

**MINUTES OF THE 55<sup>th</sup> MEETING OF THE CENTRAL INSECTICIDES BOARD (CIB) HELD ON 13.11. 2018 AT 11.00.AM IN THE ROOM NO. 445 A WING, NIRMAN BHAWAN, NEW DELHI.**

The 55<sup>th</sup> meeting of Central Insecticide Board was held on 13.11.2018 at 11.00 am in the DGHS conference Room No. 445, 'A' Wing, Nirman Bhawan, New Delhi under the chairmanship of Dr. S. Venkatesh, Director General of Health Services, Ministry of Health & Family Welfare. Since the quorum was not complete, the meeting was adjourned for half an hour and reconvened at 11.30AM, The list of the participants is at **Annexure-I**.

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

**Agenda Item No.1: Confirmation of minutes of 54<sup>th</sup> meeting of CIB held on 03.04.2018:**

As no comments were received on the minutes, the minutes of 54<sup>th</sup> meeting of Central Insecticide Board were confirmed.

**Agenda Item No.2: Follow –up action on the decision of 54<sup>th</sup> Meeting of the CIB:**

The Board noted the follow up actions on the decisions of 54<sup>th</sup> meeting with satisfaction and appreciated the efforts made to complete the action in a time bound manner.

**Agenda Item No. 3 PROGRESS REPORT**

**(I) Progress report of the registration committee:**

Hon'ble Chairperson appreciated that all the categories of applications of registration including endorsements are being received and processed completely through the online system in the Secretariat of CIB&RC. Clear and transparent processes will lead to better regulatory results. He appreciated the efforts made by the Secretariat. The members were informed of to get the order passed by the Hon'ble High Court of Gujarat, Ahmedabad in favour of Government of India.

The Members were further apprised of the new pesticides and formulations approved/ registered by the RC u/s 9(3) of the Insecticides Act, 1968 since the last Board meeting. The board noted the progress made by the CIB&RC in registering of newer and safer formulations. The lists approved by the Registration Committee for registration under section 9 (3) of the Insecticides Act,1968 of new pesticides and formulation is at **Annexure-II**, new pesticides and formulation of already registered pesticides is at **Annexure-III**, and New & already registered Bio-pesticides is at **Annexure-IV** respectively.

**(II.) Progress Report of Central Insecticides Laboratory and Regional Pesticide Testing Laboratories.**

The Board noted the progress of the CIL and RPTL's with satisfaction

**(III.) PROGRESS REPORT OF TECHNO-LEGAL CELL:**

The Board noted the progress of the Techno-legal Cell with satisfaction.

**Agenda Item No. 4: 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 Insecticide Act, 1968 as per **Annexure –V**.

**Agenda item No. 5: New packing approved by the Registration Committee**

The agenda was deliberated in details and board noted the progress made by the CIB&RC in approving new packing for new formulation and additional packaging for registered pesticides as per details at **Annexure-VI**.

**Agenda Item No.6: Waiting period /pre-harvest interval between application and harvest w.r.t new formulation and label expansion of already registered formulation.**

The Members were apprised of the new formulations u/s 9(3) registered by the RC since the last Board meeting. The agenda was deliberated in details and board noted the progress made by the CIB&RC in registering of newer and safer formulations. The lists of label expansion of registered formulation along with waiting period is at **Annexure-VII** .

**Agenda Item No. 7:** **Consideration of Application for the permission to initiate data generation for enhancement of shelf-life of Pyrazosulfuron ethyl 10.0%WP from 18 months to 24<sup>th</sup> months.**

The Board deliberated the agenda in detail and decided to grant permission for initiation of data generation for enhancement of shelf-life of Pyrazosulfuron ethyl 10.0%WP from 18 months to 24<sup>th</sup> months for the registration Certificate No. CIR-128619/2015- Pyrazosulfuron ethyl (WP)(353)-2 issued under section 9 (4) of the Insecticides Act,1968 in favour of M/s Indofil Industries.

**Agenda Item 8:** **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 deliberated the list of applications received in the Sectt. CIB&RC for enhancement of shelf-life (provisional) from one year to two years for the products registered u/s 9 (3) of the Insecticides Act,1968 and granted permission to process the same as per guidelines.

**Agenda Item No. 9:** **Consideration of Amendments in the rules vide Notification issued by M/o Agriculture and Farmers Welfare.**

The board appreciated the effort made by the Government of India for reduction of number of forms under the Insecticides Act, 1968 and Rules 1971. The agenda was deliberated in details and approved the Gazette Notification G.S.R. 399(E) dated 20<sup>th</sup> April, 2018 issued by the Government of India for amendment of Rules w.r.t various forms required under the Insecticides Act. The notification is Annexed at **Annexure-VIII**.

**Agenda Item No. 10:** **Any other Items With the permission of Chair.**

In closing. APPA and Secretary (CIBRC) expressed his gratitude to all participants for their full cooperation and contribution to the 55<sup>th</sup> meeting for participation.

<b>S.No.</b>	<b>Name and Designation</b>
1.	Dr. S. Venkatesh, Director General of health services & Chairman, Central insecticides Board, Director of General of health Services, Ministry of health and family welfare, Nirman Bhawan, New Delhi.
2.	Dr. S.P shani Representative Drug Controller General of India, Nirman Bhawan, New Delhi
3.	Dr. D.s Suran scientist Representative Director Zollogical survey of India M block New Alipore, Kolkata 700 053
4.	Joint Commissioner (S&R), Department of food & Public Distribution, Krishi Bhawan,
5.	Dr. Anil kapri Representative The Director General Indian Standards institution, Bureau of Indians standards, Manak Bhawan, Bhadur shah Zafar marg.
6.	Director (IH), Director General of factory Advice, Service & Labour Institute Bldg. N.S. Manikiker Marg, sion Mumbai
7.	Dr. N.S. Dharamshakti Principal Adv.
8.	The Secretary, Central Committee for food standards, Directorate General health Services, Nirman Bhawan,
9.	PPA, Directorate of PPQ&S, Faridabad
10.	Dr. G.G joint Director, Ncde

**LIST OF NEW PESTICIDES AND FORMULATIONS APPROVED BY THE REGISTRATION COMMITTEE UNDER/SECTION 9(3) SINCE 54<sup>TH</sup> CIB MEETING.**

<b>S.No.</b>	<b>Name of the New Pesticide</b>	<b>Number RC</b>
1.	Metamifop Technical 96% min. w/w	384
2.	Fluopyram 34.48% SC u	384
3.	Metamifop 10% EC	384
4.	Fluxapyroxad 167g/l + Pyraclostrobin 333g/l SC	386
5.	Oxathiapipron Technical 95% w/w for import	386
6.	Oxathiapipron 10.1% w/w OD for formulation import	386
7.	Pyriproxyfen Technical 98% w/w min. (TIM vs TIT)	386
8.	Fluthiacet-methyl Technical 95% w/w min.	386
9.	Bispyribac sodium Technical 95% min. (TIM vs FI) formulation import without registering its Technical	386
10.	Tefluthrin Technical 92.00% w/w min.	386
11.	Triflumezopyrim Technical 94 % w/w Min	387
12.	Triflumezopyrim 10% w/w SC	387
13.	Flumioxazin Technical 98 % w/w Min.	387
14.	Quizalofop-ethyl 5% EC (FIM Vs FIT)	387
15.	Quizalofop ethyl Technical (TIM vs FI)	387
16.	Afidopyropen 50 g/l DC for formulation import without registering Afidopyroper technical	388
17.	Bensulfuron Methyl Technical 96% min. w/w	388
18.	Penoxsulam 0.97% w/w + Butachlor 38.8% w/w SE	388
19.	Trifloxystrobin Technical 96% w/w min.	388
20.	Metofluthrin 0.32% w/w LV	388
21.	Pymetrozin 50% w/w WG (FIM vs FIT)	388
22.	Pyriproxyfen Technical 97% w/w min	389
23.	Pyriproxyfen 5% + Diafenthiuron 25% SE (w/w)	389
24.	Fluthiacet-methyl 10% EC	389
25.	Azoxystrobin Technical 96.5% w/w min.	389
26.	Triafamone 20% w/w + Ethoxysulfuron 10% WG % w/w SC	390
27.	Bentazone Technical 96% w/w min.	392
28.	Cyenopyrafen 30% w/w SC for formulation import without registering Cyenopyrafen Technical	393
29.	Prochloraz 24.4% + Tebuconazole 12.1% w/w EW for formulation import (without registering its technical)	393
30.	Pyridaben 20% WP	393
31.	Triticonazole 80 g/l + Pyraclostrobin 40 g/l FS w/w for formulation import without registering Triticonazole Technical	393
32.	import (new source) of Chlorothalonil Technical 96% min w/w	393

## Annexure III

**LIST OF PESTICIDES AND FORMULATIONS FOR ALREADY REGISTERED PESTICIDES APPROVED BY THE REGISTRATION COMMITTEE UNDER/SECTION 9(3) OF THE INSECTICIDES ACT, 1968 SINCE 54<sup>TH</sup> CIB MEETING.**

S.No.	Name of the Pesticide	Number RC
1.	Triazophos 20% WG	384
2.	Novaluron 5.25% + Emamectin Benzoate 0.9% w/w SC	386
3.	S-metolachlor 400 + Mesotrione 40 g/l SE	386
4.	Hexaconazole 4% + Carbendazim 16% w/w SC	386
5.	Tricyclazole 18% + Tebuconazole 14.4% w/w SC	386
6.	Azoxystrobin 7.1% + Propiconazole 11.9% w/w SE (FIM Vs FIT)	386
7.	Diafenthiuron 30% + Pyriproxyfen 8% SE	386
8.	Benalaxyl 8% + Mancozeb 65% WP	386
9.	Buprofezin 9% + Acephate 24% w/w WP	386
10.	Imidacloprid 6% + Lambda cyhalothrin 4% SL	386
11.	Diafenthiuron 47.8% w/w SC	386
12.	Benalaxyl Technical 92.00% w/w min. u	386
13.	Propanil Technical 97% w/w min. (TIM vs TIT)	387
14.	Deltamethrin 2% EW	387
15.	Azoxystrobin 4.8% + Chlorothalonil 40.0% w/w SC	387
16.	Metamitron Technical 98% min (w/w)(TIM)	387
17.	Metamitron 70% SC	387
18.	Mancozeb 15% + Copper Hydroxide 46% WG w/w	388
19.	Pyriproxyfen Sodium 6% w/w + Quizalofop Ethyle 4% w/w MEC	388
20.	Tebuconazole 38.39% w/w SC	388
21.	Penflufen 13.28% w/w + Trifloxystrobin 13.28% FS	388
22.	Zineb Technical (TIM vs TIT)	388
23.	Azoxystrobin 23% SC (FIM vs FIT)	389
24.	Cartap hydrochloride 4% + Fipronil 0.5% CG	389
25.	Acephate Technical 97% w/w min	390
26.	Gibberellic Technical 90% w/w min. (TI vs TIM)	390
27.	Quizalofop-ethyl 10% EC (FIM vs FIT)	392
28.	Thiamethoxam 30% FS.	392
29.	Chlorantraniliprole 4.3%+Abamectin 1.7% SC	392

30.	Chlorpyriphos 35% + Fipronil 3.5% EC w/w	392
31.	Fipronil 0.05% Gel	392
32.	Bifenthrin 3% + Chlorpyriphos 30% EC	393
33.	Thiamethoxam 0.9% + Fipronil 0.2% GR	393
34.	Buprofezin 23.1% + Fipronil 3.85% SC	393
35.	Fipronil 7% + Hexythiazox 2% w/w SC	393
36.	Quizalofop ethyl Technical 98% w/w	393
37.	Acetamiprid Technical 99% w/w min. (TI vs TIM)	393
38.	Thiophanate methyl 70% WG	393
39.	Myclobutanil Technical 95% w/w min. (TI vs TIM)	393

### Annexure-IV

#### LIST OF NEW & ALREADY REGISTERED Bio pesticides APPROVED BY THE REGISTRATION COMMITTEE UNDER/SECTION 9(3) OF THE INSECTICIDES ACT,1968 SINCE LAST CIB MEETING.

S.No.	Name of the Biopesticide	M/s	RC Number
1.	Trichoderma harzianum 1.0% WP	M/s Bharat Biocon Pvt. Ltd.,	393
2.	Trichoderma viride 1.0% WP	M/s Ruchi Oyster Mushroom	393
3.	Trichoderma viride 1.0% WP	M/s Bharat Biocon Pvt. Ltd.,	393
4.	Trichoderma viride 1.0% WP	M/s Institute of Plant Bio Technology	393
5.	Trichoderma viride 1.0% WP	M/s KCP Sugar and Industries Corporation Ltd,	393
6.	Beauveria bassiana 1.15% WP	M/s Bharat Biocon Pvt. Ltd.,	393
7.	Trichoderma harzianum 1.00% WP	M/s Kan Biosys Pvt. Ltd.,	392
8.	Verticillium lecanii 1.5% Liquid Formulation	M/s T. Stanes and Company Ltd.,	390
9.	Pseudomonas fluorescens 1.5% Liquid formulation	M/s T. Stanes and Company Ltd.,	389
10.	Trichoderma viride 1.0% WP	M/s SRT Agro Science Pvt. Ltd.	388
11.	Trichoderma viride 1.0% WP	M/s Relegare Agro Life Bio Science Pvt. Ltd.,	388
12.	Trichoderma viride 1.0% WP	M/s Suresh Organics Pvt. Ltd.,	388
13.	Verticillium lecanii 1.15% WP	M/s Maa Bhagwati Biotech & Chemicals	388
14.	Beauveria bassiana 1.5% Liquid Formulation	M/s T. Stanes and Company Ltd.,	388



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15.	Metarhizium anisopliae 1.5% Liquid Formulation	M/s T. Stanes and Company Ltd.,	388
16.	Pesudomonas fluorescens 1.0% WP	M/s Kan Biosys Pvt. Ltd.,	387
17.	Beauveria bassiana 1.15% WP	M/s Sai Agro Tech., Yavatmal	386
18.	Beauveria bassiana 1.15% WP	M/s Om Agro organics, Yavatmal	386
19.	Pseudomonas fluorescens 1.0% WP	M/s Rajshree Bio Solution LLP,	384
20.	Trichoderma viride 1.50% WP	M/s Rajshree Bio Solution LLP	384
21.	Trichoderma viride 1.50% WP	M/s NICO Orgo Manures, Gujarat	384
22.	Trichoderma harzianum 1.00% WP	M/s Bio-Control Laboratory, Department of Plant Pathology	384

**ANNEXURE -V****Name of the Molecules to be Include in the Schedule to the Insecticide Act, 1968**

S. No.	File .No.	Name of the Applicants (M/S)	Common Name	IUPAC/Chemical Abstract Name	CAS/CAS RN no.	Bio-efficacy	Toxicity	Status of Registration in other Countries	Decision
1.	3-7/2018-CIR-II	M/s Sigma-Aldrich Chemicals Pvt. Ltd. Bangalore	Sarmentine	(2E,4E)-1-pyrrolidin-1-yl) deca-2,4-dien-1-one	78910-33-5	Use as Herbicide.	Oral LD <sub>50</sub> Rat- >.mg/kg bw Acute dermal (rat): LD <sub>50</sub> >mg/kg bw Acute inhalation(rat): LC <sub>50</sub> > mg/L (no information) Skin irritation: causes skin, and respiratory irritation and serious eye irritations Mutagenicity: no data available.		Deferred, the Board decided to seek further toxicology information with respect to Oral LD <sub>50</sub> , Acute dermal (rat): LD <sub>50</sub> , Acute inhalation(rat ): LC <sub>50</sub> Skin, Acute eye irritation- Skin sensitizer Mutagenicity etc
2.	3121/Inclusion In Schedule	M/s Deccan Fine Chemicals (India)	Flumetsulam	CAS : N-(2,6-difluorophenyl)-5-methyl[1,2,4]tria	98967-40-9	Used as Herbicide.	Oral LD <sub>50</sub> Rat- >5000mg/kg bw Acute dermal (rabbit): LD <sub>50</sub> >2000 mg/kg bw	Argentina, Australia, Brazil , Bolivia,	Approved

		Private Limited,		zolo[1,5-a]pyrimidine-2-sulfonamide IUPAC : 2',6'-difluoro-5-methyl[1,2,4]triazolo[1,5-a]pyrimidine-2-sulfonanilide			Acute inhalation(rat): LC50 > 1.2 mg/L Skin irritation slight temporary eye irritation nonirritant to skin Mutagenicity: Negative	Canada, China.	
3.	3122/Inclusion InSchedule	M/s Deccan Fine Chemicals (India) Private Limited,	Cloransulam-methyl)	methyl 3-chloro-2-(5-ethoxy-7-fluoro[1,2,4]triazolo[1,5-c]pyrimidin-2-ylsulfonamido)benzoate;  methyl 3-chloro-N-(5-ethoxy-7-fluoro[1,2,4]triazolo[1,5-c]pyrimidine-2-ylsulfonyl)	147150-35-4	Trizolopyrimidine group used as Herbicide	Mammalian toxicity: Acute Oral LD50 - >5000mg/kg bw Acute dermal (rabbit): LD50>2000 mg/kg b.w. Acute inhalation(rat): LC50 > 3.77 mg/L Skin irritation: non irritant Skin sensitization: non sensitizer	Argentina, Bolivia ,Brazil ,Canada ,China and United States etc.	Approved .
4.	3120/Inclusion InSchedule	M/s Godrej Agrovet Limited	Pyrapropoyne	1H-pyrazole-4-carboxamide, N-[(2Z)-2-[3-chloro-5-(2-cyclopropylethynyl)-2-pyridinyl]-2-yl]-	180310-8-03-3	Used as Fungicide	Oral LD50 Rat->2000mg/kg bw Acute dermal (rat): LD50>2000 mg/kg bw in male and female rats Acute inhalation(rat): LC50 > 5.24mg/L (4 hrs)	Product under developmental stage in Japan and USA	Approved

				methylethoxy)imino]ethyl]-3-(difluoromethyl)-1-methyl-			Skin/eye irritation: (rabbit)- non- irritant, skin sensitizer: non sensitizer Mutagenicity: Negative		
5.	3118/Inclusion InSchedule	Syngenta India Limited, Delhi	Isocycloseram	4-[(5RS)-5-(3,5-dichloro-4-fluorophenyl)-4,5-dihydro-5-(trifluoromethyl)isoxazol-3-yl]-N-[(4RS)-2-ethyl-3-oxoisoxazolidin-4-yl]-o-toluamide	2061933-85-3	It is effective at controlling a wide range of insects pests	Oral LD50 Rat- >5000mg/kg bw Acute dermal (rat): LD50>5000 mg/kg bw Acute inhalation(rat): LC50 > 4.62 mg/l Skin irritation: rabbit-non irritant Acute eye irritation-Rabbit: minimal irritant.	Registered in Argentina, Bolivia, Paraguay	Approved
6.	3119/Inclusion InSchedule	HYDROPO NIC RESEARCH AND DEVELOPMENT CENTER	Dimethametryn	N-(1,2-dimethylpropyl)-N-ethyl-6-methylthio-1,3,5-triazine-2,4-diamine	22936-75-0	Triazine group used as of Herbicides	Oral LD50 Rat- >3000mg/kg bw Acute dermal (rat): LD50>2150 mg/kg bw Acute inhalation(rat): LC50 > 5.27mg/l Skin irritation: rabbit-non irritant Acute eye irritation-(Rabbit): slight irritant	--	Approved
7.	3112/Inclusion InSchedule	Isagro (Asia) Agrochemicals Pvt. Ltd.	Allyl isothiocyanate	1-propene-3-isothiocyanate	57-06-7	New Insecticide	Acute Oral LD50 Rat- 425.4 mg/kg bw Acute dermal (rat): LD50>200-2000 mg/kg bw	Registered in available US, EU, Turkey	Approved

							Acute inhalation(rat): LC50 0.206-0.508 mg/l(4h) Skin irritation: rabbit- Corrosive to skin Acute eye irritation- Rabbit: Corrosive to eyes. Skin sensitizer – moderate contact sensitizer Mutagenicity Non Mutagenic		
8.	3113/Inclusion InSchedule	M/s Synergia Sciences Private Limited	DIMEFLUTHR IN	[2,3,5,6- tetrafluoro-4- (methoxymethyl) phenyl]methyl 2,2- dimethyl-3- (2-methylprop-1- enyl)cyclopropa ne-1-carboxylate	271241- 14-6	Parathyroi d group of insecticide (House Hold )	Skin irritation: rabbit- no data available Acute eye irritation- Rabbit: no data available Skin sensitizer – no data available	Registered in China, Malaysia and Myanmar	Deferred, the Board decided to seek further toxicology information with respect to Oral LD <sub>50</sub> , Acute dermal (rat): LD <sub>50</sub> , Acute inhalation(rat ): LC <sub>50</sub> , Skin, Acute eye irritation- Skin sensitizer

									Mutagenicity etc
9.	3114/Inclusion InSchedule	M/s EXCLUSIVELY LOGISTICS INDIA PRIVATE LIMITED	Fenpropimorph	(±)-cis-4-[3-(4-tert-butylphenyl)-2-methylpropyl]-2,6-dimethylmorpholine	67564-91-4	Morpholine group used as Fungicide	Oral LD50 Rat- >2230 mg/kg bw Acute dermal (rat): LD50>4000 mg/kg bw Acute inhalation(rat): LC50 2.9 mg/l(4h) Skin irritation: skin irritant Eyes irritation: not irritant Skin sensitizer – no skin sensitizer Mutagenicity Non Mutagenic	--	Approved
10.	3115/Inclusion InSchedule	Bayer CropScience Limited	Thiencarbazon e-methyl	methyl 4-[(4,5-dihydro-3-methoxy-4-methyl-5-oxo-1H-1,2,4-triazol-1-yl)carbonyl=sulfamoyl]-5-methylthiophene-3-carboxylate	317815-83-1	Used as Herbicide	Acute oral LD50 rat- > 2000 mg/kg bw Acute dermal LD50 rat >2000mg/kg bw Acute inhalation(rat): LC50 2.018 mg/l(4h) Skin irritation: rabbit-no irritation Acute eye irritation-Rabbit: slight irritation. Skin sensitizer – non sensitizer	Registered in EU, United States, China and Canada	Approved
11.	3111/Inclusion InSchedule	HIMATLAL TRIBHOV ANDAS	oligomeric phosphonic acid	PHOSPHONIC ACID	13598-36-2	Fungicide	Acute oral LD50 2000 mg/kg)-Rat non skin irritant	None	Deferred. The Board decided to seek from

		SHAH AND CO					non irritant to eyes Rabbits ) non Skin sensitizer		the applicant to specify the number of Phosphonic acid (monomers) used for making the oligomeric phosphonic acid.
12.	3090/Inclusion InSchedule	M/S E. I. DuPont India Pvt. Ltd.	Fluazaindolizine	8-chloro-N-[(2-chloro-5-methoxyphenyl) sulfonyl]-6-(trifluoromethyl)imidazo [1,2-a]pyridine-2-carboxamide	125430 4-22-7	A new product for the control of plant parasitic nematodes	Irritation to mucous Membrane: Study in progress	Not Registered so far new product under development stage	Approved
13.	3110/Inclusion InSchedule	PUNJAB CHEMICALS & CROP PROTECTION LIMITED	Etobenzanid	2,3-dichloro-4-ethoxymethoxybenzanilide	79540-50-4	Used as Herbicide	Acute oral LD50 rat- > 5000 mg/kg bw Acute inhalation(rat): LC50 1503 mg/m <sup>3</sup> (4h) Skin irritation: slight irritant Acute eye irritation-slight irritant.	Registered in Japan	Approved
14.	3109/Inclusion InSchedule	P I Industries Ltd	Tebufenpyrad	N-(4-tert-butylbenzyl)-4-chloro-3-ethyl-1-	119168-77-3	Used as Acaricide	Acute oral LD50 male rat- > 595 mg/kg, female rat 997 mg/kg bw	Registered in EU, Thailand and Korea	Approved

				methylpyrazole-5- carboxamide			Acute dermal LD50 rat >2000mg/kg bw Acute inhalation(male rat): LC50 2.66 mg/l Skin irritation: rabbit-non irritant Acute eye irritation-Rabbit: non irritant Skin sensitizer – sensitizer to skin		
15.	3108/Inclusion InSchedule	MicroGO LLP	Chlorine Dioxide	Chlorine Dioxide	10049-04-4	Used for Post harvest treatment	Acute oral LD50 rat- > 39-113 mg/kg bw Acute over-exposure can cause bronchitis, pneumonia and pulmonary oedema. Local effects: Inhalation Inhalation causes irritation of the mucous membranes. Skin and eyes Chlorine dioxide aqueous solution is an eye and skin irritant. Long term toxicity: Chronic exposure may lead to lung damage and damage to the teeth.	Registered in USA, UK, India (drinking water), Europe,Australia	Approved
16.	3106/Inclusion InSchedule	IFFCO-MC CROP SCIENCE PRIVATE LIMITED	OXAZICLOMEF ONE	3-[1-(3,5-dichlorophenyl)-1-methylethyl]-3,4-dihydro-6-	153197-14-9	Used as Herbicide	Acute oral LD50 rat- > 5000 mg/kg bw Acute dermal LD50 rat >2000mg/kg bw	Registered in Japan	Approved



				methyl-5-phenyl-2H-1,3-oxazin-4-one			Acute inhalation(rat): LC50 5.5 mg/l Skin irritation: rabbit-non irritant Acute eye irritation- Rabbit: minimal Eye irritation. Skin sensitizer – non sensitizer		
17.	3104/Inclusion InSchedule	ELIXIR CROP SOLUTIONS PRIVATE LIMITED	Pongamia Pinnata	Extract of Plant (seeds and leaves) of Pongamia Pinnata	247588-54-1	Tested for its insecticidal property on the third instar larvae of Spodoptera litura	The rats treated with suspension Karanja seed churana (Pongamia pinnata powder) orally with dose of 1600mg/kg body weight daily for 20 days and observed for any toxicity. On 21st day, rats are sacrificed and blood samples and organs were sent to laboratory for various studies. The test drug did not produce significant toxic effect on the organs mentioned but mild to moderate pathological changes were observed in spleen and liver, but these changes are not severe. All the haematological	--	Deferred , the applicant may be asked to specify the marker for testing the quality of the product, Further one component Karanzin CAS No. 521-88-0= isolated from of the Pongamia Pinnata (extract of Pongamia Pinnata) has already been included in the Schedule

							parameters were non-significant except haemoglobin percentage which was highly significant in comparison to control group. It is proved that the test drug is safe for human use at this dose but should be administered cautiously in impaired liver functions.		to the Insecticide Act
18.	3105/Inclusion InSchedule	CHEMINO VA INDIA LIMITED	Bixlozone	2-(2,4-Dichlorobenzyl)-4,4-dimethylisoxazolidin-3-one	81777-95-9	Used as Herbicide	Acute oral LD50 >2000 mg/kg Acute dermal LD50 >2000 mg/kg Acute inhalation(rat): LC50 >2.11 mg/l Skin irritation: non irritant Acute eye irritation-non irritant. Skin sensitizer – non sensitizer	Not Registered so far, under preliminary stage of development	Approved
19.	3098/Inclusion InSchedule	M/s ATGC Biotech Pvt Ltd	Z11-16Ac Common Name (Z)-11-Hexadecenal (Chemical name)	(Z)-11-Hexadecenal	53939-28-9	Used as pheromone	-	-	Deferred as chemical name for both the products Z11-16Ac and Z11-

									HDAL is same therefore required further clarification
20.	3099/Inclusion InSchedule	M/s ATGC Biotech Pvt Ltd	Z11-HDALCommon Name  (Z)-11-Hexadecenal (Chemical name)	(Z)-11-Hexadecenal	53939-28-9	Used as pheromone	-	-	Deferred as chemical name for both the products Z11-16Ac and Z11-HDAL is same therefore required further clarification
21.	3100/Inclusion InSchedule	M/s ATGC Biotech Pvt Ltd	Z11-16OHCommon Name  (Z)-11-Hexadecen-1-ol (Chemical name)	(Z)-11-Hexadecen-1-ol	56683-54-6	Used as pheromone	-	-	Approved
22.	3101/Inclusion InSchedule	M/s ATGC Biotech Pvt Ltd	CYDIACommon Name  (E,E)-8, 10-Dodecadien-1-	(E,E)-8, 10-Dodecadien-1-ol	33956-49-9	Used as pheromone	-	Registered in USA and Europe	Approved

			ol (Chemical name )						
23.	3102/Inclusion InSchedule	M/s ATGC Biotech Pvt Ltd	Z9-14AC Common Name Z-9- TETRADECENYL ACETATE (Chemical name )	Z-9- TETRADECENYL ACETATE	16725-53-4	Used as pheromone	-	-	Approved
24.	3103/Inclusion InSchedule	M/s ATGC Biotech Pvt Ltd	Z7-12Ac Common Name Z-7 DODECENYL ACETATE (Chemical name )	Z-7 DODECENYL ACETATE	14959-86-5	Used as pheromone	-	-	Approved
25.	3093/Inclusion InSchedule	M/s ATGC Biotech Pvt Ltd	Z-9- HDAL Common Name (Z)-11- Hexadecenal (Chemical name )	(Z)-11- Hexadecenal	56219-04-6	Used as pheromone	-	-	Approved
26.	3094/Inclusion InSchedule	M/s ATGC Biotech Pvt Ltd	Z-11- HDAL Common Name (Z)-11- Hexadecenal	(Z)-11- Hexadecenal	53939-28-9	Used as pheromone	-	-	Approved

			(Chemical name)						
27.	3095/Inclusion InSchedule	M/s ATGC Biotech Pvt Ltd	E-11-HDL Common Name  (E)-11-Hexadecen-1-ol (Chemical name)	(E)-11-Hexadecen-1-ol	61301-56-2	Used as pheromone	-	-	Approved
28.	3096/Inclusion InSchedule	M/s ATGC Biotech Pvt Ltd	E-11-HAD Common Name  (E)-11-Hexadecenyl acetate (Chemical name)	(E)-11-Hexadecenyl acetate	56218-72-5	Used as pheromone			Approved
29.	3091/Inclusion InSchedule	M/s ATGC Biotech Pvt Ltd	CLM (Z, Z, E)-7,11,13-Hexadecatrienal	(Z, Z, E)-7,11,13-Hexadecatrienal	888042-38-4	Used as pheromone		Registered in USA	Approved
30.	3092/Inclusion InSchedule	M/s ATGC Biotech Pvt Ltd	TDTA (3E, 8Z, 11Z)-3,8,11-tetradecatrien-1-yl acetate	3,8,11-tetradecatrien-1-yl acetate	163041-94-9	Used as pheromone		Registered in USA	Approved
31.	3084/Inclusion InSchedule	M/s Contec Critical	PeridoxRTU	Hydrogen Peroxide	7722-84-1	registered disinfectant	Acute oral LD50 rat- > 5000 mg/kg bw	Registered in United States	Not approved for inclusion in the

		Solution Pvt. Ltd.	Composition / Information on Ingredients Hydrogen Peroxide 4.0-4.8% Peracetic Acid 0.17-0.29% Water Balance			nt and cleaner is ideal for use in pharmaceutical, biopharmaceutical and medical device facilities	Acute dermal LD50 rat <5000mg/kg bw Acute inhalation(rat): LC50 2.21 mg/l Skin irritation: rabbit- Corrosive to skin Acute eye irritation- Rabbit: Serious eye damage Eye irritation.		Schedule to the Insecticides Act as the product is mostly used as disinfectant and cleaner in pharmaceutical, biopharmaceutical and medical devices. Therefore, Board decided that product shall be regulated under the Drug and Cosmetics Act.
32.	3085/Inclusion InSchedule	M/s Contec Critical Solution Pvt. Ltd.	Sterile Contec IPA  Chemical Composition: 70% IPA and 30% Water	Isopropyl alcohol	67-63-0	Used as Disinfectant	Skin irritation: rabbit- Corrosive to skin Acute eye irritation- Rabbit: Serious eye damage Eye irritation	Registered in United Kingdom	Not approved for inclusion in the Schedule to the Insecticides Act as the

									product is mostly used as disinfectant and cleaner in pharmaceutical, biopharmaceutical and medical devices. Therefore, Board decided that product shall be regulated under the Drug and Cosmetics Act.
33.	3123/Inclusion InSchedule	Dow AgroSciences India (P) Ltd	florylpicoxamid	1S)-2,2-bis(4-fluorophenyl)-1-methylethyl N-{[3-(acetyloxy)-4-methoxy-2-pyridyl]carbonyl}-L-alaninate	1961312-55-9	Used as broad-spectrum fungicide,	Acute oral LD50 rat- > 5000 mg/kg, bw Acute dermal LD50 rat >2000mg/kg bw Acute inhalation(male rat): LC50 5.48 mg/l Skin irritation: rabbit-non irritant Acute eye irritation-Rabbit: non irritant	New molecules, under data generation with 1 <sup>st</sup> regulatory and submission will be done in New	Approved

								Zealand in 2019.	
34.	3- /2017CIR-11	M/Shukla Ashar Impex Pvt. Ltd. Rajkot	Long Chain Alkyl poly glucoside (C8-C16) ,Agro Clean Charger/ AGNIQUE PG	alkyl glucoside Typical formula $C_{16}H_{32}O_6$ (coconut oil based )	CAS RN N/A	Insecticide	Skin Contact –non irritant Ingestion- Non toxic Inhalation – Not applicable	As per the literature submitted by the applicant AGNIQUE PG which has EPA approval states that AGNIQUE PG surfactant were reassessed in May 2006 and granted exemption from tolerance when used as <b>pesticide inert ingredients</b> for application pre and Post harvest	Deferred further toxicology information Acute oral LD50, Acute dermal LD50 , Acute inhalation(male rat): ,etc. required. The evidence further provided by the applicant specifically the patent No. 4888,325 dated December 19, 1989 is very old .The product has been assessed in 2006 and considered as <b>pesticide inert</b>



								<p>(40CFR180.910).          Further the Chemical composition s/ recipe of the product agro clean submitted by the applicant contains component Lemon Grass oil / Extract of Cybopogan Species and Mint oil / Spearmint oil containing- L-carvon Limonin and pines spearmint Extract are already in the Schedule to the</p>	<p><b>ingredients</b> therefore, the Board decided to seek further fresh evidence with international published information whether the product PAG has any Insecticidal property.</p>
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								Insecticides Act.1968.	
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**Annexure-VI****List of new Packing approved by RC from 01.01.2018 to 31.10.2018**

<b>A. New Packing for New Formulation:</b>			
<b>RC No.</b>	<b>Name of Company</b>	<b>Name of the Product</b>	<b>Type of Packing</b>
384	M/s Syngenta India Ltd.,	Metalaxyl M 31.8% ES	Endorsement of bulk packing in HDPE lined MS drum of capacity 200 liter .
385	Bayer Crop Science Ltd., Mumbai	Oxadiazyl 6% EC	Endorsement for primary packing in HDPE coextruded container of capacity 50 ml, 100 ml, 250 ml, 500 ml, 1 liter as primary packing .
385	M/s Syngenta India Ltd.,	Metalaxyl M 3.3 % + Chlorothalonil 33.1% SC	Endorsement of bulk packing of 200 liter in HDPE drum of bulk transport.
385	M/s UPL Ltd.	Aluminium phosphide 56%	Endorsement for alternate secondary packing in 3.4 kg and 204 g capacity of aluminium foil pouch and mild steel drum of 13.6 kg and 14.28 kg a transport packing.
390	M/s Sulphur Mills Pvt. Ltd.,	Sulphur 80% WG	Endorsement of alternate packing in bi-laminated pouch (LDPE 125 micron + PET 12 micron) of capacity 3 kg as primary packing and HDPE woven bag of 30 kg capacity as per IS 8069 (Pt-2) 1989 as transport packing.
390	M/s Godrej Agrovet Ltd.,	Bispyribac sodium 10% w/v SC	Endorsement of alternate packaging of 200 liter HDPE-XL Ring Drum as per IS : 6312-1994 for bulk packing 200 liter for bulk packing.
392	M/s Sulphur Mills Pvt Ltd .	Imidacloprid 70% WG	Endorsement for new packing of 5 gm in trilaminated pouch.
393	M/s UPL Ltd.,	Clodinafop propargyl 15% + Metsulfuron methyl 1% WP	Endorsement of alternate packing of Surfactant in 500 ml capacity Bi-laminated pouch.
393	M/s UPL Ltd.,	Sulfosulfuron 75% + Metsulfuron methyl 5% WG.	Endorsement of alternate packing of surfactant in 500 ml capacity Bi-laminated pouch.
393	M/s UPL Ltd.,	Metribuzin 42% + Clodinafop propargyl 12% WG.	Endorsement of alternate packing of surfactant in 500 ml capacity Bi-laminated pouch.

**B. List of Additional Packing for Approved Pesticides:**

<b>RC No.</b>	<b>Name of Company</b>	<b>Name of the Product</b>	<b>Type of Packing</b>
384	M/s Sumitomo Chemical India Pvt. Ltd.,	Pyriproxyfen Technical 90% w/w min	Endorsement of additional packing of 200 kg in mild steel drum.

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384	M/s Sumitomo Chemical India Pvt. Ltd.,	Clothianidin 50% WDG	Endorsement for additional packing of 40 kg in fiber drums for bulk transportation.
385	M/s Godrej Consumers Products Ltd.,	Imiprothrin 0.05% + Cypermethrin 1% W/w CL	Endorsement for additional packing of 12 bottles in poly pouch packed in carton 12 numbers of cartons will be further packed in CFB boxes.
385	M/s Syngenta India Ltd., Pune	Mandipropamid 23.4% WC	Endorsement for additional bulk packing in HDPE drums 200 liter.
385	M/s Syngenta India Ltd.,	Azoxystrobin 23% SC	Endorsement for additional packing in HDPE drums 200 liters.
385	M/s Crystal Crop Protection Pvt. Ltd.,	Fenobucarb 20% + Buprofezin 5% SE	Endorsement of additional packing in HDPE bottles of capacity 2 liters and 5 liters .
385	M/s Dhanuka Agritech Ltd.,	Azoxystrobin 23% SC	Endorsement of additional packing in HDPE container of capacity 200 ml as primary pack.
385	M/s S.C. Johnson Products Pvt. Ltd.,	Transfluthrin 0.88% LV	additional packing of paper board pack with further packing in transport pack
390	M/s Rallis India Ltd.,	Pendimethalin Technical (90% min. w/w).	Endorsement of additional packing in LDPE liner of capacity 25 kg as primary pack having thickness not less than 100 micron which shall be further packed in multi walled paper bag laminated from inside with HDPE woven fabric of 25 kg capacity as transport packing.
390	M/s Apex Health Care Products.	0.1% D-trans allethrin mosquito coil	Endorsement for additional secondary packing in 5 set of primary pack in HDPE of thickness not less than 30 micron (one primary pack has 5 set of coil including one coil stand) in one secondary pack of eflute board 12 such secondary packs shall be further packed in transport pack of capacity 15 kg max which shall conform to IS 2771 (Part-I)1990.
390	M/s Aero Industries	Imiprothrin 0.07% + Cypermethrin 0.2% w/w aerosol.	Endorsement of alternate packing of capacity 125ml, 200ml, 320ml, 400ml and 625 ml pack size hermetically sealed monoblock seamless aluminum or tin container which shall be further packed in CFB boxes of capacity max 20 kg.
390	M/s Aero Industries	0.25% D trans allethrin aerosol.	Endorsement of alternate packing of capacity 125ml, 200ml, 320ml, 400ml and 625 ml pack size hermitically sealed monoblock seamless aluminium or tin container which shall be further packed in CFB boxes as per IS 2771 (Part-I) 1990 of capacity max 20 kgs
390	M/s BASF India Ltd.,	Pendimethalin 30% EC	Endorsement of additional packing of Co-extruded plastic container (HDPE) of capacity 2 litre.
390	M/s Krishi Rasayan Exports Pvt. Ltd.,	Dimethomorph 12% + Praclostrobin 6.7% WG.	Endorsement for additional packing in HDPE container of capacity 100 gm confirming to IS 9754-1981 which will be further packed in 5 ply CFB boxes of 4 kg capacity.

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390	M/s S. C. Johnson Products Pvt. Ltd.,	Transfluthrin 0.88% LV.	Endorsement for alternate packaging for secondary packing having 45 ml refill with heater in 50 micron (12 PET/3 adhesive/35 LDPE) pouch which shall be further packed in transport pack CFB boxes of capacity 120 numbers of secondary packs as per IS (Pt-I)
390	M/s Shree Jee Pesticides	Glyphosate 41% SL	Endorsement of additional packing in 5 liter PET.
390	M/s Anu Products	Deltamethrin 2.8% EC.	Endorsement of PET and Aluminium container of capacity 100 ml, 250 ml, 500 ml, 1 liter and 5 liter.
390	M/s UPL	Propineb Technical.	Endorsement for additional packing in transport packing in Polypropylene (PP) (attached with FIBC bag) (Jumbo bag) of capacity 350 kg.
390	M/s Syngenta India Ltd.,	Thiamethoxam 1.0% w/w + Chlorantraniliprole 0.5% w/w GR.	Endorsement of additional packing in bi-laminated bag (PET/LDPE) in 1 kg, 2.5 kg and 5 kg.
390	M/s UPL Ltd.,	Carbendazim 50% WP.	Endorsement for alternate packing of 100 g, 250 g, 250 g and 1 kg trilaminated non-gussetted centre scaled pouch (LDPE 75 micron)/METPET (12 micron)/PET(12 micron) as primary packing.
390	M/s Rallis India Ltd.,	Kresoxim methyl 44.3% w/w (500 g/l) (SC).	Endorsement for additional packing in 15 ml & 50 ml in HDPE containers.
390	M/s UPL Ltd.,	Metribuzin Technical.	Endorsement for additional packing in LDPE liner attached with HDPE woven sack of capacity 25 kg as primary pack and 500 kg FIBC (Flexible Intermediate Bulk Containers) (Jumbo Bag) as transport packing.
392	M/s Sumitomo Chemicals India Pvt. Ltd.,	Validamycin Technical	Endorsement of additional packing for import of Validamycin Technical in LDPE liner of thickness 300 gauge which shall be further packed in fiber board drum of capacity 40 kg as transport packing
392	M/s S. C. Johnson product Pvt. Ltd.,	Transfluthrin 1.6% LV.	Endorsement for additional packing of two primary pack refill in one monocarton and 120 such secondary pack will be further packed in 5 ply CFB boxes as per IS 2771 (Pt-I) 1990 as transport pack.
392	M/s Arysta Life Science	Cartap hydrochloride 4% GR	Endorsement of additional packing of Cartap hydrochloride 4% GR in 1 Kg capacity in LDPE liner having thickness 0.062 mm inserted in HDPE woven sacks conforming to IS 8069 : 1988.
392	M/s Krishi Rasayan Exports Pvt. Ltd.,	Dimethomorph 12% + Pyraclostrobin 6.7% WG.	Endorsement for additional re-packing in HDPE container of capacity 100 gm confirming to IS : 9754 : 1981 which will be further packed in 5 ply CFB boxes of 4 kg capacity (100 gm x 40 nos.)

**Annexure VII****List of Label Expansion of registered formulations along with waiting period**

<b>Sl. No.</b>	<b>R.C. No.</b>	<b>File No.</b>	<b>Company Name</b>	<b>Product Name</b>	<b>Crop</b>	<b>Waiting Period (Days)</b>
1.	385	17-473/2014-CIR-II	M/s. Rallis India Ltd.	Buprofezin 70% DG	Cotton	20
2.	385	17-546/2015-CIR-II	M/s. Syngenta India Ltd.	Lambda Cyhalothrin 4.9% CS	Cardamom	34
3.	385	17-187/2016-CIR-II	M/s. ADAMA India Pvt. Ltd.	Buprofezin 15% + Acephate 35% WP	Okra, Cotton	7 -
4.	387	17-493/2016-CIR-II	M/s. Rallis India Ltd.	Buprofezin 70% DG	Rice	24
5.	387	17-656/2015-CIR-II	M/s. Bayer Crop Science Ltd.	Imidacloprid 48% FS	Potato	-
6.	387	17-472/2016-CIR-II	M/s. UPL Ltd.	Acephate 50% + Imidacloprid 1.8% SP	Rice	-
7.	388	17-632/2014-CIR-II	M/s. Sumitomo Chemicals India Pvt. Ltd.	Pyriproxyfen 0.5% GR	Household	-
8.	388	17-680/2015-CIR-II	M/s. Bayer Crop Science	Imidacloprid 70% WG	Tomato	-
9.	389	17-24/2016-CIR-II	M/s. Rallis India Pvt. Ltd.	Flubendiamide 20% WG	Soybean, Groundnut, Black Gram, Bengal	29 31 23 15
10.	389	17-639/2016-CIR-II	M/s. Rallis India Pvt. Ltd.	Flubendiamide 20% WG	Sugarcane	204
11.	389	17-54/2017-CIR-II	M/s. Parijat Industries India Pvt. Ltd.	Pyriproxyfen 10% w/w EC	Okra, Brinjal	7 7
12.	389	17-37/2017-CIR-II	M/s. FMC India Pvt. Ltd.	Carbosulfan 25% EC	Cotton, Brinjal	70 -

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13.	393	17-337/2016-CIR-II	M/s. ADAMA India Pvt. Ltd.	Novaluron 5.25% + Indoxacarb 4.5% SC	Soybean, Pigeon Pea, Chilli, Black gram, Rice	14 25 7 14 40
14.	393	7984-END/2017-CIR-II	M/s. ADAMA India Pvt. Ltd.	Novaluron 5.25% + Indoxacarb 4.5% w/w SC	Groundnut	34
15.	393	17-710/2016-CIR-II	M/s. Crystal Crop Protection Pvt. Ltd.	Emamectin Benzoate 1.9% EC	Paddy, Soybean	48 20
16.	393	17-492/2016-CIR-II	M/s Rallis India Limited.	Fenpyroximate 5% EC	Cotton	15
17.	394	7849-END/2017-CIR-II	M/s Syngenta India Ltd.	Chlorantraniliprole 9.3% + Lambda cyhalothrin 4.6% w/w ZC	Soybean	41
18.	394	17-633/2014-CIR-II	M/s Rallis India Limited	Acephate 95% SG	Cotton, Chilli	18 7
19.	394	17-121/2016-CIR-II	M/s Crystal Crop Protection Pvt. Ltd.	Emamectin Benzoate 1.9% EC	Chickpea, Chilli	14 3
20.	394	17-307/2016-CIR-II	M/s Rallis India Limited	Ethion 40% + Cypermethrin 5% w/w EC	Chilli	10

**List of Label Expansion of registered formulations along with waiting Period**

Sl.No	R.C.No	File No.	Company Name	Product Name	Crop	Waiting period (Days)
1	384	17-704/2016-CIR-II	M/s Indofil Industries Ltd	Hexaconazole 4 % + Zineb 68 % WP	Apple	30
2	386	7852-END/2017-CIR-II	M/s BASF India Ltd	Fluxapyroxd 250 g/L + Pyraclostrobin 250 g/l SC	Chilli	7
					Tomato	10
3	386	17-108/2016-CIR-II	M/s Syngenta Pvt Ltd	Metalaxyl M 4 % + Mancozeb 64 % WP	Pomaganrate	5
4	387	17-585/2015-CIR-II	M/s Bayer crop science Ltd	Propineb 70 % WP	Cotton	27
5	387	17-273/2017-CIR-II	M/s Bayer crop science Ltd	Trifloxystrobin 25 % + Tebuconazole 50 % WG	Tea	7
6	387	17-7659-END/2017-CIR-II	M/s BASF India Ltd	Fluxapyroxd 250 g/L + Pyraclostrobin 250 g/l SC	Mango	38
7	387	17-7850-END/2017-CIR-II	M/s Adama India Pvt Ltd	Azoxystrobin 11 % + Tebuconazole 18.3 % SC	Apple	10

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8	387	17-420/2016-CIR-II	M/s Bayer crop science Ltd	Tebuconazole 50 % + Trifloxystrobin 25 % WG	Black gram	19
9	387	7503-END/2017-CIR-II	M/s Bayer crop science Ltd	Fluopyram 17.7 % w/w + Tebuconazole 17.7 % SC	Onion	30
10	387	17-223/2016-CIR-II	M/s Rallis India Ltd	Hexaconazole 75 % WG	Groundnut	31
					Chilli	7
11	388	17-708/2016-CIR-II	M/s Dhanuka Agritech Ltd.	Kasugamycin 5% + copper oxychloride 45%WP	Grapes	37
12	388	17-637/2016-CIR-II	M/s BASF India Ltd	Metrafenone 500g/l SC	Apple	42
					Mango	35
13	388	17-751/2016-CIR-II	M/s BASF India Ltd	Boscalid 25.2% WG +Pyraclostrobin 12.8%	Chilli	10
					Apple	41
14	388	17-703/2016-CIR-II	M/s BASF India Ltd	Fluxapyroxad 333 g/l FS	soybean	Seed Dresser
					cotton	Seed Dresser
15	389	8053-END/2017-CIR-II	M/s Adama India Pvt Ltd	Tebuconazole 5.4% w/w FS	Chickpea	Seed Dresser
					Groundnut	Seed Dresser
16	389	7807-END/2017-CIR-II	M/s BASF India Ltd	Metrafenone 500g/l SC	Cucumber	7
17	392	8284-END/2017-CIR-II	M/s UPL Ltd	Carbendazim 12% + Mancozeb 63% WP	Maize	37
					Apple	20
18	393	8346-END/2017-CIR-II	M/s Bayer crop science Ltd	Fluopyram 17.7%w/w + Tebuconazole 17.7 % SC	Rice	22
19	393	8867-END/2017-CIR-II	M/s BASF India Ltd	Metiram 70% WG	Potato	17
20	393	8869-END/2017-CIR-II	M/s BASF India Ltd	Metiram 70% WG	Grapes	7

**List of Label Expansion of registered Pesticide Formulations along with Waiting Period**

Sl. No	RC. No.	File No.	Company Name	Product Name	Crop	Waiting Period/PHI (Days)
1	390	17-39/9(3)/2016-CIR-II	BASF India Ltd	Imazamox 35% +Imazethapyr 35% WG	Cluster bean and Red gram	Cluster bean- 64 & Red gram- 125
2	393	17-641/2015-CIR-II	Syngenta India Ltd	Triasulfuron 20% WG	Tea	Tea- 7
3	393	17-397/2015-CIR-II	Adama India Pvt Ltd	Propaquizafop 10% EC	Jute, Cotton & Ground nut	Jute-87, Cotton-104 & Ground nut-97