limited,	Approved 85MT Acrylonitrile for manufacturing Chlorfenapyr
3	Tagros Chemicals India Private Limited	Approved 1349 MT Acrylonitrile for manufacturing of Alpha cypermethrin, Cypermethrin, Permethrin and Deltamethrin
4	Meghmani Organics Limited,	Approved 416 MT Ethylene DiChloride for manufacturing of MetaPhenoxyBenzaldehyde and Profenofos
5	Arch Pharma Labs Limited	Approved 180 MT Yellow Phosphorus for manufacturing of Phosphorus trichloride, Phosphorus pentachloride and phosphorus oxychloride
6	Nishant Aromas Private Limited	Approved 20 MT Eucalyptol (1,8 Cineol) for manufacturing of Perfumery Compounds and Fragrance Chemicals.
7	Nishant Aromas Private Limited	Approved 20 MT Eucalyptus Oil 60% to 80% for manufacturing of Perfumery Compounds and Fragrance Chemicals.
8	ArtekSurfin Chemicals Ltd.	Approved 11 MT Thiourea, For manufacturing of Electroplating Chemicals & Salts

Multi – use insecticides (Boric Acid) 437 RC

Sr. No.	Applicants M/s	Decision of the Registration Committee
1	Indian Additives Limited	Approved 25 MT Boric Acid for manufacturing Succinimide.
2	Prime Ceramics Pvt Ltd	Approved 25 MT Boric Acid for manufacturing Ceramic Glass Frit.
3	Futura Ceramics Pvt. Ltd	Approved 40 MT Boric Acid for manufacturing Ceramic Glaze Frit
4	Best Value Chem Pvt. Ltd	Approved 25 MT Boric Acid for manufacturing Iso- Amyl Salicylate, Hexyl Salicylate and Amyl Salicylate as catalyst.
5	Belgium Glass & Ceramics Pvt. Ltd	Approved 150 MT Boric Acid for manufacturing Ceramic Glaze Frit/ Glaze Mix.

Multi – use insecticides (Other than Boric Acid) 437 RC

Sr. No.	Applicants M/s	Decision of the Registration Committee
1	Tagros Chemicals India Private Limited	Approved 293 MT Sodium Cyanide for manufacturing Cypermethrin
2	Cheminova India Limited	Approved 1031 MT Yellow Phosphorous for manufacturing Diethyl thio phosphoryl Chloride (DETPC)
3	Bharat Rasayan Ltd	Approved 414 MT Sodium Cyanide For manufacturing Cypermethrin and Alpha Cypermethrin.
4	India Pesticides Limited	Approved 1600 MT Carbon di sulphide For manufacturing Captan, Folpet and Ziram Technical
5	Bonageri Life Science Ltd	Manufacturer, Approved 1000 MT Yellow Phosphorus. For manufacturing Aluminium Phosphide.
6	Gharda Chemicals Limited	Approved 144 MT Sodium Cyanide. For manufacturing Cypermethrin and Deltamethrin
7	Meghmani Organics Limited, Ahmedabad	Approved 358 MT Sodium Cyanide For manufacturing Cypermethrin
8	Vikram Aromatics	Approved 50 MT Eucalyptol For manufacturing VA Cineole 98.
9	Sarthi Chem Tech Pvt Ltd.	Approved 350 MT Yellow Phosphorus For manufacturing Aluminum Phosphide 6%, 15%, 56% and 77.5% Tablets
10	Meghmani Organics Limited, Ahmedabad	Approved 1009 MT Yellow Phosphorus For manufacturing Cypermethric acid chloride and Chloropyrifos
11	Suril Pharma	Approved 100 MT Thiourea For manufacturing Mebendazole, Albendazole & Fenbendazole

Annexure-IX**List of registered Pesticides under 9(3) and 9(3) label Expansion along with waiting Period****Entomology/ Pathology/ Weed Science**

S. No	RC No.	File No.	Company Name	Product Name	Crop	Waiting Period
1.	434	11545-/TI9(3)2019-CIR-II	M/s Godrej Agrovet Ltd.,	Fluxametamide technical 93.5% w/w	-	-
2.	434	11544-FII/9(3)/2019	M/s Godrej Agrovet Ltd.	Fluxametamide 10% EC	Red gram	28
					Tomato	5
					Cabbage	5
					Brinjal	5
					Okra	5
					chilli	5
3.	434	9048-FI/9(3)/2017-CIR-II	M/s Syngenta India Ltd.,	Sedaxen 12.61% + Azoxystrobin 3.15% + Thiamethoxam 22.06% FS	Rice	-
4.	434	9335-F/9(3)/2018-CIR-II	M/s Gharda Chemicals Ltd.,	Indoxacarb 5% + Fipronil 5 % SC	Cabbage	7
					chilli	5
5.	434	10506-F/9(3)/2019-CIR-II	M/s Nichino India Pvt. Ltd.,	Benzpyrimoxam 10% SC	Rice	31
6.	434	7206-TI/9(3)/2016-CIR-II	M/s Indogulf Cropsience Ltd.,	Imidacloprid technical 95% w/w	-	-
7.	434	10892-TI/9(3)/2019-CIR-II	M/s UPL Ltd.	Flupyrimin technical 96% w/w	-	-
8.	434	10938-F/9(3)/2019-CIR-II	M/s UPL Ltd.,	Flupyrimin 10% SC	Rice	7
9.	434	12020-F/9(3)/2019-CIR-II	M/s Gowan India Pvt. Ltd.,	Fenazaquin 10% + Bifenthrin 4% EC	Tomato	5
					Tea	7
10.	434	9381-END/2018-CIR-II	M/s Dow Agro Sciences India Ltd.,	Spinetoram 11.7% w/w SC	Cotton	30
11.	434	9966-END/2019-CIR-II	M/s Gharda Chemicals Ltd.,	Cypermethrin 10% + Indoxacarb 10% SC	Rice	37
12.	434	8878-END/2018-CIR-II	M/s Bayer Crop Science Ltd.,	Fipronil (GR) 13 SC	Wheat	-
13.	434	9824-END/2018-CIR-II	M/s Sumitomo Chemical India Pvt. Ltd.,	Pyriproxyfen 10% EC	chilli	5
14.	434	9775-END/2018-CIR-II	M/s Bayer Crop Science Ltd.,	Fipronil 18.87% SC	Rice	46
15.	434	8804-END/2018-CIR-II	M/s Bayer Crop Science Ltd.,	Spirotetramat 11.01% + Imidacloprid 11.01% w/w SC	Grape	60
16.	434	9936-END/2018-CIR-II	M/s Syngenta India Ltd.,	Anbamectin 1.9% EC	Brinjal	5
17.	434	9945-END/2018-CIR-II	M/s Syngenta India Ltd.,	Chlorantraniliprole 9.3% + Lambda cyhalothrin 4.6% ZC	Bengal gram	11
					Tomato	5
18.	434	9364-END/2018-CIR-II	M/s Bayer Crop Science Ltd.,	Fipronil 18.87% SC	Chilli	5
19.	434	9931-END/2018-CIR-II	M/s BASF India Ltd.,	Afidopyropen 5% DC	Chilli	10
					Potato	14

					Tomato	10
					Okra	10
					Soya bean	34
20.	434	17-364/2012-CIR-II	M/s Bayer Crop Sciences	Fipronil 80% WG	Cotton	14
21.	434	9774-END/2018-CIR-II	M/s ADAMA India Pvt. Ltd.	Novaluron 5.25% + Emamectin benzoate 0.9%	Brinjal	5
					Chickpea	11
22.	434	9048- F/9(3)/2017	M/s Syngenta India Limited	Sedaxane 12.61% w/w + Azoxystrobin 3.15% w/w + Thiamethoxam 22.06% w/w	Rice	Seed treatment
23.	434	7721-F/9(3)/2016	Crystal Crop Protection Pvt. Ltd.	Halosulfuron methyl 12% + Metribuzin 55% WG	Sugarcane	294
24.	434	10386- F/9(3)/2019	BASF India Ltd.	Topramezone 10 g/l + Atrazine 300 g/l SC	Maize	90
					Sugarcane	268
25.	434	10973- F/9(3)/2019	UPL Ltd.	2, 4-D sodium salt 44% + Metribuzin 35% + Pyrazosulfuron ethyl 1.0% WDG	Sugarcane	249
26.	434	10124- F/9(3)/2018	Willowood Chemicals Pvt. Ltd.	Oxyfluorfen 20% DF	Onion	91
27.	434	9432- F/9(3)/2017	Gharda Chemicals Ltd. (label expansion)	Mepiquat chloride 5% AS	Groundnut,	60
					Soybean	54
					Chickpea	56
					Brinjal	07
					Onion	48
28.	434	12166-F/9(3)/2020	M/s UPL Limited	Azoxystrobin 4.7% + Mancozeb 59.7% + Tebuconazole 5.6 % WG	Cucumber	10
29.	434	11315-END/2019	M/s. ADAMA India Pvt. Ltd	Azoxystrobin 7.1% w/w + Propiconazole 11.9% w/w SE	Wheat	45
30.	434	11453-END/2019	M/s. Rallis India Ltd.	Captan 70% + Hexaconazole 5% WP	Tomato	7
31.	435	10085-F/9(3)/2019-CIR-II	M/s Coromandel International Ltd.,	Phenthoate 45% + Cypermethrin 6% EC	Rice	-
32.	435	10937-F/9(3)/2019-CIR-II	M/s UPL Ltd.,	Flupyrimin 2% GR	Cotton	77
					Rice	77
33.	435	12416-TIM/9(3)/2020-CIR-II	M/s Insecticides India Ltd.,	Chlorantraniliprole technical 93.00% w/w	Pigeon pea	-
					Tomato	-
34.	435	10267-TI/9(3)/2018-CIR-II	M/s Indogulf Cropsciences Ltd.,	Abamectin technical 92% w/w	-	-
35.	435	9380-TIM/9(3)/2018-CIR-II	M/s Bhagiradha Chemicals & Industries Ltd.,	Dinotefuran technical 97.00% w/w	-	-
36.	435	9747-END/2018-CIR-II	M/s Gharda Chemicals Ltd.	Chlorpyrifos 50% + Cypermethrin 5% EC	Brinjal	7
					Cabbage	5
37.	435	10057-END/2019-CIR-II	M/s UPL Ltd.,	Fonicamid 50% WG	Okra	10
					Brinjal	15

38.	435	10852-END/2019-CIR-II	M/s Syngenta India Ltd.,	Chlorantaniliprole 8.8% + Thiamethoxam 17.5% SC f	Sugarcan e	298
39.	435	9965-END/2018-CIR-II	M/s Coromandel International Ltd.,	Azadirachtin 5% min.	Grape	-
40.	435	8597/FI/9(3)/2017	M/s BASF INDIA Ltd	Mefentrifluconazole 133 g/l + Fluxapyroxad 89 g/l + Pyraclostrobin 178 g/l SC	Groundnut	37
41.	435	8847-F/9(3)/2017	M/s Willow Wood Chemicals Ltd.	Difenoconazole 10 % + Mancozeb 50% WDG	Paddy	33
					Chilli	13
42.	435	11087-F/9(3)/2019	M/s Dhanuka Agritech Limited	Thiophanate methyl 38% + Kasugamycin 2.21% w/w SC	Tomato	24
43.	435	8861- F/9(3)/2017	M/s Krishi Rasayan Exports Pvt. Ltd.	Gibberellic acid 0.45% SL	Chilli	-
44.	435	11912-END/2020	M/s. Rallis India Ltd.	Hexaconazole 75% WG	Coffee	54
45.	435	10157-END/2019	M/s Indofil Industries Limited	Tricyclazole 18% + Mancozeb 62% WP	Chilli	7
46.	435	11083-END/2019	M/s UPL Limited	Carbendazim 12% + Mancozeb 63% WP	Cotton	71
					Soybean	31
					Mandarin	30
47.	436	8365-FI/9(3)/2017-CIR-II	M/s Bayer CropScience Ltd.,	Delatmethrin 25% WG u	-	-
48.	436	9569-TI/9(3)/2018-CIR-II	M/s ISK Biosciences India	Cyclaniliprole technical 95%	-	-
49.	436	10715-F/9(3)/2019	M/s Parijat Industries (India) Pvt. Ltd.,	Emamectin benzoate 1.5% + Profenofos 35% WDG	Cotton	15
50.	436	10585-F/9(3)/2019-CIR-II	M/s Syngenta India Ltd.,	Cyantraniliprole 16.9% + Lufenuron 16.9% SC	Rice	39
51.	436	10594-F/9(3)/2019-CIR-II	M/s Gharda Chemicals Ltd.,	Fipronil 5% + Buprofezin 20% SC	chilli	5
					Cotton	6
					Rice	20
52.	436	13034-TIM/9(3)2020	M/s Best Crop Science LLP.,	Spiromesifen technical 96.50%	-	-
53.	436	9484-TI/9(3)/2018-CIR-II	M/s Rallis India Ltd.,	Pyrifluquinazon technical 95%	-	-
54.	436	9485-F/9(3)/2018-CIR-II	M/s Rallis India Ltd.,	Pyrifluinazon 20% WG	Cotton	30
55.	436	7602-TI/9(3)/2016-CIR-II	M/s Willowood Chemicals Pvt. Ltd.,	Chlorpyriphos technical 97% w/w	-	-
56.	436	7285-TI/9(3)/2016-CIR-II	M/s Krishi Rasayan Exports Pvt. Ltd.,	Bifenthrin technical 96% w/w	-	-
57.	436	8991-TI/9(3)/2017-CIR-II	M/s Solinos Agro Science Pvt. Ltd.,	Broflanilide technical 98.7% w/w	-	-
58.	436	8992-FI/9(3)/2017-CIR-II	M/s Solinos Agro Science Pvt. Ltd.,	Broflanilide 20% SC	Brinjal	1
					Cabbage	1
					chilli	1
					Okra	1

59.	436	8980-FI/9(3)/2017-CIR-II	M/s BASF India Ltd.,	Broflanilide 300 g/l SC	chilli	1
					Brinjal	1
					Cabbage	1
					Tomato	1
					Soyabean	37
					Red gram	25
60.	436	10011-END/2019-CIR-II	M/s Syngenta India Ltd	Chlorantraniliprole 9.3% + Lambdacyhalothrin 4.6% ZC	Cabbage	5
61.	436	9918-END/2018-CIR-II	M/s Excel Crop Care Ltd.	Profenofos 40% + Fenpyroximate 2.5% EC	Brinjal	7
62.	436	9827-END/2018-CIR-II	M/s Bayer CropScience.	Firpronil 0.6% GR	Sugarcane	229
63.	436	11084-END/2019-CIR-II	M/s Crystal Crop Protection Ltd.	Abamectin 1.9% EC f	Tomato	3
64.	436	11085-END/2019-CIR-II	M/s Gharda Chemicals Ltd.,	Fipronil 40% + Imidacloprid 40% WG	Chilli	7
					Rice	7
65.	436	10661-END/2019-CIR-II	M/s Rallis India Ltd.	Flubendiamide 3.5% + Hexaconazole 5% WG	Black gram	23
66.	436	10951-END/2019-CIR-II	M/s Syngenta India Ltd.	Flubendiamide 19.92% + Thiacloprid 19.92% SC	Tea	7
67.	436	10951-END/2019-CIR-II	M/s Gharda Chemicals Ltd.	Indoxacarb 14.5% SC	Chickpea	19
					Soyabean	36
					Rice	37
68.	436	10942-F/9(3)/2019	M/s Insecticides India Limited	Kasugamycin 6 % + Thifluzamide 26% SC w/v	Paddy	17
69.	436	11547-F/9(3)/2019	M/s. FMC India Pvt. Ltd	Valifenalate 6% + Mancozeb 60% WG	Tomato	5
					Potato	20
					Grape	14
70.	436	10271- F/9(3)/2018	M/s Dhanuka Agritech Ltd.	Halosulfuron methyl 5% + Atrazine 48% WG	Maize	37
71.	436	10012-END/2019	M/s Bayer Crop Science	Tebuconazole 50% + Trifloxystrobin 25% WG	Coffee	11
					Onion	29
72.	436	11634-END/2019	M/s Bayer Crop Science Limited	Tebuconazole 50% + Trifloxystrobin 25% WG	Okra	3
73.	436	11711-END/2019	M/s Bayer Crop Science Limited	Tebuconazole 50% + Trifloxystrobin 25 % WG	Cumin	32
74.	437	12376-TIM/9(3)2020--CIR-II	M/s Bharat Rasayan Ltd.,	Spiromesifen Technical 96.50% w/w	-	-
75.	437	10419-FI/9(3)/2019-CIR-II	M/s Sumitomo Chemical India Ltd.,	Clothianidin 3.5% + Pyriproxyfen 8% SE	Brinjal	3
					Cotton	60
76.	437	7891-FI/9(3)/2019-CIR-II	M/s Dow Agro Sciences India Pvt. Ltd.,	Sulfoxaflor 11.4% SC	Wheat	36
77.	437	11380-F/9(3)/2019	M/s Sumitomo Chemical India	Fenprothrin 10% EW	Rice	58

			Ltd.,			
78.	437	11889-F/9(3)/2019	M/s Sumitomo Chemical India Ltd.,	Pyriproxyfen 10% EW	Cotton	38
79.	437	12942-F/9(3)/2019	M/s UPL Ltd.,	Azoxystrobin 1.3% + Tebuconazole 0.22% + Thiamethoxam	Okra	-
80.	437	7917 TI/9(3)2016--CIR-II	M/s Dow Agroscience	Methoxyfenozide technical 97% w/w	-	-
81.	437	8875-TI/9(3)2017--CIR-II	M/s FMC India Pvt. Ltd.,	Clothianidin	-	-
82.	437	8876-F/9(3)/2017-CIR-II	M/s FMC India Pvt. Ltd.,	Bifenthrin 8% + Clothianidin 10% SC	-	-
83.	437	13738-END/2021-CIR-II	M/s GSP Crop Sciences Pvt. Ltd.	Diafenthiuron 25% + Pyriproxyfen 5% SE	chilli	10
84.	437	11821-END/2021-CIR-II	M/s Syngenta India Ltd	Pymetrozine 50% WG	Mango	10
85.	437	12343-END/2020-CIR-II	M/s Bayer Crop Science Ltd.	Fipronil 40% + Imidacloprid 40% WG	Cotton	36
86.	437	11327-END/2020-CIR-II	Syngenta India Ltd	Abamectin 1.9% EC	Apple	7
87.	437	11961-END/2020-CIR-II	M/s ADAMA India Pvt. Ltd.,	Novaluron 5.25% + Emamectin benzoate 0.9% SC	Maize	27
88.	437	14428-END/2021-CIR-II	M/s Parijat Industries (India) Pvt. Ltd.	Diafenthiuron 30% + Pyriproxyfen 8% SE	Cotton	35
89.	437	11826-END/2020-CIR-II	M/s UPL Ltd.	Acephate 50% + Imidacloprid 1.8% SP	Sugarcane	123
90.	437	9930-END/2018-CIR-II	M/s BayerCropScience Ltd	Betacyfluthrin 8.49% + Imidacloprid 19.81% OD	chilli	36
91.	437	12040-END/2020-CIR-II	M/s Syngenta India Ltd.	Chlorantraniliprole 9.3% + Lambdacyhalorhin 4.6% ZC	Maize	36
92.	437	2805-B/F/9(3b)/2021	M/s. Embio Limited	<i>Trichoderma virens</i> 1.0% WP	Chickpea	Bio-pesticide
93.	437	7964-F/9(3)/2017	M/s Rallis India limited	Fenoxanil 5% + Isoprothaiolane 30% EC	Paddy	20
94.	437	11760-F/9(3)/2019	M/S ADAMA India Pvt. Ltd	Azoxystrobin 5.1% w/w + Tebuconazole 9.1% w/w + Prochloraz 18.2% w/w EC	Rice	40
					Chilli	10
					Black Gram	35
95.	437	12942-F/9(3)/2020	M/s UPL India Limited	Azoxystrobin 1.3% + Tebuconazole 0.22% + Thiamethoxam 25.9% FS	Okra	Seed treatment
96.	437	10807-END/2019	M/S BASF India Limited	Metiram 70% WG	Chilli	10
					Apple	21
97.	437	11311-END/2019	M/s Bayer Crop Science Limited	Tebuconazole 38.39% w/w SC	Rice	35
					Groundnut	32
98.	437	10726-F/9(3)/2019	M/s Rallis India	Pendimethalin 40% +	Wheat	107

			Ltd.	Metribuzin 8% EC		
99.	437	8317- F/9(3)/2017	M/s PNP & Associates Pvt. Ltd	Hydorgencyanamide 49% AS	Apple	188
100.	437	9915- F/9(3)/2018	M/s Bayer Crop Science Ltd.	Oxadiargyl 80% WP	Cabbage	100
101.	438	11351-END/2019	M/s Bayer Crop Science Limited	Tebuconazole 5.36% w/w FS (060 FS)	Rice	Seed treatment
102.	438	11658-END/2019	M/s Biostadt India Limited	Thiophanate Methyl 70% WP	Rice	36
103.	438	11858-END/2020	M/s Adama India Limited	Prochloraz 24.4% w/w + Tebuconazole 12.1% w/w EW	Rice	49
104.	438	15348-END/2022	M/s Syngenta India Ltd.	Chlorantraniliprole 9.3% + Lambdacyhalorhin 4.6% ZC	Cotton, Rice and Soybean	-
105.	438	1552-END/2022	M/s. Bayer Crop Science Ltd.	Tetraniliprole 18.18% w/w SC	Rice	
106.	438	15196-END/2022	M/s Syngenta India Ltd.	Azoxystrobin 18.2% + Difenconazole 11.4% w/w SC	Rice	31
107.	438	15559-END/2022	M/s. Bayer Crop Science Ltd.	Tebuconazole 50% + Trifloxystrobin 25% WG	Rice	35

Annexure-X**New molecules for Inclusion in the Schedule to the Insecticides Act 1968**

S. No.	Application No./ Name of the Applicant	CAS No/ Common Name/ IUPAC Name	Bio-efficacy	Toxicity	Status of Registration in Other Country	Remarks
1.	3188/Inclusion in Schedule M/s ADAMA India Pvt. Ltd.	1616664-98-2 Flumetylsulforim 5-fluororo-4-imino-3-methyl-1-[(4-methylphenyl)sufonyl]-3,4-dihydropyrimidin-2(1H)-one	Pyrimidine Fungicide Used as fungicide in: Rice against Leaf blast & Sheath blight Grapes against Downy mildew & Powdery mildew Chilli against Fruit rot and in Potato against Late blight	Acute oral: LD50 (rat) >2000 mg/kg Acute dermal: LD50 (Rats) >2000 mg/kg Primary skin Irritation: Not – irritating Irritation to mucous membrane- Not irritating to eyes, Not a sensitizer. Ecotoxicology: Acute oral LC ₅₀ (Bobwhite quail)> 2000mg/kg bw Toxicity to Fish(Rainbow trout)(96h) = 5.41 mg/L (semi-static, mean measured) Toxicity to bee > 3.272 µg/bee(oral) >50.0 µg/bee (contact)	Flumetylsulforim is a new Fungicide. Not registered in any country.	Approved
2.	3189 /Inclusion in Schedule M/s Synergia Sciences Pvt. Ltd.	223419-20-3 Profluthrin 2,3,5,6-tetrafluoro-4-methylbenzyl (1RS)-cis-trans-2,2-dimethyl-3-[(EZ)-prop-1-enyl]cyclopropanecarboxylate	Used against typical fabric pests such as Tinea translucens, Tineola bisselliella and Attagenus unicolor that can cause worm-hole damage in clothing	Acute Oral Toxicity: Oral LD ₅₀ > 2000 R4 Rat Dermal LD ₅₀ =2000 R4 Rat Inhalation LC ₅₀ =1.99 R4 Rat	Registered In USA and Japan.	Approved

3.	3190/Inclusion in Schedule M/s Bharat Rasayan Ltd.	124495-18-7 Quinoxyfen 5,7-dichloro-4-quinolyl 4-fluorophenyl ether	A fungicide used mainly to control powdery mildew in cereals. It has a role as an antifungal agrochemical	Acute oral: LD50 (rat) >5000 mg/kg Acute dermal: LD50 (Rats) <2000 mg/kg Primary Eye irritation Study in New Zealand White Rabbits Acute Aerosol inhalation Toxicity Study with Fischer 344 Rat Primary Dermal irritation study in New Zealand White Rabbit Ames Test, Salmonella Typhimurium, Genetic Toxicity	Listed in Pesticide manual. Registered in EU, USA (Under Review) and Canada.	Approved
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