

MINUTES OF THE 59th MEETING OF THE CENTRAL INSECTICIDES BOARD (CIB) HELD ON 12.11.2020 AT 1600 HRS ONWARDS THROUGH VIDEO CONFERENCING.

The 59th meeting of the Central Insecticides Board was held on 12.11.2020 at 1600 hrs onwards through video conferencing under the Chairmanship of Dr. Sunil Kumar, 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 58th meeting of CIB held on 22.05.2020

The Board confirmed minutes of the 58th meeting of CIB and noted the points raised by the representative from Directorate General of Factory Advice Services and Labour Institutes as follows:

- i. With regards to make 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 the 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”.
- ii. 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 sought from the proposer, for examination and consideration by the Board in its next meeting.

Agenda item No. 2: Follow –up action on the decision of 58th Meeting of the CIB

The Board noted the follow-up actions on the decisions of 58th 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 (**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 off 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 Hon'ble Chairperson expressed his concern about the gap between the annual capacity and the achievement of the various divisions of the CIL. The Incharge-CIL apprised that the inflow of the samples is dependent on the samples received from various stakeholders for respective action. After getting the justification, 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 number of 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 01.05.2020 to 31.10.10

The Board with satisfaction noted the major achievements of the Secretariate of CIB&RC during the period from 01.05.2020 to 31.10.10 and appreciated the special efforts made to reduce pendency and further simplify the guidelines for registration.

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 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.

Agenda item No.7: Follow up action on agenda item no. 9 of 58th CIB Meeting pertaining to the reframing of the bye-laws of the Central Insecticides Board.

The Board noted the status report.

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.

Members perused the agenda and observed that the Tamil Nadu Government has proposed amendments to the existing rules in the shape of notifying the appellate authority and the procedural aspects thereof. The Board observed that the State Government has the power to

make rules as proposed and further consultation with the Board is a pre-requisite 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.

Agenda item No.9: Consultation/Consent to Agriculture Department Chhatisgarh regarding the enactment of the "Chhatisgarh Insecticide (Appeal) Rules 2016" required under Section 37 of the Insecticides Act, 1968.

Members perused the agenda and observed that the Chhatisgarh Government has proposed amendments to the existing rules in the shape of notifying the appellate authority and the procedural aspects thereof. The Board observed that the State Government has the power to make rules as proposed and further consultation with the Board is a pre-requisite for the purpose.

Accordingly, after deliberations, the board decided to agree with the proposal of the State Agriculture Department Chhatisgarh and approved the same.

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 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 Sectt. 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. **(Annexure-VIII).**

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. **(Annexure-VIII)**

Agenda item No.12: Import permit issued for Multiuse/Dual-use Pesticides (for Non-Insecticidal purpose)

The Board members were apprised about the import permit issued beside the status of the court cases pending in the matter as a follow-up action of Agenda item no. 8 of 57th CIB Meeting. The Board noted the information. **(Annexure-IX).**

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. **(Annexure-X).**

Agenda item No.14: 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 9 molecules out of 13, in the Schedule to The Insecticides Act, 1968. The complete list along with the decision of the Board is annexed at (**Annexure XI**).

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 vote of thanks to the Chair.

Annexure-I

List of Participants of 59th meeting of the Central Insecticides Board held on 12th November 2020 at 16:00Hrs (Through Video Conferencing)

Board Chairman/ Members

1. Dr. Sunil Kumar, Director General of Health Services (DGHS) & Chairman CIB.
2. Dr S.P. Shani, Deputy Drug Controller of India (DDCI)
3. Dr. Ravi Prakash, Plant Protection Adviser, Directorate of Plant Protection, Quarantine and Storage.
4. Dr. J.P. Singh, Joint Director & Secretary(CIB&RC), Directorate of Plant Protection, Quarantine and Storage.
5. Sh. B N Jha, Director(Safety), Directorate General of Factory Advice Services and Labour Institutes.
6. Dr. Ram Singh, NICD
7. Dr. Y.P Singh, ADG (PP&B), ICAR
8. Dr. ManjuRahi, Scientist-F (ECD) ICMR
9. Dr. Devi Shankar Suman, Scientist 'D', Zoological Survey of India, Kolkata
10. Sh P. Rajesh, Head-FAD, Bureau of Indian Standards.
11. ShChinmayDwivedi, Scientist-D, Bureau of Indian Standards.
12. Capt Prashant Manchalwar, O/o Director General of Shipping.
13. Dr. Vishal Bhardwaj
14. Dr. K Raghvendra, ICMR-NIMR
15. Sh.Anil Rana, Additional Director (Soil Conservation), Directorate of Agriculture and Farmers Welfare, Haryana.
16. Dr. S. C. Khurana, Lead Expert, FSSAI.
17. Dr.VishalChoudhary, Dy. Industrial Advisor (Chemicals), DCPC, erstwhile Directorate-General of Technical Development.
18. Dr. Jitendra Kumar, Director, IPFT, Ministry of Petroleum and Chemicals.
19. Dr. VeenaVerma, Director Professor, Department of Pharmacology, Safdarjung Hospital.
20. Dr. C. D. Tripathi, Professor Emeritus, Department of Pharmacology, VMMC and Safdarjung Hospital
21. Dr. S. Chandrasekhar, Director, Indian Institute of Chemical Technology.
22. Dr. Suneel Pandey, Director General, The Energy and Resources Institute (TERI).

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

1. Dr. S.K. Khurana, Consultant (Pathology), CIB&RC, DPPQ&S, Faridabad.
2. Dr. Sandhya Kulshrestha, Consultant (Pharma), CIB&RC, DPPQ&S, Faridabad.
3. Dr. SaritaBhalla, Consultant (Pharma), CIB&RC, DPPQ&S, Faridabad.
4. Dr. Archana Sinha, JD (Chem), CIL, DPPQ&S, Faridabad.
5. Dr. Vandana Seth, JD (Chem), CIB&RC, DPPQ&S, Faridabad.
6. Sh. Hari Om Miglani, Sr.LO, CIB&RC, DPPQ&S, Faridabad.
7. Sh. A. K. Reddy, DD(W.S), CIB&RC, DPPQ&S, Faridabad.
8. Sh. Kiran W. Deshkar, DD (E), CIB&RC, DPPQ&S, Faridabad.
9. Dr. SnehaPoddar, DD (Chem), CIB&RC, DPPQ&S, Faridabad.
10. Dr. Vandana Pandey, AD (PP), CIB&RC, DPPQ&S, Faridabad.
11. Dr. BrijeshTripathi, AD (Chem), CIB&RC, DPPQ&S, Faridabad.
12. Sh. NirajKulshrestha, LO, CIB&RC, DPPQ&S, Faridabad.
13. Ms. Raunaq, AD (Chem), CIB&RC, DPPQ&S, Faridabad.
14. Ms. Aradhana Bhargava, AD (Chem), TLC, DPPQ&S, Faridabad.
15. Sh. A D Bhatt, PPO(Chem.), CIB&RC, DPPQ&S, Faridabad.

Annexure-II**Follow-up /Action taken report on 58th CIB meeting.**

The 58th meeting of Central Insecticides Board was held on 22.05.2020 at 1100 hrs onwards through video conferencing under the Chairmanship of (Prof.) Dr. Rajiv Garg, Director General of Health Services, Ministry of Health & Family Welfare.

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

S. No.	Subject	Decision	Action taken
Agenda Item No. 1	Confirmation of minutes of 57 th meeting of CIB held on 15.11.2019	Minutes of the 57 th meeting of Central Insecticides Board were confirmed with a minor correction in the name of a molecule at Sl. No. 13 of Annexure-VI which was "Florpyrauxifen-benzyl".	Corrective action has been taken by DAC&FW.
Agenda Item No. 2	Follow-up action on the decision of 57 th Meeting of the CIB	The Board noted the follow-up actions on the decisions of 57 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 and Techno-legal Cell and RPTL's with satisfaction	No Action Required
Agenda Item No. 4	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. 5	New packing approved by the Registration Committee	The Board noted the progress made by the CIB&RC in approving both for new packing for new formulations and additional packing for approved pesticides	No Action Required

Agenda Item No. 6	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, except about four pesticides which were technical pesticides.	No Action Required
Agenda Item No. 7	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	No Action Required
Agenda Item No. 8	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 the molecules in the Schedule to The Insecticides Act, 1968.	Communicated to DAC&FW for necessary action
Agenda Item No. 9	OA No. 155/2017 (SZ) before Hon'ble National Green Tribunal (NGT), Chennai-in the matter of M/s Gobineelan vs Union of India and Others- seeking status on framing of Bye Laws for Central Insecticides Board	Board decided to reframe the Bye-Laws and perused the draft Bye-Laws placed before the Board, and after deliberations, it was decided to adopt the same subject to the modification in para no. 3 of the Bye-Laws wherein the requirement of one-third of the total members of the Board shall be a requirement for convening the meeting for the business to be transacted by the Board.	Communicated to DAC&FW for necessary action Approved Bye Laws received from DAC&FW
Agenda Item	Consultation/Consent to Punjab	After detailed deliberations, the board decided to agree with the	Communicated to Punjab State

No. 10	Government regarding amendment/ change in "Punjab Insecticide (Appeal) Rules 1975" required under Section 37 of the Insecticides Act, 1968	proposal of the Punjab State Agriculture Department and approved the same.	Agriculture Department for necessary action
Agenda Item No. 11	Approval of Molecules/Products with Brand Name in the Schedule to the Insecticides Act, 1968	The Board deliberated the list of 60 molecules /products, which are there in the Schedule to the Insecticides Act, 1968 with trade name alongwith chemical or Common Name, and approved for inclusion in the Schedule after deletion the trade name	Communicated to DAC&FW for necessary action
Agenda Item No. 12	Regulation of Multiuse/Dual-use Pesticides (for Non-Insecticidal purpose)- Follow up action of Agenda item no. 8 of 57th CIB Meeting.	The Board members were apprised about the import permit issued beside the status of the court cases pending in the matter. The Board noted the information	No Action Required
Agenda Item No. 13	Consideration 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. 264(E) dated 24.04.2020 and agreed to the amendments proposed	No Action Required
Agenda Item No. 14	Grant of permission of Aerial Spraying for control of desert locust	The Board after deliberation approved the aerial application of insecticides for control of desert locust in the Scheduled Desert Area of India as per provisions envisaged under Rule 3(b) and Rule 43 of the Insecticides Rules, 1971 and the Standard Operating Procedure (SOP) for aerial spraying of insecticides prepared by the Directorate of Plant Protection Quarantine and	Communicated to DAC&FW for necessary action

		Storage, Department of Agriculture, Cooperation and Farmers Welfare	
Agenda Item No. 15	Use of Drones for Pesticides Application	The Board after deliberation approved the Report of the Sub-Committee, under the Chairpersonship of Dr. Sandhya Kulshrestha, Consultant (Pharma), to frame guidelines for use of drones for insecticide (pesticides) applications in locust control, plant protection and public health and endorsed by the Plant Protection Adviser after minor modification.	Communicated to DAC&FW. PPA will take further needful action in the matter
Agenda Item No. 16	Follow up action of agenda item no. 10.2 of 56 th CIB Meeting	The Board noted the status report	No Action Required
Agenda Item No. 17	Any other item with the permission of the Chair Follow up action of agenda item 10.1 of 56 th Board meeting: Requirement of Good Laboratory Practice (GLP) Certification for the regulation of pesticides	After deliberation of the Agenda in detail, the Board decided that the data generated /produced by the Good Laboratory Practices (GLP) certified testing facilities /institutions shall only be considered for preclinical safety testing and data generated /produced by Good Laboratory Practices (GLP) or NABL certified testing facilities /institutions shall be considered for physio-chemical analysis and other parameters whichever are under the scope of certification/accreditation. However, the Board also emphasized that the industry should be encouraged to adopt GLP.	Public Notice to this effect was issued.

ANNEXURE-III**List of Pesticides and New Formulations Approved by the Registration Committee
under section 9(3) of the Insecticides Act 1968**

S. No.	Name of molecule/Pesticide	Category	RC Number
1.	Clethodim 25% EC	FI	416
2.	Amisulbrom 17.7% w/w (20% w/v)	FIM	417
3.	Ametryn 73.1% w/w + Trifloxysulfruon Sodium 1.8% w/w WG	FIM	421

ANNEXURE-IV

List of New/Registered Pesticides And Their Formulations Approved By The Registration Committee Under Section 9(3)

Sr. No.	Name of molecule	U/S 9(3)	RC Number
1	Alphacypermethrin 0.667% LLIN w/w min.	FIM	414
2	Pendimethalin 38.4% + Pyrazosulfuron ethyl 0.85%	FIM	414
3	Pretilachlor Technical 96% w/w min	TI vs TIM	414
4	Atrazine Technical 97% w/w min	TI vs TIM	414
5	Metolachlor Technical 97.0% w/w min	TI vs TIM	414
6	Pymetrozine Technical 98% w/w min	TIM vs FI)	416
7	Thiocyclam hydrogen oxalate Technical 86% w/w min	TIM vs FI	416
8	Penoxsulam 1% + Pendimethalin 24% se	FIM	416
9	Clethodim 25% EC	FI	416
10	Prochloraz 5.7% w/w + Tebuconazole 1.4% w/w ES	FIM	417
11	Chlorpyphos 75% WG	FIM	417
12	Propargite 42% + Hexythiazox 2% EC	FIM	417
13	Pyroproxifen 0.5% GR	FIM vs FIT	417
14	Amisulbrom 17.7% w/w (20% w/v)	FIM	417
15	Thiophanate methyl Technical 95% w/w min	TI vs TIM	417
16	Pyrazosulfuron-Ethyl Technical 98% w/w min.	FIM	417
17	Glyphosate Technical 95% w/w min.	FIM	417
18	Ethephon Technical 87% w/w min	FIM	417
19	Acephate Technical 97% w/w min	FIM	417
20	Azoxystrobin Technical 98% w/w min	TI vs TIM	417
21	Pretilachlor Technical 97% w/w min	TI vs TIM	417
22	Fenpyroximate Technical 98.5% w/w min.	FIM	417
23	Dinotefuron 20% w/w SG	FIM vs FIT	418
24	Dinotefuron 20% w/w	FIM vs	418

		FIT	
25	Pyraclostrobin 100 g/l	FIM vs FIT	418
26	Atrazine Technical 97% w/w min.	TI vs TIM	418
27	Paraquat dichloride Technical 42% w/w min	TI vs TIM	418
28	Chlorfenapyr Technical 94% w/w min	FIM	418
29	Bispyribac Sodium 20% + Pyrazosulfuron Ethyl 15%	FIM	420
30	Chlorpyrifos 50% + Cypermethrin 5% WG	FIM	420
31	Quizalofop ethyl 10% EC	FIM vs FIT	421
32	Gossyplure (SCLP PBW) Technical	FIM	421
33	Acetamiprid Technical 99% w/w min.	TI vs TIM	421
34	Fomesafen Technical 95% w/w min	FIM	421
35	Fomesafen 12% + Quizalofop ethyl 3% SC	FIM	421

ANNEXURE-V**List of new/already registered biopesticides approved by Registration Committee u/s 9(3)/9(3b) of the Insecticides Act, 1968**

S.No.	Name of Biopesticide	M/s	Strain particular	RC No.
1.	Metarhiziumanisoplae 1.15% WP under section 9(3b)	M/s KanBiosys Pvt. Ltd., Pune	Strain designation: AAI, Strain accession No. NAIMCC-F- 03037	418
2.	Verticilliumlecanii 1.15% WP under section 9(3).	M/s Super Agro India Pvt. Ltd., Kolkatta	Strain designation: AS-Megh-VL, Strain accession No. MCC- 1028	418
3.	Beauveriabassiana 1.15% WP under section 9(3).	M/s Aria Bio- Lifesciences Research Pvt. Ltd., Pune	Strain designation: BB-ICAR-RJP, Strain accession No. MCC- 1022	418
4.	Trichodermaviride 1.15% WP under section 9(3)	M/s GRV Organo Pvt. Ltd., Nagpur	(Strain IIHR-TV-5) Accession No. ITCC 6889)	418

ANNEXURE-VI

List of additional and new packing approved by RC

S. No.	RC Meeting No.	Name of the company	Name of product	Type of packing
1.	416	M/s UPL Ltd	Bifenthrin 10% EC.	Alternate packing in 200 L mild steel drum lacquer lacquered from inside having min thickness 1.25 mm as the primary/transport packing.
2.	416	M/s Bayer Crop Science Ltd	Propineb 70% WP	Endorsement for additional bulk pack Polyethylene Bag of 50 kg capacity packed in HDPE Drum.
3.	416	M/s Syngenta India Ltd	Thiamethoxam 30% w/w FS	Endorsement of additional packing in HDPE container of capacity 50ml, 100ml and 250ml with duplex board carton as secondary packing and 5-ply CFB boxes of capacity 2 litre, 4 litre and 10 litre as a transport packing.
4.	416	M/s Godrej Consumer Products Ltd	Transfluthrin 0.88% Liquid Vaporiser.	Endorsement for additional secondary packing of 1 refill + 1 machine. 60 secondary pack cartons will be packed in 5 ply corrugated box .
5.	416	M/s Godrej Agrovet Ltd	Forchlorfenuron (CPPU) (liquid) 0.1% w/v	Endorsement of additional packing in HDPE bottle of capacity 250 ml with secondary and transport packing.
6.	416	M/s Bayer Crop Science Ltd.	Fluopyram 17.7% + Tebuconazole 17.7% w/w SC.	Additional bulk pack (intermediate bulk container (IBC) made up of HDPE of capacity 1000 litre.
7.	416	M/s Bayer Crop Science Ltd	Spirotetramat 11.01% w/w + Imidacloprid 11.01% w/w SC.	Additional bulk pack intermediate bulk container (IBC) made up of HDPE of capacity 1000 litre.
8.	416	M/s Bayer Crop Science Ltd	Flubendiamide 9.92% + Thiacloprid 19.92% w/w SC.	Additional bulk pack intermediate bulk container (IBC) made up of HDPE of capacity 1000 litre.
9.	416	M/s Bayer Crop Science Ltd	Fipronil 18.87% w/w SC	Additional bulk pack intermediate bulk container (IBC) made up of HDPE of capacity 1000 litre.

10.	416	M/s Bayer Crop Science Ltd	Tembotrione 34.4% w/w SC	Additional bulk pack intermediate bulk container (IBC) made up of HDPE of capacity 1000 litre.
11.	416	M/s ADAMA India Pvt. Ltd	Novaluron 5.25% + Emamectin benzoate 0.9% w/w SC	Endorsement of additional packing in High-Density Poly Ethylene container (HDPE) bottle of capacity 5 litre which shall be further packed in 5-ply CFB box of capacity 10 litre as transport packing.
12.	416	M/s Maheshwari Biochemical Pvt. Ltd	Pretilachlor 37% w/w EW.	Endorsement for additional packing of PET bottles in 300 ml, 600 ml, 1200 ml and 3 litre capacity which shall be further packed in 5-ply CFB boxes as transport packing.
13.	416	M/s UPL Ltd	Cyazofamide 34.5% SC.	Endorsement of additional transport packing of capacity 3.2% litres for primary packing of 80 ml, HDPE container.
14.	417	M/s Insecticides (India) Ltd.	Chlorpyrifos 2% RTU.	Alternate packing in PET bottle in the capacity of 500 ml which shall be further packed in CFB boxes.
15.	417	M/s Godrej Consumer products Ltd	Fipronil 0.05% Gel.	Alternate packing in polyethylene based lamitube of capacity (6g) which shall be further packed in blister packing and 120 such packs will be packed in 5-ply CFB box.
16.	417	M/s Bayer Crop Science Ltd	Fluopyram 17.7% + Tebuconazole 17.7% SC.	Alternate packing of HDPE –co-extruded (Polyethylene/polyamide) container of capacity 500 ml and 1 litre capacity which shall be further packed in 5 ply CFB boxes capacity 10 litre.
17.	417	M/s Rallis India	Hexaconazole Technical 92% Min.	Additional packing of 50kg capacity of LDPE liner of thickness 0.062mm of capacity 50kgs which shall be further packed in HDPE woven sacks.
18.	417	M/s Rallis India	Acephate Technical 97% Min.	Additional packing of 50kg capacity of LDPE liner of thickness min 70 micron as per IS 2508-1984 which shall be further packed in HDPE woven sacks.
19.	417	M/s Excel Crop Care Ltd.	Tebuconazole 10% + Sulphur 65% WG.	Additional packaging in 3 kg HDPE container which is further packed in 5-ply Corrugated Fiber Board Box (CFB) as a transport packaging.
20.	417	M/s Hindustan Foods Ltd.	d-trans Allethrin 0.1% Mosquito	Additional packing of 600 coils in one transport packing (60 number of secondary pack containing primary

			Coil (12 hours).	pack of 10 single coils)
21.	417	M/s Willowood chemical Pvt. Ltd	Hydrochloride 4% + Fipronil 0.5% CG.	Additional packaging of 1 kg and 8 kg trilaminated pouch (MET 12 μ + PET 12 μ + LDPE 125 μ) which shall be further packed in 7 ply CFB boxes of capacity 24 kg.
22.	417	M/s FMC India Ltd.	Chlorantraniliprole 18.5% SC.	Additional packing in HDPE container of capacity 80 ml which shall be packed in duplex board mono carton (350 GSM min.) as secondary packing and 5-ply CFB box as transport packing.
23.	417	M/s Syngenta India Ltd.	Cyntraniliprole 19.8% + Thiamethoxam 19.8% FS.	Additional packing in HDPE bottle of capacity 24 ml, 48 ml, 144 ml as primary packing and 5-ply CFB box as transport packing.
24.	417	M/s Rallis India Ltd.	Profenofos 40% + Cypermethrin 4% EC.	Additional packing in Aluminum containers of capacity 5 litre which shall be further packed in 7-ply CFB box as transport packing.
25.	417	M/s KrishiRasayan Export Pvt. Ltd	Fenobucarb 50% EC.	Additional packing in tin plate container of capacity 5 litre which shall be further packed in 5-ply CFB box of capacity 10 L (5 litre x 2 nos) as transport packing.
26.	417	M/s KrishiRasayan Exports Pvt. Ltd	Thiamethoxam 25% WG.	Endorsement for additional transport packing of 1kg Trilaminated Pouch as primary packing which shall be further packed in HDPE drum of capacity of 25 kg as transport packing
27.	417	M/s S. C. Johnson Products Pvt. Ltd.	Transfluthrin 1.6% Liquid Vaporizer	Endorsement for additional transport packaging containing 120 secondary Refill pack.
28.	417	M/s S. C. Johnson Products Pvt. Ltd	Transfluthrin 0.88% LV	Endorsement for additional transport packaging containing 120 secondary Refill pack in 5 ply CFB boxes.
29.	417	M/s S. C. Johnson Products Pvt. Ltd	Transfluthrin 1.5% LV	Endorsement for additional transport packaging containing 120 secondary Refill pack (45 ml and 35 ml) in 5 ply CFB boxes.
30.	417	M/s Crystal Crop Protection Ltd	Azoxystrobin 11.5% + Mancozeb 30.0% w/w WP	Endorsement for Secondary packing (mono-carton) for trilaminated pouch of capacity of 100 gm and 600 gm as primary packing which shall be further individually packed in duplex monocarton as secondary packing

				and 5 ply CFB box as transport packing.
31.	417	M/s BR Agrotech Ltd	Lambda Cyhalothrin (Capsule Suspension)	Endorsement of additional transport packing in HDPE Drum of capacity 200 litre.
32.	417	Godrej Consumer Products Ltd	Prallethrin 0.04% Mosquito Coil.	<p>Pack of 14 coil (14 double coil) shall be packed LDPE/HDPE pouch. The pouch shall be inserted in the carton of size 13.4x13.4x3.4 as secondary packing. Such 60 unit of secondary pack carton will be packed in 5 ply corrugated box of specification.</p> <p>Or</p> <p>Pack of 30 coil (15 double coil) shall be packed LDPE/HDPE pouch. The pouch shall be inserted in the carton of size 13.3x13.3x7.5 as secondary packing. Such 60 unit of secondary pack carton will be packed in 5 ply corrugated box.</p>
33.	417	Godrej Consumer Products Ltd	Transfluthrin 1%FU	<p>Product Transfluthrin 1%FU containing 10 paper (50 cm² +1 cm²) leaves bounded with outer cover made of 230 GSM paper board would be packed in primary packing of PET laminated polyethylene pouch(PET 12u/poly 25u). 60 such pouches shall be packed in dispenser carton of dimension 174x1009x69mm. This shall be secondary packing 4 no of secondary packing shall be placed in 3 poly CFB boxes dimension 222x178x146 mm shall be treated as tertiary packing. 2 no. of tertiary carton shall be further pack 3 poly CFB boxes as transport packing. The weight of CFB boxes shall be 273 ±14 gm.</p> <p>Or</p> <p>Product Transfluthrin 1%FU containing 10 paper (50 cm² +1 cm²) leaves bounded with outer cover made of 230 GSM paper board would be packed in primary packing of PET laminated polyethylene pouch(PET 12u/poly 25u). 5 such pouches shall be packed in duplex mono carton of dimension 222x183x166mm. This</p>

				shall be secondary packing .48 no of secondary packing shall be placed in 3 poly CFB boxes dimension 223x183x166 mm shall be treated as tertiary packing.2 no. of tertiary carton shall be further pack 3 poly CFB boxes as transport packing. The weight of CFB boxes shall be 273±14 gm.
34.	420	M/s Dow Agrosceinces Pvt. Ltd	Meptyldinocap 35.7% EC.	Additional packing in PET container of capacity 140 ml which shall be further packed in duplex board mono carton as secondary packing and 5-ply CFB box as transport packing.
35.	420	M/s FMC India Pvt. Ltd.,	Cynatranilprole 10.26% OD	Additional packing of 280 ml Co-ex HDPE bottles and additional of secondary packing already approved pack size.
36.	420	M/s Sumitomo Chemical India Pvt. Ltd.,	Paclobutrazole 40% SC.	Endorsement for additional packing in 30 ml PET bottles as primary packing which shall be further individually packed in a duplex mono carton (min. 230 GSM) as secondary packing. Secondary packing shall be packed in 5-ply CFB box as transport packing of capacity 1.2 litre (30 ml x 40 Nos).
37.	420	M/s Fytocare Chemical	Deltamethrin 0.5% Chalk	Additional secondary and transport packing (116 gm mass & 7.8 cm length).
38.	420	M/s UPL Ltd	Cyazofamide 34.5% SC.	Additional primary packing of 1 L capacity HDPE bottle which shall be further packed in CFB box and transport packing.
39.	420	M/s Bayer Crop Science Ltd	Fipronil 40% + Imidacloprid 40% WG	Additional bulk pack of flexible intermediate bulk container (FIBC) with polyethylene liner of capacity 600 kg.
40.	420	M/s Bayer Crop Science Ltd.	Ethioprole 40% + Imidacloprid 40% WG	Additional bulk pack of flexible bulk container (FIBC) with polyethylene liner of capacity 600 kg.
41.	420	M/S Hindustan Foods Ltd	respectively for D trans Allethrin 0.1% w/w + Permethrin 0.03% w/w + Imiprothrin 0.02% w/w Aerosol	Additional pack of 200 ml and 400 ml capacities in lieu of 250ml and 425 ml pack size respectively.

42.	420	M/s Syngenta India Ltd	Pinoxaden 5.1% EC.	Additional packing of primary pack 800 ml and 4 L in co-extruded HDPE/Polyamide/ /fluorinated HDPE containers which shall be further packed in 5-ply CFB box as transport packing.
43.	420	M/s Syngenta India Ltd	Chlorothalonil Technical 96% min	Additional primary packing of 1 L capacity HDPE bottle which shall be further packed in CFB box and transport packing of 6 L capacity.
44.	420	M/s BASF India Ltd.	Fluxapyroxad 62.5g/l + Epoxiconazole 62.5 g/l	Endorsement for secondary packing for small and ultra-small packing of capacity 50ml, 100ml and 150ml in HDPE container of min thickness 1mm which shall be further packed in a mono carton of 240 gsm min as secondary packing. Secondary packing shall be further packed in 5-ply CFB box as transport packing.

ANNEXURE-VII

List of Findings in the Schedule

<u>A: List of Molecules having Duplicate Entries</u>				
S. No.	S. No. Schedule	Product name	Chemical name	Remark
1	005	Amiton	S-2-diethylaminoethyl O,O-diethyl phosphorothioate	Both are same. Tetram is a trade name. Therefore, Amiton being common name should be retained. Sr. No. 312 may be deleted.
	312	Tetram (amiton)		
2	019	Simazine (Chlorobis (ethylamino)triazine)	6-chloro-N ₂ N ₄ -diethyl- 1,3,5-triazine-2,4- diamine	Both are same. Chlorobis (ethylamino)triazine is a chemical name. Therefore, Simazine being common name should be retained. Sr. No. 301 may be deleted.
	301	Simazine		
3	023	Chlorpropham (chloro IPC)	Isopropyl 3- chlorocarbamate	Both are same. Therefore, one at Sr. No. 27 may be deleted.
	027	Chlorpropham (IPC)		
4	026	Carbophenothion (Trithion)	S-4- chlorophenylthiomethyl O,O-diethyl phosphorodithioate	Both are same. Trithion is a trade name. Therefore carbophenothi on being common name should be retained. Sr. No. 164 may be deleted.
	164	Carbophenothion		
5	044	Naled (Dibrom)	1,2-dibromo-2,2- dichloroethyl dimethyl phosphate	Both are same. Dibrom is trade name. Therefore, Naled being common name should be retained. Sr. No. 266 may be deleted.
	266	Naled		
6	048	Trichlorfon (Dipterex)	Dimethyl 2,2,2-trichloro- 1- hydroxyethylphosphonate	Both are same. Dipterex is a trade name. Therefore, Trichlorfon being common name should
	119	Trichlorphon		

				be retained. Sr. No. 119 may be deleted.
7	051	Thiometon (Ekatir)	S-2-ethyl thioethyl-O,O-dimethyl phosphorodithioate	Both are same. Ektair is trade name. Therefore, Thiometon being common name should be retained. Sr. No. 122 may be deleted.
	122	Thiometon		
8	055	EPTC (Eptam)	5-ethyl dipropylthiocarbamate	Both are same. Eptam is a trade name. Therefore, being common name should be retained. Sr. No. 220 may be deleted.
	220	EPTC		
9	065	TEPP (HETP)	Tetraethyl pyrophosphate	Both are same. HETP is trade name. Therefore, TEPP being common name should be retained. Sr. No. 114 may be deleted.
	114	TEPP		
10	082	Demeton-S-methyl (Methyl demeton)	S-2-ethylthioethyl O,O-dimethyl phosphorothioate	Both are same. Therefore, Sr. No. 532 may be deleted.
	532	Demeton-S-methyl		
11	079	Methoxychlor	1,1,1-trichloro-2,2-bis (4-methoxyphenyl)ethane	Both are same. Metox is trade name Therefore, Methoxychlor being common name should be retained. Sr. No. 85 may be deleted.
	085	Metox		
12	097	Mevinphos (Phosdrine)	2-methoxycarbonyl-1-methylvinyl dimethyl phosphate	Both are same. Phosdrine is trade name. Therefore, Mevinphos being common name should be retained. Sr. No. 259 may be deleted.
	259	Mevinphos		
13	098	Phosmet (Phthalimidomethyl, Imidan)	O,O-dimethyl-S-phthalimidomethyl phosphorodithioate	Both are same. Imidan is a trade name. Therefore, Phosmet being common name should be retained. Sr. No. 280 may be deleted.
	280	Phosmet		
14	102	Pebulate (Tillam)	S-propyl butyl (ethyl) thiocarbamate	Both are same. Tillam is a trade name.
	276	Pebulate		

				Therefore, Pebulate being common name should be retained. Sr. No. 276 may be deleted.
15	104	Rotenone	(2R, 6aS, 12aS)-1,2,6,6a,12,12a-hexahydro-2-isopropenyl-8,9-dimethoxychromeno [3,4-furo[2,3-h]chromen-6-one	Both are same. Therefore, Sr. No. 726 may be deleted.
	726	Rotenone		
16	109	Sulfur	Sulfur	Both are same. Therefore, Sr. No. 216 may be deleted.
	216	Dusting Sulfur		
17	203	Daminozide (Alar)	N-dimethylamino succinamic acid	Both are same. Alar is a trade name. Therefore, Daminozide being common name should be retained. Sr. No. 531 may be deleted.
	531	Daminozide		
18	213	Dodemorph	4-cyclododecyl-2,6-dimethylmorpholine	Both are same. Meltatox is trade name. Therefore, Dodemorph being common name should be retained. Sr. No. 534 may be deleted.
	534	Dodemorph (Meltatox)		
19	231	Fluometuron	1,1-dimethyl-3-(a, a, a-m-tolyl) urea	Both are same. Therefore, Sr. No. 470 may be deleted.
	470	Fluometuron	1,1-dimethyl-3-(a, a, a-triafluoro-m-tolyl) urea	
20	271	Omethoate	O,O-dimethyl S-methylcarbamoylmethyl phosphorothioate	Both are same. Therefore, Sr. No. 748 may be deleted.
	748	Omethoate		
21	392	Phenothrin [(1R)-trans- isomer]	3-phenoxybenzyl (+)-cis-trans-chrysanthemate	All three are same. Therefore, Sr. No. 664, 674 may be deleted.
	664	Phenothrin[(1R)-trans isomer](d-phenothrin)	3-phenoxybenzyl (1RS,3RS; 1RS, 3SR)-2,2-dimethyl-3-(2-methylprop-1-enyl) cyclopropane carboxylate	
	674	d-phenothrin	3-phenoxybenzyl-(+)-cis, trans chrysanthemate	

22	411	Tolclofosmethyl	O-2,6-dichloro-p-tolyl O,O- dimethylphosphorothioate	Both are same. Therefore, Sr. No. 639 may be deleted.
	639	Tolclofos-methyl		
23	467	Fenmetralin	N-(2-chloro-6- fluorobenzyl) N-ethyl- a,a,a-trifluoro-2,6- dinitro-p-toludine	Both are same. Flumetralin is the correct name. Sr. No. 467 may be deleted.
	838	Flumetralin		
24	471	Flutriafol	(RS)-2, 4'-difluoro-a- (1H-1, 2,4-triazol-1- ylmethyl) benzhydryl alcohol	Both are same. Therefore, Sr. No. 650 may be deleted.
	650	Flutriafol		
25	477	Hexaflumuron	1-[3,5-dichloro-4- (1,1,2,2- tetrafluoroethoxy)phenyl]-3- (2,6- difluorobenzoyl)urea	Both are same. Therefore, Sr. No. 648 may be deleted.
	648	Hexaflumuron		
26	501	Tribenuron- methyl	methyl 2-[[[(4-methoxy- 6-methyl-1,3,5-triazin-2- yl) methyl amino] carbonyl] amino]sulfonyl] benzoate	Both are same. Therefore, Sr. No. 744 may be deleted.
	744	Tribenuron- methyl		
27	505	Paclobutrazol	(2RS, 3RS)-1-(4- chlorophenyl)-4,4- dimethyl-2-(1H1,2,4- triazol-1-yl) pentan-3-ol	Both are same. Therefore, Sr. No. 544 may be deleted.
	544	Paclobutrazol		
28	611	Potassium Phosphonate	H KO - P - OK O	Potassium phosphonate and potassium salt of phosphonic acid are the same. Therefore, Sr. No. 898 may be deleted.
	898	Phosphonic acid OR Potassium Phosphonate(a mixture of Mono Potassium and Di Potassium Salts of Phosphonic Acid)	i. Potassium hydrogen phosphonate ii. Dipotassium phosphonate IUPAC- Potassium hydrogen phosphonate	
29	485	Neem products	Neem leaves, Neem oil, Neem seed kernel, Neem cake	Both are same. Therefore, Sr. No. 710 may be deleted.
	710	Reduced azadirachtin(s)]	[Active Ingredient(s) dihydroazadirachtin (Chemical code 121702), and tetrahydroazadirachtin	

30	495	Tebuthiuron	1-(5-tert-butyl-1,3,4-thiadiazol-2-yl)-1,3-dimethylurea	Both are same. Therefore, Sr. No. 772 may be deleted.
	772	Tebuthiuron		
31	699	Hymexazol	5-methylizoxazol-3-ol	Both are same. Therefore, Sr. No. 810 may be deleted.
	810	Hymexazole		
32	724	Thifensulfuron-methyl	3-(4-methoxy-6-methyl-1,3,5-triazin-2-yl carbamoylsulfamoyl) thiophen-2-carboxylic acid	Both are same. Therefore, Sr. No. 745 may be deleted.
	745	Thifensulfuron methyl		
33	799	Propisochlor	2 chloro-6'-ethyl-N-isopropoxymethylacetotoluidide	Both are same. Therefore, Sr. No. 873 may be deleted.
	873	Propisochlor		
34	863	Solatenol	N-[(1RS,4SR)-9-(dichloromethylene)-1,2,3,4-tetrahydro-1,4-methanonaphthalen-5-yl]-3-(difluoromethyl)-1-methylpyrazole-4-carboxamide	Both are same. Therefore, Sr. No. 863 may be deleted.
	872	Benzovindiflupyr		
35	903	Fluazaindolizine	8-chloro-N-[(2-chloro-5-methoxyphenyl)sulfonyl]-6-(trifluoromethyl)imidazo[1,2-a]pyridine-2-carboxamide	Both are same. Therefore, Sr. No. 923 may be deleted.
	923	Fluazaindolizine		
36	921	Fenpropimorph	(±)-cis-4-[3-(4-tert-butylphenyl)-2-methylpropyl]-2,6-dimethylmorpholine	Both are same. Therefore, Sr. No. 940 may be deleted.
	940	Fenpropimorph		
37	287	Propyzamide (Pronamide, Kerb)	3,5-dichloro-N-(1,1-dimethylpropynyl) benzamide	Both are same. Kerb is Trade name Therefore, Sr. No. 546 may be deleted.
	546	Propyzamide		
38	373	Thiocyclamhydro	N,N-dimethyl-1,2,3-	Both are same.

		gen oxalate	trithian-5ylamine hydrogen oxalate	Therefore, Sr. No. 616 may be deleted.
	616	Thiocyclamhydro gen oxalate (Thiocyclam)		
39	457	Defenfenican	2',4'difluoro-2-a,a,a- trifluoro-m-tolyloxy)- nicatinanilide	Both are same. Therefore, Sr. No. 727 may be deleted.
	727	Diflufenican	2',4'-difluoro-2-(a,a,a- trifluoro-m-tolyloxy) nicotinamilide	
40	525	Triflumizole	(E)-4-chloro-a,a,a- trifluoro-N-(1-imidazol- yl-2- propoxyethylidene)- o- toluidine	Both are same. Therefore, Sr. No. 559 may be deleted.
	559	Triflumizole		
41	553	(Z)-hexadec-11- enal (Z11- Hexadecenal)	(Z)-hexadec-11-enal	Both are same. Therefore, Sr. No. 934 may be deleted.
	934	Z-11- HDALCommon Name (Z)-11- Hexadecenal (Chemical name)	(Z)-11-Hexadecenal	
42	567	Epoxiconazole	(2RS, 3SR)-1[3-(2- chlorophenyl)-2,3-epoxy- 2-(4- fluorophenyl)propyl]- 1H-1,2,4-triazole	Both are same. Therefore, Sr. No. 605 may be deleted.
	605	Epoxyconazole		
43	600	Acibenzolar-S- methyl	S-methyl benzo [1,2,3] thiadiazole-7- carbothioate	Both are identical. Therefore, Sr. No. 676 may be deleted.
	676	Acibenzolar-S- methyl	Ethyl-2-chloro-5-(4- chloro-5- difluoromethoxy-1- methyl pyrazol-3-yl)-4- fluorophenoxy acetate	

<u>B: List of the Molecules and its Mixtures</u>				
S. No.	S. No. Schedule	Product name	Chemical name	Remark
1.	37	D-D Mixture	1,2-dichloropropane with 1,3-dichloropropene	1, 2-dichloropropane is at S. No 197 1,3-dichloropropene – Not in schedule This mixture may be deleted and the molecule 1,3-dichloropropene may be included in the schedule.
2.	606	Efgostim	It is a mixture of ATCA (N-acetyl-thiazolidine-4-carboxylic acid) and folic acid in the ratio of 50:1	Correct name- Ergotism. Both ATCA in Ergotism and NATCA IUPAC name are identical only folic acid is extra which is inactive. Therefore, Efgostim Sr. No. 606 may be deleted.
	850	N-acetylthiazolidine-4-carboxylic acid (NATCA)	N-acetylthiazolidine-4-carboxylic acid (NATCA)	
3.	174	Citicide	Chlorinated terpenes	Both chemical and its IUPAC name are identical. Toxaphene is trade name. Sr. No. 174 may be deleted.
	123	Camphchlor (Toxaphene)	A reaction mixture of chlorinated camphenes containing 67-69% chlorine Chlorine gas with camphene (bicyclic terpenoid)	
4.	871	Copper sulfate (tribasic)	Copper hydroxide sulfate	A mixture of Copper sulphate S. No. - 32 and Copper hydroxide S. No- 177. As both molecules are individually available in the schedule, Sr. No.
	892	Tri-basic copper sulphate	Copper (II) hydroxide sulphate	

				871 and 892 may be deleted.
5.	50	EDCT	1,2-dichloroethane and carbon tetra chloride mixture	1,2-dichloroethane – S.No.59 Carbon tetrachloride – S. No. 17 Therefore, Sr. No. 50 may be deleted.
6.	156	Brozone	methyl bromide and chloropicrin in petroleum solvent	methyl bromide - S.No. 81 chloropicrin – S.No. 24 Therefore, Sr. No. 156 may be deleted.
7.	202	Dikar	A blend of mancozeb (Dithane M-45) and Tech. Karathane (Karathane is Dinocap)	Mancozeb S.No.- 249 Dinocap S.No. – 204 Therefore, Sr. No. 202 may be deleted.
8.	890	Calcium copper sulphate/Copper calcium sulphate	A mixture, with or without stabilizing agents, of calcium hydroxide and copper (II) sulfate CAS NAME: Bordeaux mixture	Copper sulphate S. No. – 32 Calcium Hydroxide not available in schedule
9.	159	Bufencarb	Mixture of 3-(1-methylbutyl) phenyl methylcarbamate and 3-(1-ethylpropyl) phenyl methylcarbamate	3-(1-methylbutyl) phenyl methylcarbamate – Not available 3- (1-ethylpropyl) phenyl methylcarbamate - Not available The individual molecules may be included in the schedule
10	160	Cadmium based compounds	Cadmium chloride, Cadmium sulphate, Cadmium succinate	The individual molecules may be included in the schedule
11	238	Indol-3-ylacetic acid and 4-indol 3-ylbutyric acid	Indol-3-ylacetic acid and 4-indol 3-ylbutyric acid	The individual molecules may be included in the schedule
12	388	Herbal Extract	A mixture of diallyl disulphide, allyl propyl disulphide and allyl isothiocyanate	All not available

13	536	HL-Rope	Z-11-hexadecenal and Z-9-hexadecenal	Z-11-hexadecenal – S.No. 553 Z-9-hexadecenal – S.No. 933. May be deleted.
14	537	HP-Rope	ZZ/EZ-7, 11-hexadecadien-1-yl-acetate; Z-11-hexadecenal; Z-9-hexadecenal	Z-11-hexadecenal – S.No. 553 Z-9-hexadecenal – S.No. 933 ZZ/EZ-7, 11-hexadecadien-1-yl-acetate – Not available. this molecule may be included in the schedule
15	543	Gossypure (PB Rope-L)	1:1 mixture of (Z,Z)-and (Z, E)-hexadeca-7,11-dien-1-yl acetate	(E)-11-Hexadecenyl acetate -S.No. 936

C:List of Molecules which are registered but not in the schedule, maybe Added

S. No.	S. No. Schedule	Product name	Chemical name	Remark
1	----	2, 4-D Sodium Salt	sodium;2-(2,4-dichlorophenoxy)acetate	
2	----	2, 4-D Amine salt	2-(2,4-dichlorophenoxy)acetic acid;N-methylmethanamine	
3	----	2, 4-D Ethyl Ester	ethyl 2-(2,4-dichlorophenoxy)acetate	
4	----	Paraquat Dichloride	1-methyl-4-(1-methylpyridin-1-ium-4-yl)pyridine-1-ium;dichloride	
5	----	Lambda-cyhalothrin	[(R)-cyano-(3-phenoxyphenyl)methyl] (1S,3S)-3-[(Z)-2-chloro-3,3,3-trifluoroprop-1-enyl]-2,2-dimethylcyclopropane-1-carboxylate	

6	----	Flusilazole	bis(4-fluorophenyl)-methyl-(1,2,4-triazol-1-ylmethyl)silane	
7	----	Cartap hydrochloride	S-[3-carbamoylsulfanyl-2-(dimethylamino)propyl] carbamothioate; hydrochloride	
8	----	IPA salt of Glyphosate	2-(phosphonomethylamino)acetate;propan-2-ylazanium	
9	-----	Ammonium salt of Glyphosate	azanium;(carboxymethyl amino) methyl-hydroxyphosphate	

D: List of Molecules whose name may be Corrected

S. No.	S. No. Schedule	Product name	Chemical name	Remark
1	161	Campogram M	2,5-dimethyl-furan-3-carbolic acid anilide and [zinc]	Correct chemical name is – 2,5-dimethyl-furan-3-carbolic acid anilide and [zinc] manganese ethylene-bis-dithiocarbamate
2	181	Coyden	3,5-dichloro-2,6-dimethyl-1 <i>H</i> -pyridin-4-one	Coyden is trade name Correct name is :Colpidol Therefore, Colpidol may be added and trade name may be deleted.
3	753	SYP 1620	N-methyl 2-[2-(((4-(2,6-dichloro-phenyl)-3-butenylidene-2-yl)amino)oxy)methyl)-phenyl]-2-methoxyiminoacetamide	Correct name is – Fenaminstrobin. Therefore, SYP 1620 may be deleted.
4	250	Menap	O-ethyl S,S-dipropylphosphordithioate	Correct name is – Ethoprofos. Therefore, Menap which is a trade name may be deleted.

ANNEXURE-VIII**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**

S.No.	Applicant(M/s)	Product Name	RC No.
01.	M/s Willowood Chemicals Pvt. Ltd	Bifenthrin Technical 95% w/w min	414
02.	M/s Willowood Chemicals Pvt. Ltd	Lambda cyhalothrin Technical 96% w/w min.	414
03.	M/s Willowood Chemicals Pvt. Ltd	Propineb Technical 85% w/w min	414
04.	M/s Willowood Chemicals Pvt. Ltd	Propergite Technical 90.8% w/w min.	414
05.	M/s Willowood Chemicals Pvt. Ltd	Diafenthiuron Technical 97% w/w min.	414
06.	M/s Willowood Chemicals Pvt. Ltd	Imidacloprid Technical 95% w/w min.	414

ANNEXURE-IX**Import permit issued for multi-use/dual-use (non-insecticidal purpose)****Multi-use insecticides (Boric Acid) 414 RC**

S.No.	Applicants (M/s)	Decision of the Registration Committee
1.	Dorf Ketal Chemicals (I) Pvt Ltd.	Approved of 30 M.T. of Boric Acid for the use in manufacturing of Fuel Additive PX-3872.
2.	Navin Fluorine International Ltd.	M/s Navin Fluorine has been permitted to import 2000 MT Boric acid.

Multi-use insecticides (Other than Boric Acid) 414 RC

S.No.	Applicants (M/s)	Decision of the Registration Committee
1.	D.D. Shah Fragrances Pvt. Ltd.	Approved 1 M.T. of Eucalyptol for the use in manufacturing of Flavouring Compounds and reconstituted essential oils.
2.	Swati Menthol & Allied Chemicals Ltd.	Approved 264 MT of Eucalyptus Oil for the use in manufacturing of rectified Eucalyptus Oil, Cajuput Oil, Cineole, Cineole 60%, Rectified Eucalyptol, Eucalyptus oil extra pure.
3.	Hasita Aromatics Pvt. Ltd.	Approved 53 M.T. of Sodium Cyanide for the use in manufacturing of (S)-3-Cyano-5-Methyl Hexanoic Acid Ethyl Ester.
4.	Bayer Vapi Private Limited.	Approved 1200 M.T. of Acrylonitrile for the use in manufacturing of Cypermethric Acid Chloride and Imidacloprid Technical.
5.	Bayer Vapi Private Limited.	Approved 600 M.T. of Ethylene Dichloride for the use in manufacturing of Cypermethic Acid, Becisthemic Acid, Deltamethrin and Transfluthrin.

Multi-use insecticides (Boric Acid) 416 RC

S.No.	Applicants (M/s)	Decision of the Registration Committee
1.	Thirumalai Chemicals Ltd.	Approved 133 M.T. of Thiourea for the use in manufacturing of Fumaric Acid.
2.	M. B. Sales Corporation.	Approved 400 M.T. of Potassium Cyanide for the trading purpose.
3.	M. B. Sales Corporation.	Approved 1000 M.T. of Sodium Cyanide for the trading purpose.
4.	UPL Ltd. Uniphos House.	Approved 354 M.T. of Sodium Cyanide for the use in manufacturing of Cypermethrin Technical.
5.	Hemani Industries Ltd.	Approved 2010 M.T. of Sodium Cyanide for the use in manufacturing of Cypermethrin, Alphacypermethrin, LambadaCyclothrin, Deltamethrin.
6.	Hemani Industries Ltd.	Approved 1200 M.T. of Soium Cyanide for the use in manufacturing of Dichlobenil.

Multi-use insecticides (Other than Boric Acid) 416 RC

S.No.	Applicants (M/s)	Decision of the Registration Committee
1.	Thirumalai Chemicals Ltd.	Approved 133 M.T. of Thiourea for the use in manufacturing of Fumaric Acid.
2.	M. B. Sales Corporation.	Approved 400 M.T. of Potassium Cyanide for the trading purpose.
3.	M. B. Sales Corporation.	Approved 1000 M.T. of Sodium Cyanide for the trading purpose.
4.	M. B. Sales Corporation.	Approved 1000 M.T. of Sodium Cyanide for the trading purpose.
5.	UPL Ltd.	Approved 354 M.T. of Sodium Cyanide for the use in manufacturing of Cypermethrin Technical.
6.	Hemani Industries Ltd.	Approved 2010 M.T. of Sodium Cyanide for the use in manufacturing of Cypermethrin, Alphacypermethrin, LambadaCyclothrin, Deltamethrin.
7.	Hemani Industries Ltd.	Approved 1200 M.T. of Soium Cyanide for the use in manufacturing of Dichlobenil.

Multi-use insecticides (Other than Boric Acid) 420 RC

S.No.	Applicants (M/s)	Decision of the Registration Committee
1.	Sabari Chemicals Pvt Ltd.	Approved of 360 M.T. of Sodium Cyanide. for the manufacturing of Benzyl Cyanide, Alpha Naphthalene Acetic Acid, Para Methoxy Phenyl Acetonitrile.

Multi-use insecticides (Boric Acid) 421 RC

S.No.	Applicants (M/s)	Decision of the Registration Committee
1.	FDC Limited.	Approved of 0.050 M.T. of Boric Acid Powder 99.97 for the use in manufacturing of Pilocarpine Hydrochloride Ophthalmic Solution 1% W/V (Eye Drop).
2.	M/s NaharColours& Coating Pvt Limited.	Approved of 750 MT of Boric Acid B203 56.3% for the use in manufacturing of Ceramic Glaze Frit/ Glaze Mix.

Multi-use insecticides (Other than Boric Acid) 421 RC

S.No.	Applicants (M/s)	Decision of the Registration Committee
1.	Sarna Chemicals Pvt Ltd.	Approved of 2000 M.T. of Mono Nitro Benzene/ Nitro Benzene 99% for the use in manufacturing of Mono ChloroAnilline (MCA) & Meta Nitro Chloro Benzene (MNCB)
2.	AnupamRasayan India Limited.	Approved of 2000 M.T. of 2,6-Dichloro Benzonitrile (DCBN) for the use in manufacturing of 2,6- Difluoro Aniline.
3.	Honour Lab Limited.	Approved of 800 M.T. of Sodium Cyanide for the use in manufacturing of S(+)-2-Amino Butyramide Hydrochloride.
4.	Sanjay Chemicals (India) Pvt Ltd.	Approved of 1500 M.T. of Sodium Cyanide for the trading purpose.

ANNEXURE-X

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.

(Entomology)

Sl. No.	R.C. No.	File No.	Company Name	Product Name	Crop	Waiting Period/PHI (Days)
1.	415	NIL	NIL	NIL	NIL	NIL
2.	416	17-549/2015-CIR-II	M/s Bayer CropScience Limited	Fipronil 80% WG	Chilli	05
3.	417	7374-F/9(3)/2016-CIR-II	M/s Sulphur Mills Limited	Chlorpyrifos 75% WG	Rice	15
4.	417	8863-F/9(3)/2017-CIR-II	M/s Indofil Industries Limited	Propargite 42% + Hexythiazox 2% w/w EC	Tea	07
5.	418	NIL	NIL	NIL	NIL	NIL
6.	419	NIL	NIL	NIL	NIL	NIL
7.	420	7373-F/9(3)/2016-CIR-II	M/s Sulphur Mills Limited	Chlorpyrifos 50% + Cypermethrin 5% WG	Rice	15
8.	420	8047-END/2017	M/s Bayer CropScience Limited	Imidacloprid 48% w/w FS	Wheat	Seed Treatment
9.	422	17-608/2015-CIR-II	M/s Chemtura Chemicals India Ltd.	Diflubenzuron 2% Granules	Public Health	N/A
10.	422	9863-F/9(3)/2018-CIR-II	M/s Gowan India Private Limited	Fenazaquin 18.3% w/w SC	Brinjal	10

(Plant Pathology)

Sl. No.	R.C. No.	File No.	Company Name	Product Name	Crop	Waiting Period/PHI (Days)
1.	416	10030-END/2019	M/s Indofil Industries Ltd.	Carbendazim 25 % + Mancozeb 50% WS	Maize	Seed Dresser
2.	416	9145-END/2018	M/s Indofil Industries Pvt. Ltd.	Carbendazim 25 % + Mancozeb 50% WS	Black gram Bengal Gram Soybean Onion	Seed Dresser
3.	417	8482-FI/9(3)/2017	M/s ADAMA India Pvt. Ltd.	Prochloraz 5.7% w/w + Tebuconazole 1.4% w/w ES	Chickpea Groundnut	Seed Dresser
4.	417	F.No.6875-FI/9(3)/2015	M/s Dhanuka Agritech Ltd.	Amisulbrom 17.7% w/w (20% w/v)	Grape Potato	59 19

(Weed Science)

Sl. No.	RC No.	File No.	Company Name	Product Name	Crop claim	Waiting Period/PHI (Days)
1.	416	4-FI/ 9(3)/2010- CIR-II	M/s Rallis India Ltd	Clethodim 25% w/w EC	Soybean	62
2.	416	7660- END/2017	M/s ADAMA India Pvt. Ltd	Propaquizafop 2.5% + Imazethapyr 3.75% w/w ME	Groundnut Blackgram Clusterbean	97 56 64
3.	416	8387-F 9(3)/2017	M/s Rallis India Ltd	Penoxsulam 1% + Pendimethalin 24% SE	Rice	100
4.	420	8469- F/9(3)/2017- CIR-II	M/s Coromandel International Ltd	Bispyribac Sodium 20% + Pyrazosulfuron Ethyl 15% WDG	Rice	130
5.	421	7780-F 9(3)/2016	M/s Crystal Crop Protection Pvt. Ltd	Fomesafen 12% + Quizalofop ethyl 3% SC	Soybean	71

Annexure XI**Name of the Molecules for consideration for inclusion in the Schedule to the Insecticides Act, 1968**

S. No	F.No	Name of the Applicant (M/S)	Common Name/ CAS No./IUPAC/ CAS Name	Bio-efficacy	Toxicity	Status of Registration in Other Country	Remark
1.	3151/InclusionSchedule	Rallis India Ltd	Pyraziflumid 942515-63-1 N-(3',4'-difluorobiphenyl-2-yl)-3-(trifluoromethyl)pyrazine-2-carboxamide	Used as Fungicide against various diseases in the field of vegetables, fruits, trees, turf, and rice as well as gray mold, sclerotinia rot, and powdery mildew.	Oral: Rat LD ₅₀ (mg/kg) female >2000 (No animals died or showed any clinical signs at a dose level of 2000 mg/kg.) Dermal: Rat LD ₅₀ (mg/kg) male, female > 2000 (No animals died or showed any clinical signs at a dose level of 2000 mg/kg.) Inhalation: Rat LC ₅₀ (mg/L/4h) male, female > 2.1 (No animals died at a dose level of 2.1 mg/L/4h.) Skin corrosion/irritation: Rabbit Non irritant Serious eye damage/irritation: Rabbit Non-irritant Respiratory sensitization: No data available Skin sensitization: Mouse LLNA -test Negative Germ cell mutagenicity: Bacterial reverse mutation test: Negative Carcinogenicity: No evidences of carcinogenicity for human have been observed in the animal studies	Registered in Japan in 2018 Registered in South Korea in 2018	Approved
2.	3152/InclusionSchedule	ATGC Biotech Pvt Ltd	3E 8Z TDDA 163041-87-0	Pheromone	³⁷ Human Health Hazards – Skin Corrosion/Irritation Skin Irrit. 2	Used locally in Brazil and South	Approved

	<u>ched</u> <u>ule</u>		3E 8Z Tetradecadie nyl acetate		Other data not available	American	
3.	<u>3154</u> <u>/Incl</u> <u>usio</u> <u>nInS</u> <u>ched</u> <u>ule</u>	ATGC Biotech Pvt Ltd	Z 11 HDAc 34010-21-4 Z 11Hexadecen yl acetate	Pheromone	Acute toxicity no data available Skin corrosion/irritation no data available Serious eye Damage/eye irritation no data available Respiratory or skin sensitization no data available Germ cell mutagenicity no data available Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. Reproductive toxicity no data available	Used in Brazil and South American	Approved
4.	<u>3151</u> <u>/Incl</u> <u>usio</u> <u>nInS</u> <u>ched</u> <u>ule</u>	Dow AgroSc iences India (P) Ltd	Fenpicoxamid 517875-34-2 [2- [[[(3S,7R,8R,9 S)-7-benzyl-9- methyl-8-(2- methylpropano yloxy)-2,6- dioxo-1,5- dioxonan-3- yl]carbamoyl]- 4-methoxy pyridin-3- yl]oxymethyl 2-methyl propanoate	Antibiotic fungicide, with a new target site for disease control in Septoria species.	Acute oral LD50 (rat) >2000 mg/kg Acute dermal LD50 (rat) >5000 mg/kg Dermal sensitization (rabbit) Negative Chronic 2 year (rat) Not carcinogenic Reproduction (rat) Not a reproductive toxicant Neurotoxicity (rat) No adverse effects	UK	Approved
5	<u>3148</u> <u>/Incl</u> <u>usio</u> <u>nInS</u> <u>ched</u>	Strategi c Manag ement Service	Hydrogen Peroxide 7722-84-1	Antiviral /Antimicrobi al Agent	Acute Oral Rat LD ₅₀ = 801 mg/Kg, Acute Rat- No data available, Acute inhalation Rat LC ₅₀ =2.0 gm/m ³		The Board observed that the product was considered

	ule	s					in the 55 th Board meeting, and no additional information submitted and hence did not approve.
6	<u>3149 /Inclusion In Schedule</u>	Strategic Management Services	Sodium Hypochlorite 7681-52-9	Antimicrobial Agent	Not Found		The Board observed that the product is used as antimicrobial agent and hence did not approve.
7	3147 /Inclusion In Schedule	Hikal Limited	Benzofenap 82692-44-2 2-[4-(2,4-dichloro-m-toluoyl)-1,3-dimethyl-1H-pyrazol-5-yloxy]-4'-methylacetophenone	Rice herbicide. Particularly effective as a specialist for the control of Sagittaria species, e.g. Sagittariatrifolia, while being very safe to the rice crop.	Acute Oral Rat > 15,000 mg/Kg, Acute Dermal >5000 mg/Kg, Acute inhalation >1.93 mg/L, primary skin irritation-Slightly Irritant, Mucous membrane irritation - Non Irritant, Carcinogenicity-Non Carcinogenic, Mutagenicity-Negative, Neurotoxicity- Not Required	Japan and Australia	Approved
8	3150 /Inclusion In Schedule	Sajjan India Ltd	Sulfometuron methyl 74222-97-2 2-(4,6-Dimethylpyrimidin-2-ylcarbamoyleulfamoyl) benzoic acid, methyl ester or methyl 2-[[4,6-dimethylpyrimidin-2-	Broad-spectrum urea herbicide. It is used for the control of annual and perennial grasses and broad-leaved weeds in non-cropland. It also has forestry applications where it is	Acute Oral LD ₅₀ > 5000 mg/Kg, Acute Dermal >2000 mg/Kg, Acute inhalation LC ₅₀ >5.0 mg/L, Eye irritation-Min. irritation, Dermal irritation-Not an Irritant, Skin Sensitizer –Not a Sensitizer	Argentina, Australia, Belarus, Brazil, Canada, China, Israel, Mexico, Paraguay, Russian Fed., Uruguay and USA	Approved

			yl)carbamoyl [sulfamoyl]b enzoate (as per site however, both are same)	used to control woody tree species			
9	<u>3155</u> <u>/Incl</u> <u>usio</u> <u>n In</u> <u>Sche</u> <u>dule</u>	Astec Life Science s Limited	Cyclopyrimo rate 499231-24-2 [6-chloro-3- (2- cyclopropyl- 6- methylpheno xy)pyridazin- 4-yl] morpholine- 4-carboxylate	A selective herbicide used to control broad-leaved and grassy weeds in cereals and rice	Acute Oral Rat LD ₅₀ > 2000 mg/Kg, Acute Dermal male and female Rat>2000 mg/Kg, Acute inhalation (4 hrs) male and female Rat>5.02mg/L, primary skin irritation Rabbit- Non-Irritant, Mucous membrane irritation Rabbit- Non-Irritant, Skin Sensitizer Guinea Pig -Positive	Japan	Approved
10	3162 <u>/Incl</u> <u>usio</u> <u>nInS</u> <u>ched</u> <u>ule</u>	UPL Limited	Cinnamaldehy de 104-55-2 (E)-3- phenylprop- 2-enal	Acute Antimicrobia l properties	Acute Oral Rat LD ₅₀ – 2,220 mg/kg, Acute Dermal Rabbit LD ₅₀ – 1,260 mg/kg Skin corrosion/irritation Causes skin irritation Aquatic toxicity (acute) Fish LC ₅₀ – 105.8 mg/l aquatic invertebrates EC ₅₀ – 119.6 mg/l	Safety, health and environmen tal regulations/l egislation specific for the substance or mixture Relevant provisions of the European Union (EU) • Regulation 649/2012/E U concerning the export and import of hazardous chemicals (PIC)- Not Listed EU Pesticides	The Board observed that the product is used in food industry as flavouring agent and hence did not approve.

						Data-Pending [Reg. (EC) No 1107/2009]	
11	3159 /Inclusion Schedule	ATGC Biotech Pvt Ltd	Z 13-ODAc 60037-58-3 Z-13- Octadecenyl acetate	Insect pheromone	Acute toxicity Not available Skin corrosion/irritation Prolonged skin contact may cause temporary irritation. Ecotoxicity: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.	US state regulation – Not Listed	Approved
12	3160 /Inclusion Schedule	ATGC Biotech Pvt Ltd	Z 13-ODOH 69820-27-5 Z-13- Octadecenol	Insect pheromone	---	----	Approved
13	3161 /Inclusion Schedule	ATGC Biotech Pvt Ltd	4 vinyl anisole 637-69-4 1-ethenyl-4- methoxybenz ene	No data available	No data available	No data available	Incomplete information and hence did not approve.