



**JDR Insecticides
Consulting Pvt. Ltd.**

VOL.8/ April/ 2026

आकलन

The Newsletter

471 RC MEETING



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INDEX

Table of Content

01

Chemical Cases under
9(3) TI, TIM, FI, FIM

1-2

02

Chemical Cases under
9(3) Biopesticides

3-6

03

Chemical Cases
under 9(4) TIM

7-8

04

Chemical Cases under
9(4) FIM

9-10

Chemical Cases under 9(3) TI, TIM, FI, FIM

The 9(3) Chemicals segment reflects focus on combination formulations targeting multiple pests and diseases across key crops, particularly rice and other major commodities. Approvals are driven by broad-spectrum efficacy and resistance management strategies, while a few cases faced deferral due to data or toxicity concerns, indicating stringent regulatory evaluation.

S.No	Product Name	Company Name	Target Crop	Target Pest/Disease	Category
1	Azoxystrobin 6% + Isoprothiolane 18% + Tebuconazole 6% EC	Atul Ltd.	Rice	Sheath blight, Blast, False smut, Grain discoloration	FIM
2	Bispyribac sodium 5% + Pyrithiobac sodium 12.5% SC	Godrej Agrovet Ltd.	Rice (Direct seeded)	Weeds (Echinochloa, Digitaria, Ludwigia, etc.)	FIM
3	Carfentrazone- ethyl Technical 90%	Crystal Crop Protection Ltd.	-	-	TIM vs TI Deferred (presentation required)
4	Chlorantraniliprol e 0.6% + Thiamethoxam 1.25% + Fipronil 1.25% GR	Crystal Crop Protection Ltd.	Rice	Stem borer, Leaf folder	FIM
5	Chlorantraniliprol e Technical 95.3%	Bharat Rasayan Ltd.	-	-	TIM vs TI
6	Chlorfluazuron Technical 95%	UPL Ltd.	-	-	TIM vs FIM

7	Fipronil 0.05% Gel	Rallis India Ltd.	Household use	German cockroach, American cockroach	FIM vs FI
8	Fluxametamide Technical 93.5%	Best Crop Science Pvt. Ltd.	-	-	TIM vs TI
9	Fluxapyroxad Technical 98%	Ichiban Crop Science Ltd.	-	-	TIM vs TI
10	Mancozeb 10.16% + Thiophanate Methyl 10.16% + Thiamethoxam 20.32% FS	Indofil Industries Ltd.	Groundnut, Soybean	Aphids, Thrips, White grub, Stem fly, Whitefly	FIM
11	Picoxystrobin 10% + Copper Oxychloride 35% WG	Crystal Crop Protection Ltd.	Not specified	Not specified	FIM Deferred (toxicity concern)
12	Prochloraz Technical 97%	Ichiban Crop Science Ltd.	-	-	TIM vs TI
13	Pyriofenone 18% SC	ISK Biosciences India Pvt. Ltd.	Not specified	Not specified	FIM vs FI
14	Pyriofenone Technical 96.5%	ISK Biosciences India Pvt. Ltd.	-	-	TIM vs FI
15	Sulphur 50% + Azoxystrobin 6.3% + Cyazofamid 4% SC	SML Ltd.	Grapes, Potato	Downy mildew, Late blight	FIM

Biopesticides cases 9(3)

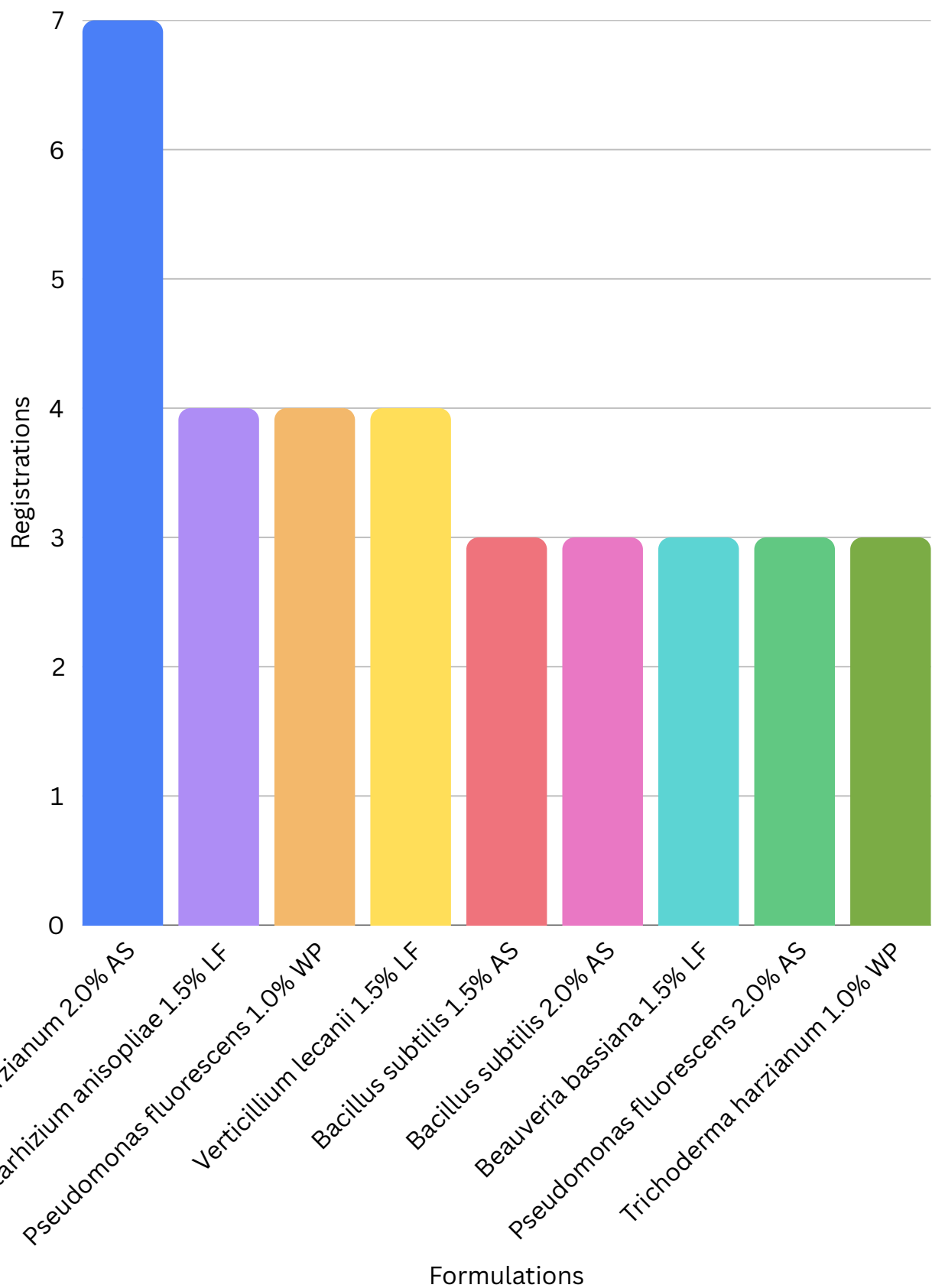
The 9(3) biopesticides segment shows shift towards microbial-based crop protection, with dominant products such as Trichoderma, Beauveria, Pseudomonas, and Metarhizium. Multiple registrations of similar formulations across companies indicate growing demand, increased adoption, and rising competition in the sustainable agriculture space.

S.No	Product Name	Company Name
1	Bacillus subtilis 1.5% AS	Agriya Agro Tech
2	Bacillus subtilis 1.5% AS	Ashwamedh Agritech & Farm Solution Systems
3	Bacillus subtilis 1.5% AS	ATGC Biotech Pvt. Ltd.
4	Bacillus subtilis 1.5% LF	Hygenus Bioceutical Pvt. Ltd.
5	Bacillus subtilis 1.5% LF	ATGC Biotech Pvt. Ltd.
6	Bacillus subtilis 2.0% AS	Allwin Industries
7	Bacillus subtilis 2.0% AS	Amar Bio Tech
8	Bacillus subtilis 2.0% AS	Jay Research & Biotech India Pvt. Ltd.
9	Bacillus thuringiensis var. kurstaki 0.5% WP	Nanobee Bioinnovations Pvt. Ltd.
10	Bacillus thuringiensis var. kurstaki 0.5% WP	ATGC Biotech Pvt. Ltd.
11	Beauveria bassiana 1.15% WP	Nanogen Agrochem Pvt. Ltd.
12	Beauveria bassiana 1.5% LF	Microplex (India)
13	Beauveria bassiana 1.5% LF	Avadh Sugar & Energy Ltd.
14	Beauveria bassiana 1.5% LF	ATGC Biotech Pvt. Ltd.
15	Metarhizium anisopliae 1.0% WP	Agri Search India Pvt. Ltd.
16	Metarhizium anisopliae 1.5% AS	Nanogen Agrochem Pvt. Ltd.

17	Metarhizium anisopliae 1.5% AS	Ashwamedh Agritech & Farm Solution Systems
18	Metarhizium anisopliae 1.5% LF	Microplex (India)
19	Metarhizium anisopliae 1.5% LF	Khedut Beej Nigam
20	Metarhizium anisopliae 1.5% LF	ATGC Biotech Pvt. Ltd.
21	Metarhizium anisopliae 1.5% LF	Hygenus Bioceutical Pvt. Ltd.
22	Paecilomyces lilacinus 1.5% LF	Agroxa Bio Innovations LLP
23	Pseudomonas fluorescens 1.0% WP	Varsha Agro Industries
24	Pseudomonas fluorescens 1.0% WP	Dscign Biosys Pvt. Ltd.
25	Pseudomonas fluorescens 1.0% WP	Agri Search India Pvt. Ltd.
26	Pseudomonas fluorescens 1.0% WP	Pushpanjali Agri Input Technologies
27	Pseudomonas fluorescens 1.5% AS	Ashwamedh Agritech & Farm Solution Systems
28	Pseudomonas fluorescens 2.0% AS	Total Agri Care Concern Pvt. Ltd.
29	Pseudomonas fluorescens 2.0% AS	Universal Crop Care Pvt. Ltd.
30	Pseudomonas fluorescens 2.0% AS	Crop Health Biotech
31	Trichoderma harzianum 1.0% WP	Agroxa Bio Innovations LLP
32	Trichoderma harzianum 1.0% WP	CropG1 Agro Research & Development Pvt. Ltd. (<i>Rejected earlier</i>)
33	Trichoderma harzianum 1.0% WP	Agri Search India Pvt. Ltd.
34	Trichoderma harzianum 1.5% AS	Ashwamedh Agritech & Farm Solution Systems
35	Trichoderma harzianum 2.0% AS	Netsurf Biotech Pvt. Ltd.
36	Trichoderma harzianum 2.0% AS	Nanogen Agrochem Pvt. Ltd.
37	Trichoderma harzianum 2.0% AS	Khedut Beej Nigam
38	Trichoderma harzianum 2.0% AS	Amar Bio Tech
39	Trichoderma harzianum 2.0% AS	Allwin Industries

40	Trichoderma harzianum 2.0% AS	Netsurf Biotech Pvt. Ltd.
41	Trichoderma harzianum 2.0% AS	ATGC Biotech Pvt. Ltd.
42	Trichoderma viride 1.0% WP	Tagore Society for Rural Development
43	Trichoderma viride 1.5% AS	Ashwamedh Agritech & Farm Solution Systems
44	Trichoderma viride 1.5% LF	Microplex (India)
45	Trichoderma viride 1.5% LF	Trinity Agrotech & Phytochemicals Pvt. Ltd.
46	Trichoderma viride 1.5% LF	ATGC Biotech Pvt. Ltd.
47	Trichoderma viride 1.5% WP	Nabadurga Pesticides Pvt. Ltd.
48	Verticillium chlamydosporium 1.0% WP	Rinati Crop Protection Pvt. Ltd.
49	Verticillium lecanii 1.5% LF	Tagore Society for Rural Development
50	Verticillium lecanii 1.5% LF	Microplex (India)
51	Verticillium lecanii 1.5% LF	Allwin Industries
52	Verticillium lecanii 1.5% LF	ATGC Biotech Pvt. Ltd.

Top 10 Most Registered 9(3) Biopesticides



Chemical Cases under 9(4) TIM

The 9(4) TIM segment highlights steady growth in indigenous technical manufacturing, with multiple companies registering key molecules across fungicides, herbicides, and insecticides. Repeated approvals of the same technicals indicate increasing domestic capacity and rising generic competition in the technical segment.

S.No	Product Name	Company Name
1	2,4-D Sodium Salt Technical 94.5%	MG Organics Pvt. Ltd.
2	Azoxystrobin Technical 95%	HPM Chemicals & Fertilizers Ltd.
3	Bispyribac Sodium Technical 95%	United Chemicals
4	Bixlozone Technical 96%	Best Crop Science Pvt. Ltd.
5	Chlorantraniliprole Technical 93%	Crop Growth (India) Pvt. Ltd.
6	Chlorantraniliprole Technical 93%	Naga Agrimate Pvt. Ltd.
7	Chlorpyrifos Technical 94%	MG Organics Pvt. Ltd.
8	Clomazone Technical 90%	Dharmaj Crop Guard Ltd.
9	Clomazone Technical 90%	Indus Finechem LLP
10	Cypermethrin Technical 92%	Nova Agritech Ltd.
11	Cyproconazole Technical 95%	Krishi Rasayan Exports Pvt. Ltd.
12	Dicamba Technical 97%	Ichiban Crop Science Ltd.
13	Dimethomorph Technical 95.5%	Indogulf Crop Sciences Ltd.
14	Dodine Technical 98%	Ichiban Crop Science Ltd.
15	Epoxiconazole Technical 97%	Krishi Rasayan Exports Pvt. Ltd.
16	Fenpropathrin Technical 90%	Ichiban Crop Science Ltd.
17	Fipronil Technical 92%	Indus Finechem LLP
18	Fipronil Technical 92%	Sambharya Agro India Pvt. Ltd.
19	Flubendiamide Technical 95%	Indogulf Crop Sciences Ltd.
20	Glufosinate Ammonium Technical	HPM Chemicals & Fertilizers Ltd.

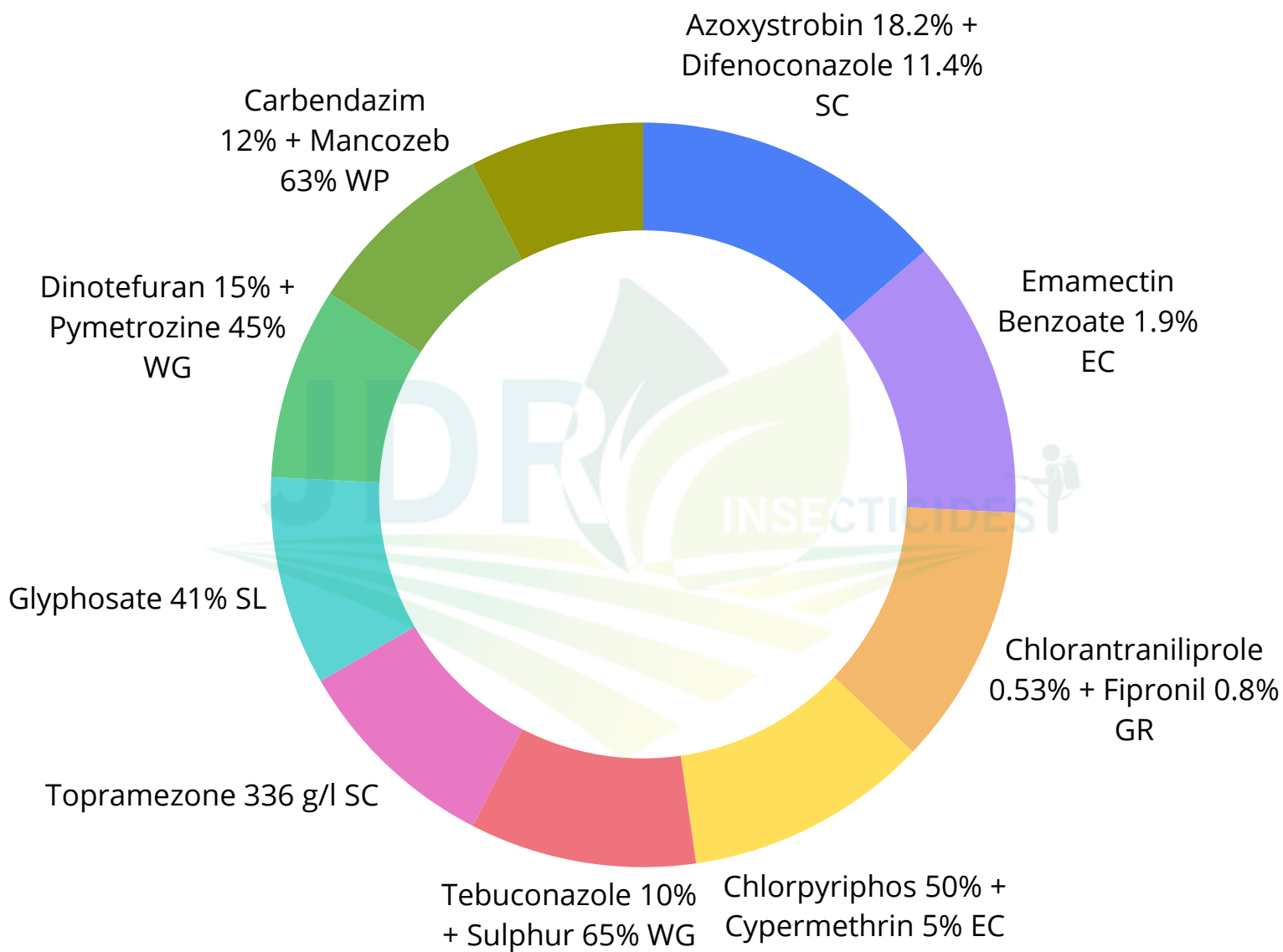
21	Hexaconazole Technical 92%	Agro Life Science Corporation
22	Lufenuron Technical 96%	Krishi Rasayan Exports Pvt. Ltd.
23	Metalaxyl Technical 90%	Krishi Rasayan Exports Pvt. Ltd.
24	Oxadiargyl Technical 96%	Mahamaya Lifesciences Pvt. Ltd.
25	Oxadiazon Technical 98%	Ichiban Crop Science Ltd.
26	Paclobutrazol Technical 95%	Sambharya Agro India Pvt. Ltd.
27	Pendimethalin Technical 90%	Nova Agritech Ltd.
28	Pendimethalin Technical 90%	Agastya Agro Ltd.
29	Propanil Technical 97%	Agrico Organics Ltd.
30	Pymetrozine Technical 98%	Sambharya Agro India Pvt. Ltd.
31	Pyriethion Sodium Technical 90%	Willowood Industries Pvt. Ltd.
32	Pyroxasulfone Technical 98.2%	Agrico Organics Ltd.
33	Pyroxasulfone Technical 98.2%	Willowood Industries Pvt. Ltd.
34	Sulfentrazone Technical 95%	Crystal Crop Protection Ltd.
35	Tebuconazole Technical 95%	Advance Agro Ltd.
36	Tembotrione Technical 94%	Crop Growth (India) Pvt. Ltd.
37	Thifluzamide Technical 96%	HPM Chemicals & Fertilizers Ltd.
38	Thifluzamide Technical 96%	Indogulf Crop Sciences Ltd.
39	Tolfenpyrad Technical 98.5%	Krishi Rasayan Exports Pvt. Ltd.
40	Topramezone Technical 95.8%	Indogulf Crop Sciences Ltd.

Chemical Cases under 9(4) FIM

The 9(4) FIM segment is dominated by high-demand generic formulations, particularly combination products across fungicides, insecticides, and herbicides. Multiple registrations of the same formulations by different companies indicate intense competition and market saturation, driven by strong demand for broad-spectrum and cost-effective crop protection solutions.

S.No.	Product (Formulation)	No. of Registrations
1	Azoxystrobin 11% + Tebuconazole 18.3% SC	8
2	Azoxystrobin 18.2% + Difenoconazole 11.4% SC	18
3	Bifenthrin 10% EC / WP	9
4	Bispyribac Sodium 10% SC	7
5	Carbendazim 12% + Mancozeb 63% WP	11
6	Chlorantraniliprole 0.53% + Fipronil 0.8% GR	15
7	Chlorantraniliprole 18.5% SC	10
8	Chlorpyrifos 50% + Cypermethrin 5% EC	14
9	Cyantraniliprole 18.41% SC	6
10	Dinotefuran 15% + Pymetrozine 45% WG	11
11	Emamectin Benzoate 1.9% EC	16
12	Fipronil 0.4% / 0.6% GR variants	10
13	Glyphosate 41% SL	12
14	Imidacloprid 70% WG/WS	7
15	Pretilachlor 37% EW	8
16	Sulphur 80% WDG	8
17	Tebuconazole 10% + Sulphur 65% WG	13
18	Thiamethoxam 30% FS	9
19	Tolfenpyrad 15% EC	8
20	Topramezone 336 g/l SC	12

Top 20 Most Registered 9(4) F Products





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