

MINUTES OF THE 60th MEETING OF THE CENTRAL INSECTICIDES BOARD (CIB) HELD ON 11.05.2021 AT 1600 HRS ONWARDS THROUGH VIDEO CONFERENCING.

The 60th meeting of the Central Insecticides Board was held on 11.05.2021 at 1600 hrs onwards through video conferencing under the Chairmanship of Dr. Kanwar Sen, Addl. Director-General of Health Services, nominated by Dr. Sunil Kumar, Chairman, CIB & Director General of Health Services(DGHS), Ministry of Health & Family Welfare. The list of the participants is at **Annexure-I**.

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

Agenda item No.1: Confirmation of minutes of 59th meeting of CIB held on 12.11.2020

The Board confirmed minutes of the 59th meeting of CIB and noted the point raised by the representative from Directorate General of Factory Advice Services and Labour Institutes, with regards to including to prescribe 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.

Agenda item No. 2: Follow-up action on the decision of the 59th Meeting of the CIB

The Board noted the follow-up action on the decisions of the 59th meeting with satisfaction and appreciated the efforts made to complete the action in a time-bound manner. (**Annexure-II**)

Agenda item No. 3: Progress Report

3.1: Progress report of the registration committee

Secretary(CIB&RC) apprised the progress made by the Registration Committee 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 approved/ registered by the RC (**Annexure-V**) during this period. The board noted the progress made by the CIB&RC in registering the new and safer formulations and also the progress of the Registration Committee since the last Board Meeting with satisfaction and appreciated the efforts made by the Secretariate of CIB&RC to reduce the pendency and conducting a special drive to dispose of all hard copy files received before adopting online system i.e. Computerised Registration of Pesticides(CROP).

3.2: Progress Report of Central Insecticides Laboratory (CIL)

The Board noted the progress of the CIL with satisfaction.

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 efforts should be made to have more conviction out of prosecution launched. The Board noted the progress of the Techno-legal Cell and RPTL's with satisfaction.

Agenda item No.4: Major achievements of Secretariate of CIB&RC during the period from 01.11.2020 to 30.04.2021

The Board with satisfaction noted the major achievements of the Secretariate of CIB&RC during the period from 01.11.2020 to 30.04.2021 and appreciated the special efforts made to reduce pendency and further simplify 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 CIB&RC in approving additional and new packing for approved pesticides by the RC under section 9(3) of the insecticide Act, 1968. **(Annexure-VI).**

Agenda item No.6: Consideration of Notification issued by Ministry of Agriculture and Farmers Welfare.

The Board deliberated the Notifications issued by the Ministry of Agriculture and Farmers Welfare especially the GSR No. 755(E) dated 09.12.2020 Insecticides (Third Amendment rules), GSR 110 (E) dated 05.02.2021 (Appointments of Insecticide Analyst for bio-pesticides and SO 826 (E) dated 18.02.2021 (Inclusion of 13 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.7: Re-notification of the complete list of Schedule to the Insecticides Act, 1968

The Secretary(CIB&RC) apprised the Board that this issue was deliberated in 59th CIB meeting vide agenda item no. 10.0 and accordingly as directed by the Board, a public notice no 3-1/2020-CIR-II was issued on 15.12.2020, seeking suggestions/objections within 30 days. The comments from Crop Care Federation of India, Pesticides Manufacturers & Formulators Association of India, M/s Gem Aromatics Pvt. Ltd., M/s Western Bio-organics, M/s Punjab Chemicals, M/s FMC India Pvt. Ltd., and M/s Sumitomo Chemical India Ltd. were received.

The Board deliberated the agenda and decided to form a Sub-committee as follows:

1. Dr. Anupama Singh, Principal Scientist & Head, Department of Agro-Chemicals, IARI – Chairperson
2. Dr. Archana Sinha, JD (Chem) - Member
3. Dr. Vandana Seth, JD (Chem) – Member
4. Dr. Devi Shankar Suman, Scientist 'D', ZSI, – Member

5. Mr. A D Bhatt, PPO (Chem) – Member
6. Dr. Brijesh Tripathi, DD (Chem) – Member Secretary

The Sub-committee will examine all suggestions/objections received in the Secretariat as a result of the public notice dated 15.12.2020, on findings in the Schedule along with all other technical points necessary to harmonise the Schedule to the Insecticides Act, 1968, within three months, from the date of approval of the minutes.

Agenda item No.8: 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.9: Import permit issued for Multi-use/Dual-use Pesticides (for Non-Insecticidal purpose)

The Board members were apprised about the import permit issued for Multi-use/Dual-use Pesticides (for Non-Insecticidal purpose) during the period from 01.11.2020 to 30.04.2021. The Board noted the information. (**Annexure- VIII**).

Agenda item No.10: 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.11: Consideration of proposals for Inclusion of New Molecules/substances in the Schedule to the Insecticides Act, 1968.

The Board deliberated the agenda in detail and decided to include 4 molecules out of 5, in the Schedule to the Insecticides Act, 1968. The complete list along with the decision of the Board is annexed at (**Annexure X**).

Agenda item No.12: 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 60th meeting of the Central Insecticides Board held on
11th May 2021 at 16:00Hrs (Through Video Conferencing)**

Board Chairman/ Members

1. Dr. Kanwar Sen, Addl. Director-General of Health Services, New Delhi
2. Dr S.P. Shani, Deputy Drug Controller of India (DDCI), New Delhi
3. Dr. Ravi Prakash, Plant Protection Adviser, Directorate of Plant Protection, Quarantine and Storage, Faridabad
4. Dr. J.P. Singh, APPA & Secretary(CIB&RC), Directorate of Plant Protection, Quarantine and Storage, Faridabad
5. Sh. B. L. Bairwa, Deputy Director-General, Directorate General of Factory Advice Services and Labour Institutes, Mumbai
6. Dr. Ram Singh, National Centre for Disease Control.
7. Dr. K.A. Subramanian, Scientist, Zoological Survey of India, Kolkata
8. Dr. Devi Shankar Suman, Scientist 'D', Zoological Survey of India, Kolkata
9. Capt. Nitin Mukesh, Nautical Surveyor, Mercantile Marine Department O/o Director General of Shipping.
10. Dr. Kamrajau Raghvendra, Scientist F, Laboratory Head, National Institute of Malaria Research (NIMR)
11. Sh. B M Sahare, Additional Director, Department of Farmers Welfare and Agriculture Development, M.P.
12. Dr. S. C. Khurana, Lead Expert, FSSAI.
13. Dr. Vishal Choudhary, Dy. Industrial Advisor (Chemicals), DCPC, erstwhile Directorate-General of Technical Development.
14. Dr. Jitendra Kumar, Director, IPFT, Ministry of Petroleum and Chemicals.

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

1. Dr. Vandana Seth, JD (Chem),
2. Sh. Hari Om Miglani, Sr.LO,
3. Sh. A. K. Reddy, DD(WS),
4. Sh. Kiran W. Deshkar, DD (E),
5. Dr. K. L. Gurjar, DD(PP),
6. Dr. Sneha Potdar, DD (Chem),
7. Dr. Brijesh Tripathi, AD (Chem),
8. Sh. Niraj Kulshrestha, LO,
9. Ms. Raunaq, AD (Chem),
10. Sh. A D Bhatt, PPO(Chem.),
11. Sh. J K Meena, SO (CIR-II),

Annexure-II**Follow-up /Action taken report on 59th CIB meeting:**

The 59th meeting of the Central Insecticides Board (CIB) was held on 12.11.2020 at 1600 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 58 th meeting of CIB held on 22.05.2020	<p>The Board confirmed minutes of the 58th meeting of the CIB and noted the points raised by the representative from Directorate General of Factory Advice Services and Labour Institutes as follows:</p> <p>i. With regards to making a suitable correction of the name of the organisation, in the list of the board members, at Sl. No. 5, Column No.2, from “The Chief Advisor of Factories” to “Directorate General of Factory Advice Services and Labour Institutes”. The Board took cognizance of the issue of change of nomenclature of the organisation and decided that the same shall be “Director General of Factory Advice Services and Labour Institutes”, formerly known as “The Chief Advisor of Factories”.</p>	<p>i) The requisite correction in the mailing address was made.</p> <p>ii) Directorate General of Factory Advice Services and Labour Institutes has been communicated for needful action at their end.</p>

		ii. With regards to include prescribing 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 sought from the proposer, for examination and consideration by the Board in its next meeting.	As and when proposal is received from the member, same will be examined and submitted to the board.
Agenda Item No. 2	Follow-up action on the decision of the 58 th Meeting of the CIB	The Board noted the follow-up actions on the decisions of the 58 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	Progress Report	The Board noted the progress of the Registration Committee, Central Insecticides Laboratory, Techno-legal Cell and RPTL's with satisfaction.	No Action Required
Agenda Item No. 4	Major achievements of Secretariat of CIB&RC during the period 01.05.2020 to 31.10.2020	The Board with satisfaction noted the major achievements of the Secretariat of CIB&RC during the period 01.05.2020 to 31.10.2020 and appreciated the special efforts made to reduce pendency and further simplify the guidelines for registration.	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	No Action Required

		section 9(3) of the insecticide Act, 1968.	
Agenda Item No. 6	Considerations of Amendments in the rules vide Notification issued by Ministry of Agriculture and Farmers Welfare.	The Board deliberated the Notifications issued by the Ministry of Agriculture and Farmers Welfare especially the GSR No. 355(E) dated 04.06.2020 and agreed to the amendments proposed.	No Action Required
Agenda Item No. 7	Follow up action on agenda item no. 9 of 58 th CIB Meeting about the reframing of the bye-laws of the Central Insecticides Board.	The Board noted the status report.	No Action Required
Agenda Item No. 8	Consultation/ Consent to Agriculture Department Tamil Nadu regarding amendment/change in "Tamil Nadu Insecticide (Appeal) Rules 2020" required under Section 37 of the Insecticides Act, 1968.	The Board observed that the State Government has the power to make rules as proposed and further consultation with the Board is a prerequisite for the purpose. Accordingly, after deliberations, the board decided to agree with the proposal of the State Agriculture Department Tamil Nadu and approved the same.	Communicated to State Agriculture Department Tamil Nadu for necessary action. Now, no action is required.
Agenda Item No. 9	Consultation/Consent to Agriculture Department, Chhattisgarh regarding the enactment of the "Chhattisgarh Insecticide (Appeal) Rules 2016" required under Section 37 of the Insecticides Act, 1968.	The board decided to agree with the proposal of the State Agriculture Department Chhattisgarh and approved the same.	Communicated to State Agriculture Department Chhattisgarh for necessary action. Now, no action is required.
Agenda Item No. 10	Required modification/ amendments in the Schedule to the Insecticides Act, 1968	The Board deliberated the agenda in detail and appreciated the efforts made by the group for compiling the information in a comprehensive and consolidated manner. Few	A public notice was issued on 15.12.2020, seeking suggestions/ objections within 30 days. Suggestions/

		members had some observations regarding the findings. The Board directed these members to submit the observations, if any, in writing/email. Further, it was decided that a public notice be issued on the website of the Secretariat of CIB&RC for seeking information from the concerned stakeholders within one month, on the changes proposed by the group, before submitting the final proposal for change in the Schedule by the board in the next meeting.	objections so received, evaluated, and are ready to place before the forthcoming Board meeting.
Agenda Item No. 11	Consideration of cases of application for enhancement of shelf-life from one year to two years registered u/s 9(3) of the Insecticides Act, 1968	The Board noted the progress made by the CIB&RC enhancement of shelf-life from one year to two years registered u/s 9(3) of the Insecticides Act, 1968.	No Action Required
Agenda Item No. 12	Import permit issued for multi-use/dual-use (non-insecticidal purpose)	The Board noted the progress made by the CIB&RC in approving import permit issued for multi-use/dual-use (non-insecticidal purpose)	No Action Required
Agenda Item No. 13	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. 14	Consideration of proposals for Inclusion of New Molecules/ substances in the Schedule to the	The Board deliberated the agenda in details and decided to include 9 molecules out of 13, in the Schedule to The Insecticides Act, 1968.	Communicated to DAC&FW for notification of approved molecules.

	Insecticides Act, 1968.		Notification S.O. 826(E) dated 18 th February 2021, issued by the DAC&FW.
Agenda Item No. 15	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-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.	Saflufenacil Technical 94.5% w/w min.	TI	423
2.	Saflufenacil 70% WG	FI	423
3.	Fenoxaprop-p-ethyl 9% w/w DF	FIM	423
4.	Topramezone Technical 95.8% w/w min.	TI	423
5.	Cartap Hydrochloride 7.5% w/w + Emamectine Benzoate 0.25% w/w GR	FIM	423
6.	Pyrifthalid 31.0% + Bensulfuron methyl 15.7% SC	FIM	424
7.	Pyrifthalid Technical 98% w/w min.	TI	424
8.	Fipronil 0.6% WG	FIM	424
9.	Flocoumafen 0.005% BB (Strom)	FI-WRT	424
10.	Prochloraz 34.8% + Propiconazole 7.8% EC	FIM	425
11.	Dinotefuran 4% + Acephate 50% SG	FIM	425
12.	Clomazone 22.5% + Metribuzin 21% W	FIM	425
13.	Triflumizole 42.14% w/w SC	FI-WRT	425
14.	Diafenthiuron 30% + Pyriproxifen 8% w/w SE	FIM	426
15.	Propanil 80% w/w DF	FIM	426
16.	Cyclanilide technical 97% w/w min	TI	427
17.	Prochloraz 39.6% w/w EC	FIM	427
18.	Benzpyrimoxam technical 93.7% min	TIM	427
19.	Tebuconazole 15% + Zineb 57% w/w WDG	FIM	427
20.	Quizalofop ethyl 4% + Oxyfluorfen 6% EC	FIM	427
21.	Polyoxin D Zinc salt 5% SC	FI-WRT	427
22.	Tetraniliprole technical 89% w/w min.	TI	427
23.	Tetraniliprole 18.18% w/w SC	FIM	427
24.	Clothianidin 0.5% w/w GR	FIM	427

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.	Dinotefuron 20.0% w/w SG	FIM Vs FIT	422
2.	Imidacloprid 0.03% w/w Gel	FIM Vs FIT	422
3.	Copper hydroxide technical 87.6% w/w min	TI	422
4.	Fenazaquin 18.3% SC (200 SC)	FIM	422
5.	Imazethapyr Technical 95% w/w min.	TI Vs TIM	423
6.	Chlorfenapyr Technical 94% w/w min	TI	423
7.	Gibberellic Acid Technical 90% w/w min.	TI Vs TIM	424
8.	Azoxystrobin Technical 97% w/w min	TI Vs TIM	424
9.	Imazethapyr Technical 97% w/w min.	TI	424
10.	Bifenthrin Technical 96% w/w min.	TI VS TIM	424
11.	Flonicamid Technical 96% w/w min.	TIM Vs FI	424
12.	Chlorantraniliprole Technical 93.00% w/w min.	TIM	425
13.	Flonicamid technical 98% w/w min.	TIM	425
14.	Flonicamid technical 96% w/w min	TIM	425
15.	Tembotrione Technical 94.00% w/w min.	TIM	425
16.	Oxyfluorfen Technical 97.00% w/w min.	TIM	425
17.	Azoxystrobin Technical 95% w/w min.	TIM	425
18.	Chlorantraniliprole Technical 93.00% w/w min.	TIM	425
19.	Clomazone Technical 90.00% w/w min.	TIM	425
20.	Clothianidin Technical 95% w/w min	TI	425
21.	Spinetoram Technical 81.2% w/w min.	TI	425
22.	Spinetoram 11.7% SC	FIM Vs FI	425
23.	Lambda cyhalothrin 2.43% w/w CS	FI	425
24.	Tricyclazole technical 95% w/w min.	TI	425
25.	Thiamethoxam technical 98% w/w min.	TI	426
26.	Picoxystrobin Technical 96% w/w	TIM Vs TI	426
27.	Metiram Technical 90% w/w min.	TIM Vs TI	426

28.	Chlorantraniliprole 35% WG	FI	426
29.	Ethiprole technical 94.5% min.	TIM Vs TI	426
30.	Bispyribac sodium Technical 96% w/w min.	TI Vs TIM	426
31.	Carbendazim technical 98% w/w min.	TI Vs TIM	426
32.	Glyphosate technical 95% w/w min.	TI Vs TIM	426
33.	Lambda cyhalothrin technical 95% w/w min.	TI Vs TIM	426
34.	Cyhalofop butyl Technical 97.4% w/w min	TI Vs TIM	426
35.	Ametryn Technical 95% w/w min.	TIM Vs FI	426
36.	Thiocyclam hydrogen oxalate Technical 87.5% min.	TIM Vs TI	426
37.	Flonicamid Technical 96% w/w min	TIM Vs FIM	426
38.	Halosulfuron-methyl Technical 97% w/w min	TIM Vs FI	426
39.	Acetamiprid technical 99% w/w min.	TI Vs TIM	427
40.	Fipronil Technical 97% w/w min.	TI Vs TIM	427
41.	Bispyribac sodium 10% w/v SC	FIM Vs FIT	427
42.	Topramezone technical 95.8% min	TIM Vs FI	427
43.	Pinoxaden technical 95% w/w min	TIM Vs TI	427
44.	Metalaxyl-M Technical 94% min	TIM Vs TI	427

Annexure- V**List of new/ already registered bio- pesticides approved by registration committee u/s 9(3)/9(3b) of the Insecticide Act 1968.**

S.No	Name of the Bio-pesticide	Name of registrant company	Strain designation and accession no.	RC no
1.	Bacillus subtilis 1.5% AS	M/s Agriya Agro Tech	Strain –KTSB Accession No-MTCC-5786	422
2.	Trichoderma viride 1.0% WP	M/s Mukti Organic Fertilizers Pvt. Ltd.,	Strain –TNAU TV-1 Accession No-ITCC-6914	422
3.	Trichoderma viride 1.5% WP	M/s Greenvention Biotech Pvt. Ltd.,	Strain-IIHR-TV-5 Accession No-ITCC No-6889	422
4.	Trichoderma viride 1.5% WP	M/s Probitek Biotech	Strain-IIHR-TV-5 Accession No-ITCC No-6889	422
5.	Trichoderma viride 1.5% WP	M/s Akash Laboratories	Strain-IIHR-TV-5 Accession No-ITCC No-6889	422
6.	Trichoderma viride 1.5% WP	M/s Synergy Agro BioTech	Strain-IIHR-TV-5 Accession No-ITCC No-6889	422
7.	Trichoderma harzianum 1.0% WP	M/s Best Crop Science LLP	Strain-IIHR-Th-2 Accession No-ITCC No-6888	422
8.	Trichoderma harzianum 1.0% WP	M/s Curative Microbes Pvt. Ltd.,	Strain-IIHR-Th-2 Accession No-ITCC No-6888	422
9.	Beauveria bassiana 1.15% WP	M/s Khedut Beej Nigam	Strain BB-ICAR-RJP Accession No-MCC-1022	422
10.	Beauveria bassiana 1.15% WP	M/s Total Agri Care Concern P. Ltd., f	Strain BB-ICAR-RJP Accession No-MCC-1022	422
11.	Beauveria bassiana 1.15% WP	M/s Green life Biotech Laboratory	Strain BB-ICAR-RJP Accession No-MCC-1022	422
12.	Pseudomonas fluorescens 1.0% WP	M/s Vidarbha Biotech Lab	Strain –IIHR-PF-2 Accession No-ITCC B-0034	422
13.	Pseudomonas fluorescens 1.0% WP	M/s Muktai Organic Fertilizers Pvt. Ltd.,	Strain –IIHR-PF-2 Accession No-ITCC B-0034	422
14.	Verticillium chlamydosporium 1.0% WP	M/s Curative Microbes Pvt. Ltd.	Strain –IIHR-VC-3 Accession No-ITCC-6898	422
15.	Verticillium lecanii 1.15% WP	M/s Curative Microbes Pvt. Ltd.	Strain AS-MEGH-VL Accession No-MCC-1028	424
16.	Verticillium chlamydosporium 1% WP	M/s Jay Research and Biotech India Pvt. Ltd.,	Strain –IIHR-VC-3 Accession No-ITCC-6898	424
17.	Metarhizium anisopliae 10% GR	M/s Gaiagen Tech. Pvt. Ltd.,	Strain BCRL-MC Accession No—ITCC-6911	424
18.	Trichoderma harzianum 1% WP	M.s Varsha Bioscience & Technology India P. Ltd	Strain-IIHR-Th-2 Accession No-ITCC No-6888	424
19.	Beauveria bassiana 1.15% WP	M/s ADASCA	Strain BB-ICAR-RJP Accession No-MCC-1022	424
20.	Pseudomonas fluorescens 1% WP	M/s ADASCA	Strain –IIHR-PF-2 Accession No-ITCC B-0034	424
21.	Trichoderma harzianum 1% WP	M/s ADASCA	Strain-IIHR-Th-2 Accession No-ITCC No-6888	424
22.	Trichoderma viride 1.5% WP	M/s ADASCA	Strain-IIHR-TV-5 Accession No-ITCC No-6889	424
23.	Verticillium lecanii 1.15% WP	M/s ADASCA	Strain AS-MEGH-VL Accession No-MCC-1028	424
24.	Verticillium chlamydosporium 1% WP	M/s ADASCA	Strain –IIHR-VC-3 Accession No-ITCC-6898	424

25.	Trichoderma viride 1.0% WP	M/s Agriya Agro Tech,	Strain-IIHR-TV-5 Accession No-ITCC No-6889	424
26.	Pseudomonas fluorescens 1.0% WP	M/s Siddaganga Oil and Bio Industries LLP	Strain –IIHR-PF-2 Accession No-ITCC B-0034	424
27.	Metarhizium anisopliae 10% GR	M/s Gaiagen Tech	Strain BCRL-MC Accession No—ITCC-6911	424
28.	Trichoderma harzianum 1% WP	M/s Shri Ram Solvent Extraction Pvt. Ltd.	Strain-IIHR-Th-2 Accession No-ITCC No-6888	424
29.	Trichoderma viride 1% WP	M/s HIL (India) Ltd	Strain –TNAU TV-1 Accession No-ITCC-6914	424
30.	Verticillium lecanii 1.15% WP	M/s Warkem Biotech Pvt. Ltd	Strain AS-MEGH-VL Accession No-MCC-1028	424
31.	Beauveria bassiana 1.15% WP	M/s Warkem Biotech Pvt. Ltd	Strain BB-ICAR-RJP Accession No-MCC-1022	424
32.	Trichoderma viride 1.5% WP	M/s Anshul Agro Chemicals	Strain-IIHR-TV-5 Accession No-ITCC No-6889	424
33.	Beauveria bassiana 1.15% WP	M/s Symbioties Biological	Strain BB-ICAR-RJP Accession No-MCC-1022	424
34.	Trichoderma viride 1.5% WP	M/s Symbioties Biological	Strain-IIHR-TV-5 Accession No-ITCC No-6889	424
35.	Beauveria bassiana 1.15% WP	M/s Peptech Biosciences Ltd.,	Strain BB-ICAR-RJP Accession No-MCC-1022	424
36.	Pseudomonas fluorescens 1.0% WP	M/s Ajay Bio-Tech (India) Ltd.,	Strain –IIHR-PF-2 Accession No-ITCC B-0034	424
37.	Trichoderma viride 1.5% WP	M/s Greenlife Biotech Laboratories	Strain-IIHR-TV-5 Accession No-ITCC No-6889	424
38.	Pseudomonas fluorescens 1.0% WP	M/s Curative Microbes Pvt. Ltd.,	Strain –IIHR-PF-2 Accession No-ITCC B-0034	424
39.	Beauveria bassiana 1.15% WP	M/s Amit Biotech Pvt. Ltd.,	Strain BB-ICAR-RJP Accession No-MCC-1022	424
40.	Trichoderma harziaum 1.0% WP	M/s Amit Biotech Pvt. Ltd.	Strain-IIHR-Th-2 Accession No-ITCC No-6888	424
41.	Verticillium lecanii 1.15% WP	M/s Arya Biotech and Research Laboratories	Strain AS-MEGH-VL Accession No-MCC-1028	424
42.	Trichoderma viride 1.0% WP	M/s Arya Biotech and Research Laboratories	Strain-TNAU TV-1 Accession No-6914	424
43.	Trichoderma viride 1.5% W	M/s Durva Biotech,	Strain-IIHR-TV-5 Accession No-ITCC No-6889	424
44.	Beauveria bassiana 1.15% WP	M/s Manshya Enviro-Biotech Pvt. Ltd	Strain BB-ICAR-RJP Accession No-MCC-1022	424
45.	Verticillium lecanii 1.15% WP	M/s Manshya Enviro-Biotech Pvt. Ltd	Strain AS-MEGH-VL Accession No-MCC-1028	424
46.	Pseudomonas fluorescens 1.0% WP	M/s Manshya Enviro-Biotech Pvt. Ltd	Strain –IIHR-PF-2 Accession No-ITCC B-0034	424
47.	Verticillium lecanii 1.15% WP	M/s Microbax (India) Ltd.,	Strain AS-MEGH-VL Accession No-MCC-1028	424
48.	Beauveria bassiana 1.15% WP	M/s Yashwantrao Mohit Krishna Sahakari Sakhar Karkhana Ltd.,	Strain BB-ICAR-RJP Accession No-MCC-1022	424
49.	Trichoderma viride 1.5% WP	M/s Amar Bio Tech.,	Strain-IIHR-TV-5 Accession No-ITCC No-6889	424
50.	Metarhizium anisopliae 10% GR	M/s Gaiagen Tech. Pvt. Ltd.,	Strain BCRL-MC Accession No—ITCC-6911	424
51.	Metarhizium anisopliae 1.0% WP	M/s SKR Agrotech,	Strain IPL/KC/44 Accession no ITCC-6895	425

52.	Trichoderma viride 1.5% WP	M/s Patanjali Bio Research Institute Pvt. Ltd.,	Strain-IIHR-TV-5 Accession No-ITCC No-6889	425
53.	Trichoderma harzianum 1.0% WP	M/s Patanjali Bio Research Institute Pvt. Ltd.,	Strain-IIHR-Th-2 Accession No-ITCC No-6888	425
54.	Trichoderma viride 1.5% WP	M/s Gokulam Enterprises,	Strain-IIHR-TV-5 Accession No-ITCC No-6889	425
55.	Beauveria bassiana 1.15% WP	M/s Gujarat Green Crop Care	Strain BB-ICAR-RJP Accession No-MCC-1022	425
56.	Metarhizium anisopliae 1.0% WP	M/s SKR Agrotech,	Strain-IPL/KC/44 Accession No-6895	425
57.	Trichoderma viride 1.5% WP	M/s Gujarat Life Sciences (P) Ltd.,	Strain-IIHR-TV-5 Accession No-ITCC No-6889	425
58.	Trichoderma harzianum 1.0% WP	M/s Devi Biotech Pvt. Ltd.	Strain-IIHR-Th-2 Accession No-ITCC No-6888	425
59.	Bacillus subtilis 1.5% AS	M/s Indore Biotech Inputs and Research (P) Ltd.,	Strain -KTSB Accession No-MTCC-5786	425
60.	Trichoderma viride 1.5% WP	M/s Prabhat Fertilizer and Chemical Works,	Strain-IIHR-TV-5 Accession No-ITCC No-6889	425
61.	Pseudomonas fluorescens 1.0% WP u	M/s Warkem Biotech Pvt. Ltd.,	Strain -IIHR-PF-2 Accession No-ITCC B-0034	425
62.	Beauveria bassiana 1.15% WP	M/s Super Agro India Pvt. Ltd.,	Strain BB-ICAR-RJP Accession No-MCC-1022	425
63.	Trichoderma viride 1.5% WP	M/s ChitraAgriOrganic Unit of Chaitra Fertilizers & Chemicals (P) Ltd.,	Strain-IIHR-TV-5 Accession No-ITCC No-6889	425
64.	Pseudomonas fluorescens 1.0% WP	M/s Shree Gajanan Agro Industries, Pune	Strain -IIHR-PF-2 Accession No-ITCC B-0034	425
65.	Verticillium lecanii-1.15% WP	M/s Shree Gajanan Agro Industries, Pune	Strain AS-MEGH-VL Accession No-MCC-1028	425
66.	Bacillus subtilis 1.5% AS	M/s Shree Gajanan Agro Industries, Pune	Strain -KTSB Accession No-MTCC-5786	425
67.	Verticillium Chlamydosporium 1.0% W	M/s Ajay Bio-Tech (India) Ltd.,	Strain -IIHR-VC-3 Accession No-ITCC-6898	425
68.	Verticillium Chlamydosporium 1.0% W	M/s Tropical Biosciences Pvt. Ltd., Chennai	Strain -IIHR-VC-3 Accession No-ITCC-6898	425
69.	Trichoderma viride 1.5% WP	M/s Bio Farm, Coimbatore,	Strain-IIHR-TV-5 Accession No-ITCC No-6889	425
70.	Trichoderma viride 1.5% WP	M/s Shiv Paramount Organics & Fertilizers Pvt. Ltd	Strain-IIHR-TV-5 Accession No-ITCC No-6889	425
71.	Bacillus subtilis 1.5% AS	M/s Kanbiosys Pvt. Ltd., Pune	Strain -KTSB Accession No-MTCC-5786	425
72.	Beauveria bassiana 1.15% WP	M/s Shree Ganana Agro Industries, Pune	Strain BB-ICAR-RJP Accession No-MCC-1022	425
73.	Trichoderma viride 1.5% WP	M/s LiebigagroChem Pvt. Ltd.	Strain-IIHR-TV-5 Accession No-ITCC No-6889	425
74.	Pseudomonas fluorescens 1.0% WP	M/s LiebigagroChem Pvt. Ltd.,	Strain -IIHR-PF-2 Accession No-ITCC, B-0034	425
75.	Trichoderma viride 1.5% WP	M/s KrishiVigyan Kendra, Amravati,	Strain-IIHR-TV-5 Accession No-ITCC No-6889	425
76.	Trichoderma viride 1.5% WP	M/s Shree Gajanan Agro Industries, Pune	Strain-IIHR-TV-5 Accession No-ITCC No-6889	425
77.	Beauveria bassiana 1.15% WP	M/s Greenvention Biotech Pvt. Ltd., Pune	Strain BB-ICAR-RJP, Accession No. MCC-1022	425
78.	Trichoderma viride 1.5% WP	M/s Harit Kranti Jaiv Urvarak Utpadan Kendra	Strain-IIHR-TV-5 Accession No-ITCC No-6889	425
79.	Pseudomonas fluorescens 1.0% WP	M/s Patanjali Bio Research Institute Pvt. Ltd.,	Strain -IIHR-PF-2 Accession No-ITCC B-0034	425

80.	Trichoderma harzianum 1.0% WP	M/s Sanjivani Agri Solution, Gujarat	Strain-IIHR-Th-2 Accession No-ITCC No-6888	425
81.	Trichoderma viride 1.0% WP	M/s Gujarat Green Crop Care, Gujarat	Strain-TNAU TV-1 Accession No-6914	425
82.	Trichoderma harzianum 1.0% WP	M/s Maruti Agro Biotech, Gujarat	Strain-IIHR-Th-2 Accession No-ITCC No-6888	425
83.	Pseudomonas fluorescens 1.0% WP	M/s Multiplex Bio-tech Pvt. Ltd., Bangalore	Strain –IIHR-PF-2 Accession No-ITCC B-0034	425
84.	Trichoderma harzianum 1% WP	M/s State bio-fertilizer quality control laboratory, Rajasthan	Strain No. (Th3) Accession No-ITCC-5593	426
85.	Beauveria bassiana 1.15% WP	M/s International Biotech	Strain BB-ICAR-RJP Accession No-MCC-1022	426
86.	Pseudomonas fluorescens 1.0% WP	M/s Prabhat Fertilizer and Chemical Works	Strain –IIHR-PF-2 Accession No-ITCC B-0034	426
87.	Beauveria bassiana 1.15% WP	M/s Aaryaman Sugar and Seeds Pvt. Ltd.,	Strain BB-ICAR-RJP Accession No-MCC-1022	426
88.	Verticillium chlamydosporium 1% WP u	M/s Multiplex Bio-Tech Pvt. Ltd.,	Strain –IIHR-VC-3 Accession No-ITCC-6898	426
89.	Verticillium lecanii 1.15% WP	M/s Aaria Bio-Life sciences Research Pvt. Ltd.	Strain AS-MEGH-VL Accession No-MCC-1028	426
90.	Trichoderma reesei 3% WP	M/s.ICAR-Central Institute for Subtropical Horticulture, Lucknow	Strain No-CSRT-3 Accession No NAIMCC-SF0030	427
91.	Bacillus subtilis 1.5% AS	M/s Microbax (India) Ltd.,	(Strain KTSB1015, Accession No. MTCC 5786	427
92.	Verticillium lecanii 1.15% WP	M/s Gujarat Life Sciences (P) Ltd	Strain AS-MEGH-VI, Accession No. MCC 1028)	427
93.	Beauveria bassiana 1.15% W	M/s Gujarat Life Sciences (P) Ltd.,	Strain BB-ICAR-RJP, Accession No. MCC-1022	427
94.	Verticillium chlamydosporium 1.0% WP	M/s Dscign Biosys Pvt. Ltd	Strain IIHR-VC-3, Accession No. ITCC-6898	427
95.	Verticillium chlamydosporium 1.0% WP	M/s Amar Bio Tech.,	Strain IIHR-VC-3, Accession No. ITCC-6898	427
96.	Beauveria bassiana 1.15% WP	M/s Biofarm,	Strain BB-ICAR-RJP, Accession No. MCC-1022	427
97.	Verticillium lecanii 1.15% WP	M/s M.D. Biocoals Pvt. Ltd	Strain AS-MEGH-VI, Accession No. MCC 1028	427
98.	Verticillium lecanii 1.15% WP	M/s International Biotech	Strain AS-MEGH-VI, Accession No. MCC 1028	427
99.	Trichoderma viride 1.5% WP	M/s Bloom Biotech	Strain IIHR-TV-5, Accession No. ITCC-6889)	427
100.	Trichoderma viride 1.5% WP	M/s Best Crop Science LLP,	Strain IIHR-TV-5, Accession No. ITCC-6889)	427
101.	Trichoderma viride 1.5% WP	M/s M.D. Biocoals Pvt. Ltd.	Strain IIHR-TV-5, Accession No. ITCC-6889	427
102.	Verticillium chlamydosporium 1.0% WP	M/s Patanjali Bio Research Institute Pvt. Ltd.,	Strain IIHR-VC-3, Accession No. ITCC6898	427
103.	Verticillium chlamydosporium (pochoniachlamydosporia) 1.0% WP	M/s Koppert Sustainable solutions (India) Ltd.	Strain IIHR-VC-3, Accession No. ITCC6898	427
104.	Verticillium chlamydosporium 1.0% WP	M/s Biocoals Pvt. Ltd.	Strain IIHR-VC-3, Accession No. ITCC6898	427
105.	Trichoderma harzianum 1.0% WP	M/s Ajay Bio-Tech (India) Ltd.,	Strain IIHR-TV-2, Accession No. ITCC-6888)	427
106.	Pseudomonas fluorescens 1% WP	M/s Ampira Biobact Pvt. Ltd.,	Strain IIHR-PF-2, Accession No. ITCC No. B0034	427

Annexure-VI**List of Additional packing for approved pesticides**

Sl. No.	RC	Name of company	Product	Type of packing
1.	425	M/s Crystal Crop Protection Ltd.	Emamectin Bezoate 5% SG	Additional primary packing of 10gm, 50gm and 250gm capacity in HDPE bottle.
2.	425	M/s Crystal Crop Protection Ltd.	Penoxsulam 21.7% SC	Additional primary packing of 50ml capacity in HDPE bottle along with an endorsement for new secondary packing for 37.5ml, 50ml, 100ml and 250ml primary pack of HDPE bottle.
3.	426	M/s Godrej Consumer Products Ltd	Transfluthrin 1.6% Liquid Vaporise	Additional packing of Transfluthrin 1.6% Liquid Vaporise in PET bottle as primary packing and printed carton having a pack of 4 refills (45 ml each) of PET bottle as secondary packing and corrugated box as transport packing.
4.	426	M/s Gharda Chemicals Ltd.	Fipronil Technical 92% min	Additional packing in fiberboard container with HDPE liner as transport packing up to 440 lbs or 400 lbs (UN) capacity.
5.	426	M/s Godrej Consumer Products Ltd.	Transfluthrin 1.6% LV	Additional primary packing of 60ml in PET bottle/refill and secondary and transport packing in 5 different manners in printed carton and corrugated box.
6.	426	M/s Crystal Crop Protection Ltd.	Emamectin benzoate 1.5 + Fipronil 3.5% SC	Secondary packing of 100 and 250 ml capacity of HDPE container in a mono carton.
7.	426	M/s UPL Ltd.	Magnesium phosphide plates (56% min.)	Additional packing of 117 g capacity of Magnesium phosphide plates (56% min.) in trilaminated aluminium foil pouch as primary packing, inner carton up to 1.17 kg as secondary packing and CFB box up to 7.02 kg capacity as transport packing.
8.	426	M/s Dhanuka Agritech Ltd.	Bifenthrin 8% SC	Additional packing for Bifenthrin 8% SC of 5000 ml pack size in HDPE container conforming to IS 12512: 1989 and 5 ply corrugated fiber board box of capacity 1 kg as transport packing.
9.	426	M/s Crystal Crop Protection Ltd.	Quizalofop ethyl 5% EC	Secondary packing in Mono carton (paper board carton) of 300 GSM for pack size of capacity 100 ml, 250 ml of aluminium container and 5 ply corrugated fiber board box as transport packing.
10.	426	M/s Crystal Crop Protection Ltd.	Quizalofop ethyl 10% EC	Secondary packing in mono cartaan (paper board carton) of 300 GSM for pack size of capacity 100 ml and 250 ml of Aluminium

				container and 5 ply corrugated fiber board box as transport packing.
11.	426	M/s Krishi Rasayan Exports Pvt. Ltd.	Glyphosate technical	Additional packing in (FIBC bag) white coated woven square type quadrangle hanging container bag of 600 kg capacity with inside transparent LDPE liner film bag for import.
12.	426	M/s Crop Life Science Ltd.	Hexaconazole 75% WG	Additional packing in size of 6 gm in Tri-laminated pouches which shall be further packed in inner mono carton and again repacked in 5-ply CFB boxes for Hexaconazole 75% WG.
13.	427	M/s Bayer CropScience Ltd	Penflufen 22.43% w/w FS	Additional packing in an intermediate bulk container (IBC) made up of High-Density Polyethylene (HDPE) of capacity 1000 litres.
14.	427	M/s Bayer CropScience Ltd	Penflufen 13.28% + Trifloxystrobin 13.28% FS	Additional packing in intermediate bulk container (IBC) made up of High Density Polyethylene (HDPE) of capacity 1000 liters.
15.	427	M/s Zobe Group India Pvt. Ltd.	Transfluthrin 1.6% LV	Additional packing of Transfluthrin 1.6% LV placing liquid refill bottle and heating device together in a secondary pack and 72 numbers of secondary packs in 5 ply CFB box as transport packing.
16.	427	M/s Syngenta India Ltd	Azoxystrobin technical	Additional primary packing of 50 kg in LDPE bags and fiber drum as a secondary packing/transport packing.
17.	427	M/s Ichiban Crop Science Ltd.	of Propineb 70% WP	Additional packing of Propineb 70% WP of capacity 50 kg in bulk pack polyethylene bag in HMHDPE drums.

List of New/ Alternate packing for approved pesticides

S. N	RC	Name of company	Product	Type of packing
1.	425	M/s Insecticides (India) Ltd.	Chlorpyrifos 2% RTU (RTU)	Alternate packing in 500 ml capacity in PET bottle with secondary and transport packing.
2.	425	M/s UPL Ltd	Emamectin benzoate 5% SG	Alternate packing in capacity of 250g (with secondary packing) and 500g packing in HDPE
3.	425	M/s Crystal Crop protection Ltd.	Emamectin benzoate 1.9% EC	Alternate primary packing of 200ml in HDPE bottle and secondary packing in mono carton (paper board carton) for pack size of 50ml, 100ml, 200ml and 250ml.
4.	425	M/s DhanukaAgritech Ltd.	Quizalofop Ethyl 5% EC	Alternate primary packing for 100, 250, 500, 1000 and 5000ml pack size in Co-extruded bottle and transport packing in Corrugated Fibre Board (CFB).
5.	425	M/s Godrej Agrovet Ltd.	Pyridaben 20% WP	Alternate packaging in trilaminated pouch for 50g, 100g, 200g, 500g, 1000g and 2000g capacity.
6.	426	M/s Indofil Industries Ltd.,	Propergite 5% + Bifenthrin 5% SE	Alternate packaging system for 50 ml, 100 ml, 250 ml, 500 ml, 1 liter and 5 liter capacity in aluminium bottles/containers followed by secondary and transport packing.
7.	426	M/s FMC India Pvt. Ltd.	Bifenthrin 10% WP	Alternate packaging of 62.5 g capacity in aluminium bilaminated pouches of (12 micron PET + 75 micron LDPE) followed by secondary and transport packing.
8.	426	M/s Dhanuka Agritech Ltd.	Quizalofop ethyl 10% EC	Alternate primary packing in co-extruded bottle for pack size of capacity 100, 150, 250, 450, 500 and 1000 ml and 5 ply corrugated fiber board drum (CFB) box as transport packing.
9.	427	M/s Godrej Consumer Products Ltd	Pralletherin 0.05% Mosquito Coil	Alternate packing of 7 double coils (14 coils) in polyethene bag of thickness not less than 0.062 mm further packed in duplex carton as a secondary packing and 5 ply CFB box as a transport packing containing 36 numbers of secondary packing as per Is : 2771 (I) : 1975.

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

Sl. No.	Applicant (M/s)	Product Name	RC Number	Decision
1.	M/s Fil Industries Limited	Fipronil 4% + Thiamethoxam 4% SC	422	One year and Six months to Two years
2.	M/s Biogreen Technology Private Limited	Neem Based EC Containing Azadirachtin – 0.3% (3000 PPM) min	422	One year to Two years
3.	M/s Biogreen Technology Private Limited	Neem Based EC Containing Azadirachtin – 1% (10000 PPM) min	422	One Year to Two years
4.	M/s Fil Industries Limited	Propoxifen 10% + Bifenthrin 10% EC	422	One Year to Two years
5.	M/s Ichiban Crop Science Limited	Propoxifen 10% + Bifenthrin 10% EC	422	One Year to Two years
6.	M/s Newpack Agro Chem	Dimethoate 30% EC	422	One year to One year and six months
7.	See Ciba Crop Sciences	Emamectin Benzoate 5% SG	422	One year and six months to Two years
8.	Vinsent Crop Science Chemical Pvt Ltd	Emamectin Benzoate 5% SG	422	One Year to Two years
9.	Vinsent Crop Science Chemical Pvt Ltd	Pendimethalin 38.7% CS	422	One Year to Two years
10.	Vinsent Crop Science Chemical Pvt Ltd	Diafenthiuron 50% WP	422	One Year to Two years
11.	Vinsent Crop Science Chemical Pvt Ltd	Metribuzin 70% WP	422	One Year to Two years
12.	TStanes and Company Limited	Neem kernel Based EC Containing Azadirachtin – 0.3% (3000 PPM) min	422	One Year to Two years
13.	TStanes and Company Limited	Neem seed kernel Based EC Containing Azadirachtin – 1% (10000 PPM) min	422	One Year to Two years
14.	M/s Ravi Crop Science	Diuron 80% WP	422	One Year to Two years
15.	Saraswati Agro Chemicals (India) Private Limited	Profenofos 40% + Cypermethrin 4% EC	422	One Year to Two years
16.	Yawalkar Pesticides Pvt. Ltd.	Emamectin Benzoate 5% SG	422	One Year to Two years
17.	Yawalkar Pesticides Pvt.	Mancozeb 75% WP	422	One Year to Two years
18.	Yawalkar Pesticides Pvt.	Monocrotophos 36% SL	422	One year to One year and six months
19.	Yawalkar Pesticides Pvt.	Carbendazim 12% + Mancozeb 63% WP	422	One Year to Two years
20.	Yawalkar Pesticides Pvt. Ltd.	Quinalphos 25% EC	422	One Year to Two years

21.	Indichem	Temephos 50% EC	422	One Year to Two years
22.	M/s Krishi Rasayan	Diuron 80% WP	423	One year to Two years
23.	Kay Bee Bio-Organics Private Limited	Neem Seed Kernel Based EC containing Azadirachtin – 1% (10000 ppm)	424	One year to Two years
24.	Kay Bee Bio-Organics Private Limited	Neem Kernel Based EC containing Azadirachtin 0.3% w/w min. (3000 ppm)	424	One year to Two years
25.	India Pesticides Limited	Emamectin Benzoate 5% SG	424	One and half years to Two years
26.	Hikal Limited	Diuron 80% WP	424	One year to Two years
27.	Vinsent Crop Science Chemical Pvt Ltd	Acephate 50% + Imidacloprid 1.8% SP	425	One year to Two years
28.	Nichino India Private Limited (Formerly known as Hyderabad Chemical Private Limited)	Sulphur 80%WG	426	One year to Two years
29.	Atul Limited	Metribuzin 70%WP	426	One year to Two years
30.	Geolife Agritech India Pvt Ltd	Emamectin benzoate 5% SG	426	One and half years to Two years
31.	Shri Disha Biotech Private Limited	Neem seed karnal based EC Azadiractin 1%	426	One year to Two years
32.	Shri Disha Biotech Private Limited	Neem seed karnal based EC Azadiractin 0.3%	426	One year to Two years
33.	Elanta Agro Pvt.Ltd.	Ethaphon 39%SL	426	One year to Two years
34.	Kemicides Crop Protection Company	Neem seed karnal based EC Azadiractin 0.03%	426	One year to Two years
35.	Kemicides Crop Protection Private Limited	Neem seed karnal based EC Azadiractin 1%	426	One year to Two years
36.	Kemicides Crop Protection Private Limited	Quinalphos 25%EC	426	One year to Two years
37.	Kemicides Crop Protection Private Limited	Emamectin benzoate 5%SG	426	One year to Two years
38.	Kemicides Crop Protection Private Limited	Diuron 80%WP	426	One year to Two years
39.	Kemicides Crop Protection Private Limited	Pendimethalin 38.7%CS	426	One year to Two years
40.	Kemicides Crop Protection Private Limited	Carbendazim 12%+mancozeb 63%WP	426	One year to Two years
41.	Best Crop Science LLP	Pyriproxyfen tech 98% min	426	One year to Two years
42.	Best Crop Science LLP	Fipronil4%+Thiamethoxam 4%SC	426	One year to Two years
43.	Best Crop Science LLP	Pendimethalin 38.7%CS	426	One year to Two years
44.	M/s Ravi Crop Science	Fipronil4%+Thiamethoxam 4%SC	426	One year to Two years

45.	M/s Ravi Crop Science	Pyraclostrobin 20%WG	426	One year to Two years
46.	PENTA PHARMA PVT LTD	Fipronil4%+Thiamethoxam 4%SC	426	One year to Two years
47.	BASF INDIA LIMITED	Glufosinate Ammonium 13.5% SL	426	One year to Two years
48.	Kemicides Crop Protection Company	Metalaxyl 8% +Mancozeb645WP (WP)	426	One year to Two years
49.	Kemicides Crop Protection Company	Profenofos 40%+Cypermethrin4% (EC)	426	One year to Two years
50.	Kemicides Crop Protection Company	Metribuzine 70% WP	426	One year to Two years
51.	Kemicides Crop Protection Company	Neem Kernel Based EC Containing Azadirachtin 0.3% w/w min (3000 PPM)	426	One year to Two years
52.	Kemicides Crop Protection Company	Mancozeb 75% WP	426	One year to Two years
53.	Kemicides Crop Protection Company	Neem Seed Kernel Based EC Containing Azadirachtin 1% (10000 PPM) min.	426	One year to Two years
54.	Kemicides Crop Protection Company	Diuron 80% WP	426	One year to Two years
55.	Kemicides Crop Protection Company	Quinalphos 25% EC	426	One year to Two years
56.	Kemicides Crop Protection Company	Ethephon 39% SL	426	One year to Two years
57.	Kemicides Crop Protection Company	Metalaxyl 35% WS	426	One year to Two years
58.	Kemicides Crop Protection Company	Profenophos 50% EC	426	One year to Two years
59.	Kemicides Crop Protection Company	Fipronil 5% SC	426	One year to Two years
60.	Kemicides Crop Protection Company	Pendimethalin 38.7%CS	426	One year to Two years
61.	Kemicides Crop Protection Company	Quinalphos 25% EC	426	One year to Two years
62.	Kemicides Crop Protection Company	Neem Oil based EC containing azadirachtin 0.03%(300 ppm)	426	One year to Two years
63.	VINSENT CROP SCIENCE CHEMICAL PVT LTD	Quinalphos 25% EC	426	One year to Two years
64.	CROP LIFE SCIENCE LTD.	Neem Seed Kernel Based EC containing Azadirachtin - 1% (10000 ppm) min.	426	One year to Two years
65.	CROP LIFE SCIENCE LTD.	Carbendazim 50% WP	426	Two year to Five years
66.	CROP LIFE SCIENCE LTD.	Dimethoate 30% EC	426	One year to One and half year

67.	CROP LIFE SCIENCE LTD.	Quinalphos 25% EC	426	One year to Two years
68.	CROP LIFE SCIENCE LTD.	Sulphur 80% WP	426	One year to Two years
69.	Heli Electro Solutions Pvt. Ltd	Neem Kernel based EC containing Azadirachtin 0.3% w/w min (3000 PPM)	426	One year to Two years
70.	Heli Electro Solutions Pvt. Ltd	Neem Seed kernel based EC containing Azadirachtin 1% w/w min (10000 PPM)	426	One year to Two years
71.	DVS Chemical and Engineering Industries	Sulphur 80% WG	427	One year to Two years
72.	Hindustan Rasayan Pvt. Ltd	Pendimethalin 38.7%CS	427	One year to Two years
73.	Greencross Agro Chemicals Pvt Ltd	Quinalphos 25%EC	427	One and half years to Two years
74.	Kemicides Crop Protection Private Limited	Neem kernel based EC containing Azadirachtin 0.3% w/w min (3000 ppm)	427	One year to Two years
75.	TROPICAL AGROSYSTEMS (INDIA) PVT. LTD.	Diuron 80% WP	427	One year to Two years
76.	Elanta Agro Pvt.Ltd.	Emamectin benzoate 5% SG	427	One year to Two years
77.	Nichino India Private Limited (Formerly known as Hyderabad Chemical Private Limited)	Pendimethalin 38.7%CS	427	One year to Two years
78.	Coromandel International Limited	Neem oil based EC containing Azadirachtin 0.03% (300 ppm)	427	One year to Two years
79.	TROPICAL AGROSYSTEMS (INDIA) PVT. LTD.	Profenofos 40% + Cypermethrin 4% EC	427	One and half years to Two years
80.	TROPICAL AGROSYSTEMS (INDIA) PVT. LTD.	Neem oil based EC containing Azadirachtin 0.03% (300 ppm)	427	One year to Two years
81.	TROPICAL AGROSYSTEMS (INDIA) PVT. LTD.	Sulphur 80% WP	427	One year to Two years
82.	TROPICAL AGROSYSTEMS (INDIA) PVT. LTD.	Profenofos 50% EC	427	One and half years to Two years
83.	TROPICAL AGROSYSTEMS (INDIA) PVT. LTD.	Neem Seed Kernel Based EC containing Azadirachtin 1% (10000 ppm)	427	One year to Two years
84.	TROPICAL AGROSYSTEMS (INDIA) PVT. LTD.	Malathion 50% EC	427	One year to Two years

Annexure - VIII**Multi – use insecticides (Boric Acid) 422 RC**

Sr. No.	Applicants M/s	The decision of the Registration Committee
1.	M/s Navin Fluorine International Ltd	Approved 3000 MT of Boric Acid for the use in the manufacturing of Boron Trifluoride Gas and Boron Trifluoride Ethyl Ether

Multi-use insecticides (Other than Boric Acid) 422 RC

Sr. No.	Applicants M/s	The decision of the Registration Committee
1.	M/s Nishant Aromas Private Limited	Approved of 25 M.T of Eucalyptol (1.8 Cineol) for the use in the manufacturing of perfumery compounds and Fragrance Chemical
2.	M/s Gem Aromatics Pvt Ltd	Approved of 100 M.T of Eucalyptus Oil 60% to 80% for the use in the manufacturing of Flavours & Fragrance
3.	M/s Gem Aromatics Pvt Ltd	Approved of 100 M.T of Eucalyptol for the use in the manufacturing of Flavours and Fragrance
4.	M/s Sanjay Chemicals (India) Pvt. Ltd.	Approved 1000 M.T. of Thiourea for trading purpose.
5.	M/s DCM Shriram Industries Ltd. Unit:	Approved 600 M.T. of Sodium Cyanide for the use in the manufacturing of Benzylcyanide
6.	M/s Premier Intermediates Pvt. Ltd.	Approved 225 M.T. of Sodium Cyanide for the use in the manufacturing of Benzylcyanide
7.	M/s Neuland Laboratories Limited	Approved 250 M.T of Sodium Cyanide for the use in the manufacturing of (S)-2-Aminobutyramide – HCl (intermediate of Levetiracetam API)
8.	M/s Nishant Aromas Private Limited	Approved of 5 M.T of Eucalyptus Oil 60% to 80% for the use in the manufacturing of Perfumery Compounds, Fragrance Chemicals & Essential Oils
9.	M/s Nishant Aromas Private Limited	Approved of 5 M.T of Cineol (Eucalyptol) for the use in the manufacturing of Perfumery Compounds, Fragrance Chemicals & Essential Oils
10.	M/s UPL Ltd.	Approved of 3500 M.T of Sodium Cyanide for the use in the manufacturing of Glufosinate Ammonium Technical
11.	M/s Nishant Aromas Private Limited	Approved of 20 M.T of Eucalyptus Oil 60 to 80% for the use in the manufacturing of perfumery compounds and Fragrance Chemical
12.	M/s Euro fine Chemicals	Approved of 600 M.T of Sodium Cyanide for the use in the manufacturing of Cuprous

		Cyanide and Zinc Cyanide
13.	M/s Hindustan Zinc Limited, Yashad Bhawan, Swroop Sagar, Udaipur (Rajasthan)	Approved of 500 M.T of Sodium Cyanide for the use in the manufacturing of Zinc Concentrate and Lead Concentrate
14.	M/s Rathoure Trading Company	Approved of 430 M.T of Potassium Cyanide for Trading Purpose
15.	M/s Meghmani Organics Limited	Approved 700 M.T of Sodium Cyanide for the use in the manufacturing of Cypermethrin Technical
16.	M/s Arochem Industries Pvt Ltd	Approved of 4000 M.T of Mono Nitro Benzene for the use in the manufacturing of Resist Salt, Metanilic Acid, Aniline 2:5 Disulphonic Acid
17.	M/s Godrej Agrovvet Limited	Approved 38 M.T of 2,6-Dichloro benzonitrile for the use in the manufacturing of Herbicide Pyrethiobac Sodium Technica
18.	M/s Grauer & Weil (India Ltd)	Approved 90 M.T of Copper Cyanide for the use in the manufacturing of Cyano Copper Salt, Cyano Dull Copper Salt, Rochelle Copper Salt, Zinco Brass Salt, Coppe Conducting salt, Cuprasol Rochelle Copper Salt, Norbond Rochelle Copper Salt, Zeeco Brass Salt, Super Brass Salt, Copper shine Rochelle Copper Salt, Cuprasol Rochelle Copper Salt M, Gorbond Copper Salt, White bronze salt 20, Cuproglo Salt A, Cupralink Copper Salt, Growbronze Salt A
19.	M/s BENZO CHEM INDUSTRIES PRIVATE LIMITED	Approved 450 M.T of Sodium Cyanide for the use in the manufacturing of 2,5 Dimethyl Acetyl Chloride, 2,4 Dichloro Phenyl Acetic Acid, 2,4 Dichloro Phenyl Acetyl Chloride, Ortho Methyl Phenyl Acetic Acid, Ortho Methyl Benzyl Cyanide, Para ChloroBenzyl Cyanide, Meta ChloroBenzyl Cyanide, Para ChloroPhenyl Acetic Acid, 2,4,6 MwthylPhenyl Acetyl Chloride, Ortho Chloro Phenyl Acetic Acid
20.	M/s Chemplast Sanmar Limited	Approved 181 M.T of Sodium Cyanide for the use in the manufacturing of AE-Phenol (4-(2-aminoethyl)-2- methoxy phenol & TR-1600 (2-amino-2- phenyl butyric acid sodium salt
21.	M/s Asian Chemtech Pvt Ltd	Approved 1000 M.T of Sodium Cyanide for trading purpose based on Poison License
22.	M/s Nishant Aromas Private Limited	Approved 25 M.T of Eucalyptol (1.8 Cineol) for the use in the manufacturing of perfumery compounds and Fragrance Chemical
23.	M/s Gem Aromatics Pvt Ltd	Approved 100 M.T of Eucalyptus Oil 60% to 80% for the use in the manufacturing of Flavours & Fragrance

24.	M/s Gem Aromatics Pvt Ltd	Approved 100 M.T of Eucalyptol for the use in the manufacturing of Flavours and Fragrance
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Multi-use insecticides (Other than Boric Acid) 423 RC

Sr. No.	Applicants M/s	The decision of the Registration Committee
1.	M/s Ipca Laboratories Limited	Approved 15 M.T. of Thiourea for the use in the manufacturing of Famotidine/ Famotidine-IP
2.	M/s Ramdev Chemical Pvt Ltd	Approved 25 M.T. of Thiourea for the use in the manufacturing of 2-amino-5-methyl Thiazole
3.	M/s Yamuna Metachem	Approved 100 MT of Sodium Cyanide for the use in the manufacturing of Brass Salt, Copper Cyanide, Copper Salt, Zinc Cyanide and Zinc Salt
4.	M/s Gharda Chemicals Limited	Approved 250 MT of Sodium Cyanide for the use in the manufacturing of Cypermethrin Tech, Deltamethrin Tech, Fipronil Tech
5.	M/s Sumitomo Chemicals India Limited	Approved 1300 MT of Yellow Phosphorous for the use in the manufacturing of Aluminium Phosphide and Zinc Phosphide
6.	M/s Aavishkar Industries,	Approved 7 MT of Piperonyl Butoxide for the manufacturing of Insecticides Aerosol Home Care Products
7.	M/s Swati Menthol & Allied Chemicals Ltd.	Approved 200 MT of Eucalyptol for manufacturing of Rectified Eucalyptus Oil, Pure Cineole, Cajeput oil, Cineole, Cineole 60%, Rectified Eucalyptol & Eucalyptus Oil Extra Pure
8.	M/s SarthiChem Tech Pvt. Ltd.	Approved 100 MT of Yellow Phosphorous for the use in the manufacturing of Aluminium Phosphide 6%, 15%, 56%, & 77.5% Tablet
9.	M/s DCM Shriram Industries Ltd. Unit	Approved 450 MT of Sodium Cyanide for the use in the manufacturing of D (-) Alpha Phenyl Glycine Base, Ortho Chloro Phenyl Glycine, Benzyl Cyanide/ Ortho Chloro Benzaldehyde, ((4R,6R)-6- Cyanomethyl-2,2-dimethyl,3]dioxin-4-yl)-Acetic Acid

Multi – use insecticides (Other than Boric Acid) 424 RC

Sr. No.	Applicants M/s	The decision of the Registration Committee
1	M/s Arch Pharmed Labs Limited	Approved 180 M.T. of Yellow Phosphorous for the use in the manufacturing of Phosphorous Trichloride
2	M/s Grauer & Weil (India)Ltd,	Approved 25 MT of Potassium Cyanide for use in the manufacturing of Metal and

		surface finishing chemicals, lubricants
3	M/s Grauer & Weil (India) Ltd.	Approved 111 MT of Sodium Cyanide for manufacturing of Metal and surface Finishing chemicals & Lubricants
4	M/s Tina Organics(P) Ltd,	Approved 77.12 M.T. of Yellow Phosphorus for the use in the manufacturing of Phosphorus Oxychloride (POCl ₃)

Multi-use insecticides (Boric Acid) 425 RC

Sr. No.	Applicants M/s	The decision of the Registration Committee
1	Orient Glazes Private Limited,	RC Approved 77 M.T. of Boric Acid for use in the manufacturing of Ceramic Glaze Frit/ Glaze Mix.
2	Orient Glazes Private Limited	RC Approved 103 M.T. of Boric Acid for the use in the manufacturing of Ceramic Glaze Frit/ Glaze Mix

Multi – use insecticides (Other than Boric Acid) 425 RC

Sr. No.	Applicants M/s	The decision of the Registration Committee
2	Ashoka Meta Chem Industries	RC Approved 37 M.T. of Copper Cyanide for the use in the manufacturing of Zinc Cyanide & Electroplating Salt & Electroplating Intermediates.
3	Ashoka Meta Chem Industries,	RC Approved 166 M.T. of Sodium Cyanide for the use in the manufacturing of Zinc Cyanide & Electroplating Salt & Electroplating Intermediates
4	Orient Glazes Private Limited,	RC Approved 77 M.T. of Boric Acid for use in the manufacturing of Ceramic Glaze Frit/ Glaze Mix.
5	Orient Glazes Private Limited	RC Approved 103 M.T. of Boric Acid for the use in the manufacturing of Ceramic Glaze Frit/ Glaze Mix
6	Ascent FinechemPvt. Ltd.	RC Approved 100 M.T. of Sodium Cyanide for the use in the manufacturing of Para Methoxy Phenyl acetonitrile, Para Methoxy Phenyl Acetic Acid, Tyramine, Homovertronitrile, Homoveratrylamine, 3,4-dihydro papaverine Hydrochloride
7	Gem Aromatics Pvt Ltd.,	RC Approved 100 M.Tof Eucalyptol for use in the manufacturing of Flavours & Fragrances.
8	Gem Aromatics Pvt Ltd.,	RC Approved 100 M.T. of Eucalyptus Oil, 60-80%, for the use in the manufacturing of Flavours & Fragrances

Multi – use insecticides (Boric Acid) 426 RC

Sr. No.	Applicants M/s	The decision of the Registration Committee
1	M/s Gibraltar Glass and Ceramics Private Limited	Approved 400 M.T. of Boric Acid for use in the manufacture of Glass Frit/ Ceramic Glaze Frit.
2	M/s Quantas Glass And Ceramic Private Limited	Approved 85.0 M.T. of Boric Acid for use in the manufacture of Ceramic Glaze Mixture Frit.
3	M/s Indian Additives Limited	Approved 40.0 M.T. of Boric Acid for manufacturing of Succinimides.
4	M/s Dorf Ketal Chemicals (I) Pvt Ltd	Approved an additional quantity of 40 MT of Boric Acid and extension of the validity of the Import Permit up to 30.06.2021.

Multi – use insecticides (Other than Boric Acid) 426 RC

Sr. No.	Applicants M/s	The decision of the Registration Committee
1	M/s Lanxess India Pvt. Ltd,	Approved 12 M.T. of Preventol O Extra, (2-Phenyl phenol) for trading OPP technical to Disinfectant Formulator/ Manufacturer.
2	M/s Bharat Rasayan Ltd,	Approved 314 M.T. of Sodium Cyanide for use in the manufacture of Cypermethrin, Fenvalerate, Lambda-cyhalothrin..
3	M/s Anupam Rasayan India Ltd.	Approved 11808 M.T. of Nitrobenzene for use in manufacture of Meta di nitro benzene.
4	M/s Heranba Industries Ltd.,	Approved 294 M.T. of Sodium Cyanide for use in the manufacture of Cypermethrin, Fenvalerate, Lambda-cyhalothrin..
5	M/s Harshlaxmi Chemisolv add: Shiromani Complex	Approved 1000 M.T. of Nitrobenzene for use in the manufacture of Metanilic Acid.
6	M/s Hindusthan Chemicals Company	Approved 3000 M.T. of Sodium Cyanide for trading to domestic industries/ Industrial use.
7	M/s IOL Chemicals and Pharmaceuticals Ltd.	Approved 120 M.T. of Sodium Cyanide for Manufacture of Gabapentine
8	M/s Coromandel International Ltd.,	Approved 9500 M.T. of Carbon di Sulphide for the manufacture of Mancozeb Technical.
9	M/s Sanjay Chemicals (India) Pvt. Ltd.,	Approved 10 M.T. of Potassium Cyanide for trading to domestic industries/Industrial use.
10	M/s Emmennar Pharma Private Limited,	Approved 600 M.T. of Sodium Cyanide to manufacture Levitra cetam through intermediate (S)-2- Amino Butyramide HCl
11	M/s Mahavir Expochem Ltd.,	Approved 500 M.T. of Sodium Cyanide for use in the manufacture of electroplating chemicals
12	M/s Mahavir Expochem Ltd.,	Approved 300 M.T. of Potassium Cyanide for use in the manufacture of electroplating chemicals

Multi-use insecticides (Boric Acid) 427 RC

Sr. No.	Applicants M/s	The decision of the Registration Committee
1	M/s. Grauer & Weil (India) Ltd.,	172 MT of Boric Acid, to be used as raw material for the manufacture of metal and surface finishing chemicals and lubricants.

Multi-use insecticides (Other than Boric Acid) 427 RC

Sr. No.	Applicants M/s	The decision of the Registration Committee
1.	M/s ArtekSurfin Chemicals Ltd.	9.55 MT of Thiourea for use to manufacture of Kembrite BC, Kemspeed Plus, Millenium, Neo speed Plus, Teknobrite, TristarChrom
2.	M/s Arochem Industries Pvt. Ltd.	11480 MT of Nitrobenzene for manufacturing of Resist Salt, Metanilic Acid, Aniline 2,5 Di Sulphonic Acid
3.	M/s Ascent Finechem Pvt. Ltd.,	120 MT of Sodium Cyanide for use in the manufacture of Para Methoxy Phenyl Acetonitrile, Para Methoxy Phenyl Acetic Acid, Tyramine, Homoveratronicitrile, Homoveratrylamine, 3,4- Dihydropapaverine Hydrochloride
4.	M/s Chemtech Intermediates Pvt. Ltd	330 MT of Sodium Cyanide for use in the manufacture of Phenyl Acetonitrile/Phenyl Acetic Acid
5.	M/s Jaggo Overseas	1113 MT of Sodium Cyanide Non-Insecticidal purpose (for trading)
6.	M/s Hemani Intermediates Pvt. Ltd.	60.9 MT of Thiourea for the manufacture of 3,3 DichloroBenzidine Dihydrochloride
7.	M/s Ideal Dye Chem Industries	37.5 MT of Thiourea for the manufacture of 3,3 DichloroBenzidine Dihydrochloride
8.	M/s M.B. Sales Corporation	1900 MT of Sodium Cyanide Non-Insecticidal purpose. (for domestic Consumption)
9.	M/s Alliance Chemical Industries	2400 MT of Nitrobenzene for manufacturing of Metanilic Acid & Aniline 2,5 Di Sulphonic Acid
10.	M/s Sanjay Chemicals (India) Pvt. Ltd.	40 MT of Potassium Cyanide for trading to domestic industries/Industrial use in the Import permit issued.

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

S. No.	R.C. N	File No.	Company Name	Product Name	Crop	Waiting Period/PI (days)
1.	423	9647-F/9(3)/2018-CIR-II	M/s ADAMA India Pvt. Ltd.	Cartap Hydrochloride 7.5% w/w + Emamectine Benzoate 0.25% w/w GR	Rice	7
2.	423	12758-FI/9(3) 2020	M/s HIL (India) Ltd.	Alpha cypermethrin 0.667% w/w	Public health	NIL
3.	423	11850-F/9(3)/ 2020	M/s V.K.A Polymer Pvt. Ltd.	Alpha Cypermethrin 0.55% w/w	Public health	NIL
4.	423	17-435/2016-CIR-II	M/s P.I. Industri Ltd.	Tolfenpyrad 15% EC	Pomegranate	7
5.	423	8047-END/2017	M/s Bayer CropScience Ltd.	Imidacloprid 48% w/w FS	Wheat	-
6.	423	17-709/2016-CIR-II	M/s Bayer CropScience Ltd.	Imidacloprid 30.5% SC	Chilli	-
7.	424	5673-FI/9(3)/ 2014-CIR-II	M/s BASF India Ltd.	Flocoumafen 0.005% BB (Strom)	For rodent control field, storage and residential premises	NIL
8.	424	7331-F/9(3)/2016-CIR-II	M/s Sulphur Mills Lt	Fipronil 0.6% WG	Rice	49
9.	425	11548-TIM/9(3)/2019	M/s Natco Pharma Ltd.	Chlorantraniliprole Technical 93.00% w/w	Rice, Sugarcane, Brinjal	NIL
10.	425	8700-F/9(3)/2017-CIR-II	M/s P I Industries Ltd.	Dinotefuran 4% + Acephate 50% SG	Rice and Cotton	28 and 10
11.	425	10501-TIM/9(3)/ 2019-CIR-II	M/s Crystal Crop Protection Ltd	Flonicamid technical 98% w/w min.	Rice and Cotton	NIL
12.	425	11085-TIM/9(3)/2020	M/s UPL Ltd.	Flonicamid technical 96% w/w min	NIL	NIL
13.	425	11902-TIM/9(3)/2019	M/s Best Crop Science LLP.	Chlorantraniliprole Technic 93.00% w/w min.	Bengal gram	NIL
14.	425	8599-FI/9(3)/ 2017-CIR-II	M/s Syngenta India Ltd.	Lambda cyhalothrin 2.43% w/w CS	Household	NIL
15.	425	6970-TI-9(3)- 2015-CIR-II	M/s Parijat Industries (India) Pvt. Ltd.	Thiamethoxam technical 98% w/w min	Rice and Tomato	NIL
16.	425	17-38/2017-CIR-II	M/s Bayer Crop Science Ltd.	Flubendamide 19.92% + Thiacloprid 19.92% w/w SC	Rice	33
17.	426	8864-F/9(3)/2017-CIR-II	M/s Parijat Industries (India) Pvt. Ltd.	Diafenthiuron 30% Pyriproxifen 8% w/w SE	Chilli	3
18.	426	7468-FI/9(3)/	M/s FMC India Pvt.	Chlorantraniliprole	Okra and Tomato	5 and 3

		2016-CIR-II	Ltd.	35% WG		
19.	426	8177-TIM/9(3)/2016-CIR-II	M/s Bayer Vapi Pvt. Ltd	Ethiprole technical 94.5% min.	Rice	NIL
20.	426	7851-END/2017-CIR-II	M/s Bayer Crop Science Ltd.	Flubendiamide 24% w/v + Thiocloprid 24% w/v SC	Black gram	17
21.	426	17-52/2017-CIR-II	M/s Bayer Crop Science Ltd.	Betacyfluthrin 8.49 + Imidacloprid 19.81% OD	Cotton	21
22.	426	7005-TI/9(3)/2015-CIR-II	M/s Parijat Industries (India) Pvt. Ltd	Lambda cyhalothrin technical 95%	Brinjal, Paddy	NIL
23.	426	12441-TIM/9(3)/2020-CIR-II	M/s P I Industries Ltd	Thiocyclam hydrogen oxalate Technical 87.5% min.	NIL	NIL
24.	426	10854-TIM/9(3)/2019-CIR-II	M/s Insecticides India Ltd.	Flonicamid Technical 96% w/w min.	Cotton, Paddy	NIL

Plant Pathology:

Sl. No.	RC No.	File No.	Company Name	Product Name	Crop claim	Waiting Period /PHI (Days)
1	422	8725-F/9(3)/2017-CIR-II	M/s ADAMA India Private Limited	Prochloraz 23.5 % w/w + Tricyclazole 20 % w/w SE	Rice	28
2	425	9197-F/9(3)/2018-CIR.II	M/s ADAMA India Private Limited	Prochloraz 34.8% + Propiconazole 7.8% EC	Rice	15
					Groundnut	19
3	425	7-FI/9(3)/2009-CIR.II	M/s. Arysta Lifescience Pvt. Ltd.	Triflumizole 42.14% w/w SC	Rose	-
4	426	4881-B/F/9(3)/2014-CIR.II	M/s. State bio-control laboratory	Trichoderma harzianum 1.0% WP [Strain no. (Th3) (ITCC-5593)]	Chickpea	-
5	427	8102-FI/9(3)/2017-CIR.II	M/s ADAMA India Private Limited	Prochloraz 39.6% w/w EC	Rice	26
6	427	10265-F/9(3)/2018-CIR.II	M/s UPL Ltd.	Tebuconazole 15% + Zineb 57% w/w WDG	Paddy	21
					Chilli	28
7	427	9049-FI/9(3)/2017	M/s. P I Industries Ltd.	Polyoxin D Zinc salt 5% SC	Grapes	-
					Rice	-
8	427	9838-END/2018	M/s ADAMA India Private Limited	Azoxystrobin 7.5% +	Groundnut	19

				Propiconazole 12.5% SE	Soybean	26
					Maize	11
9	427	11076- END/2019	M/s T. Stanes and Company	Trichoderma viride 1.15% WP	Chilli	-
10	427	11158- END/2019	M/s T. Stanes and Company	Pseudomonas fluorescens 1.75% WP	Tomato	-
11	427	9920- END/2018	M/s E. I. DuPont India Pvt. Ltd	Oxathiapiprolin 10.1% OD	Gherkins	2

Total No. of 9(4)-Endorsement cases which were approved from 422th to 427st RC=21

Herbicides :

S.No	RC No.	F.No.	Applicant	Molecule	Category	Label claim Crops	Pre- harvest Interval (PHI)
1	422	7986- END/2017- CIR-II	M/s ADAMA India Pvt. Ltd.,	Propaquizafop 10% EC	Label Expansion/Endorsement	Potato	74
						Mint	56
						Turmeric	160
2	422	17-21/2009- CIR-II	M/s Bayer Crop Science Ltd.	Fenoxaprop-p-ethyl 9.3% EC	Label Expansion/Endorsement	Jute	-
3	423	5320- FI/9(3)/2014	M/s BASF India Ltd.,	Saflufenacil 70% WG	FI	Non-crop area	-
						Tea	07
4	423	8269- F/9(3)/2017	M/s Willowood Chemicals Pvt. Ltd.	Fenoxaprop-p-ethyl 9.3% w/w DF	FIM	RICE (Transplanted)	65
5	423	6619- FI/9(3)/2015 -CIR-II	M/s Syngenta India Ltd	Ametryn 73.1% w/w +TrifloxySulfuron Sodium 1.8% w/w WG	FI	Sugarcane	221
6	424	8117- F/9(3)/2017	M/s Syngenta India Ltd	Pyrifthalid 31.0% + Bensulfuron methyl 15.7 % SC	FIM	RICE (Transplanted)	99
7	425	8368- F/9(3)/2017	M/s FMC India Pvt. Ltd	Clomazone 22.5% +Metribuzin 21% WP	FIM	Sugarcane	307
8	426	9813- F/9(3)/2018	M/s UPL Ltd.	Propanil 80% DF	FIM	RICE (Direct Seeded)	84
9	426	8589- END/2018	M/s Godrej Agrovet Ltd	Triacantanol 0.1% EW	Label Expansion/Endorsement	Tea	05
10	427	10021- F/9(3)/2018	M/s Dhanuka sAgritech Ltd.	Quizalofop ethyl 4% + Oxyflourfen 6% EC	FIM	Onion	07
11	427	9714- END/2018	M/s Godrej Agrovet Ltd	Triacantanol 0.1% EW	Label Expansion/Endorsement	Soybean	-

12	427	9295- END/2018	Syngenta India Ltd.	Paclobutrazol 23% SC	Label Expansion/Endorsement	Groundnut	70
13	427	9009- END/2018	Syngenta India Ltd.	Triasulfuron 20% WG	Label Expansion/Endorsement	RICE (Transplanted)	84

Annexure – X

Inclusion of new molecules in the Schedule to the Insecticides Act 1968

S.No.	F.No./ Name of the Applicant	CAS No/ Common Name/ CAS/ IUPAC Name	Bio-efficacy	Toxicity	Status of Registration in Other Country	Remark
1.	3164/ Inclusion In Schedule M/s Sinochem India Company Limited	1104384-14-6 Tetrachlor antranili prole CAS Name.: 3-bromo-N- [2,4-dichloro-6- [(methylamino) carbonyl]phenyl]-1-(3,5- dichloro-2- pyridinyl)-1H- pyrazole-5- carboxamide IUPAC Name: 3-bromo-2',4'- dichloro-1-(3,5- dichloro-2- pyridyl)-6'- (methylcarbamo yl)-1H- pyrazole-5- carboxanilide	Used as Insecticid e	Acute Oral LD50: Male and female Rat more than 5000 mg/kg; Acute percutaneous LD50: Male and female Rat more than 2000 mg/kg; Non- irritating to Rabbit eyes and skin; Skin allergy test negative to Guinea pigs; Ames test, small mouse bone marrow micronucleus test, mouse testis cell chromosome aberration test negative; Avian Acute Oral toxicity: LD50: (7d) more than 1000 mg /kg BW to Quail (Coturnix coturnix japonica); Bees: Acute Oral LD50: (48 h) 265 mg /L.; Acute Contact toxicity 72.5 µg /bee; Fish: No harm to fish LC50 (96 h) more than 1.52 mg/L to Zebrafish.	Tetrachlorant raniliprole is registered in China. Chlorantranil iprole is an anthranilic diamide insecticide that has provided efficient control of a range of lepidopteran pests. Act as ryanodine receptors as its insecticidal mechanism.	Approved
2.	3165/ Inclusion In Schedule M/s Sumitomo Chemical India Ltd.	570415-88-2 Propyrisulfuron CAS Name.: 2-chloro-N- [[[4,6- dimethoxy-2- pyrimidinyl)ami no]carbonyl]-6- propylimidazo[1,2- b]pyridazine-3- sulfonamide	Used as Herbicide	Acute Oral Toxicity – Rat-greater than 2000 mg/kg, rat Acute Dermal Toxicity - Rat - greater than 2000 mg/kg, rat Inhalation Toxicity LC 50 (4hrs) Rat-4300 mg/m ³ , rat Skin Irritation (Rabbit)-Not irritant, rabbit	Registered in Japan, Korea, Malaysia, Vietnam, China, Srilanka and Indonesia for rice crop. New generation broad spectrum ALS herbicide to	Approved

		IUPAC Name: 2-chloro-N- [(4,6- dimethoxypyri midin-2- yl)carbamoyl]- 6- propylimidazo[1,2- b]pyridazine-3- sulfonamide		Eye Irritation (Rabbit)- Slightly irritant, rabbit Dermal Sensitization (Guinea pig)-Negative, guinea pig	control annual and perennial paddy weeds, including Echinochloa spp., sedges and broadleaf weeds.	
3.	3166/ Inclusion In Schedule M/s Syngenta India Limited	1089014-47-0 Anisiflupurin CAS Name: 2- fluoro-N-(3- methoxyphenyl) -9H-purin-6- amine IUPAC Name: 2-fluoro-N-(3- methoxyphenyl) -9H-purin-6- amine	Used as Plant Growth Regulator	Acute Oral Toxicity - Rat : LD50: more than 2000mg/kg Acute Dermal Toxicity - Rat : LD50: more than 2000mg/kg Inhalation Toxicity LC 50 : LC50 more than 5 mg/L	Still not registered in any country. Anisiflupurin is a synthetic compound that inhibits Cytokinin oxidase/ dehydrogena se (CKX) enzyme that degrade cytokinin in plants. This enzyme is induced under abiotic stress, therefore inhibition of CKX (e.g. by Anisiflupurin) leads to maintenance of cytokinin level and consequently better performance under abiotic stress.	Approved
4.	3167/ Inclusion In Schedule M/s PNP and Associates	74174-44-0 Homo brassinolide CAS Name: (1R,3aS,3bS,6a	Used as Plant Growth Regulator	Oral LD50 (rat): 5000 mg/kg b.w. Dermal LD50 (rat) : 5000 mg/kg b.w. Inhalation LD50 (rat) :	EPA Registration No: 69361- 49 Approved in China Homobrassin	Not Approved, Having plant origin may be

	Pvt. Ltd.	S,8S,9R,10aR,10bS,12aS)-1-[(1S,2R,3R,4S)-4-ethyl-2,3-dihydroxy-1,5-dimethylhexyl]hexadecahydro-8,9-dihydroxy-10a,12a-dimethyl-6H-benz[c]indeno[5,4-e]oxepin-6-one IUPAC Name: (22R,23R,24S)-2 α ,3 α ,22,23-tetrahydroxy-7-oxa-7a,23a-dihomo-5 α -ergostan-6-one		4.45 mg/L Skin Irritant (rabbit) : Non-irritating Eye irritation (rabbit) : Non-irritating Mutagenicity: Not mutagenic Carcinogenicity: Not carcinogenic Reproductive Toxicity: Not reproductive toxicant Routes of Exposure: Skin: It May be harmful if absorbed through the skin. Ingestion: May be harmful if swallowed.	olide 0.1% is recommended as a foliar spray for most agricultural and horticultural crops such as Rice, and Wheat, Vegetable crops such as Eggplant, Tomato, Bell pepper and Okra, Cabbage, and Cauliflower & Fiber crops such as Cotton	included as Biostimulant under Fertiliser amendment order, 2021 dated 23.02.21
5.	3168/ Inclusion In Schedule M/s Draslovka Services India Private Limited	460-19-5 Cyanogen CAS Name: Ethanedinitrile IUPAC Name: Ethanedinitrile	Used as Fungicide, Insecticide and Nematicide	Cyanogen is not expected to affect orally considering it is a gas. Dermal studies indicated that Cyanogen is not a skin irritant. The main route based on which the gas is toxic is via inhalation. No gross effects either on rats or monkeys were seen when these animals were exposed to Cyanogen during skin sensitization studies. Based on an extensive study, no carcinogenicity is expected at doses substantially below the acutely toxic level.	Registered in Australia, South Korea and Malaysia. The product is a fumigant and is an alternative to methyl bromide. While methyl bromide is on the verge of being phased out as per the Montreal Convention, It may be a good and apt replacement for methyl bromide.	Approved