

US EPA ARCHIVE DOCUMENT



Registration Review: Microbial Cases Schedule: 2010-2013

June 7, 2010

5/27/2010

EPA/OPP Microbial Pesticide Cases:
Registration Review Schedule

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(A) Reg Rev Case #	(B) Registration Review Case Name	(C) RED Case #	(D) PC Code	(E) CAS #	(F) Active Ingredient Name	(G) Chem Class	(H) Schedule Change	(I) Baseline Date	(J) First Registered	(K) RED Status	(L) RED Status Date	(M) Fiscal Yr Scheduled	(N) Docket Opened	(O) Final Work Plan	(P) Case Count	(Q) AI Count
6050	Trichoderma species		119200	#N/A	Dried fermentation solids and solubles resulting from fermentation of Trichoderma harzianum isolate T-39, containing T-39 fungus propagules, as either conidia or mycelia			07/24/89	05/30/96			2007	04/11/07	08/24/07	1	1
6050	Trichoderma species		119202	67892-31-3	Trichoderma harzianum Rifai (variety); KRL-AG2 (strain)			07/24/89	05/21/93			2007	Same	Same	1	2
6050	Trichoderma species		128902	#N/A	Trichoderma polysporum (ATCC 20475)			07/24/89	07/24/89			2007	Same	Same	1	3
6050	Trichoderma species		128903	67892-34-6	Trichoderma viride (ATCC 20476)			07/24/89	07/24/89			2007	Same	Same	1	4
6007	Pseudomonas syringae		006411	68602-93-7	Pseudomonas Syringae 742RS		*	09/06/92	09/06/92			2007	09/27/07	01/03/08	2	5
6007	Pseudomonas syringae		006441	68583-32-4	Pseudomonas syringae, strain ESC-10		*	09/06/92	04/14/94			2007	Same	Same	2	6
6007	Pseudomonas syringae		006451	#N/A	Pseudomonas syringae, strain ESC-11		*	09/06/92	05/09/96			2007	Same	Same	2	7
6006	Pseudomonas fluorescens		006438	#N/A	Pseudomonas fluorescens A506 (previously coded 006418)		*	09/16/92	09/16/92			2007	09/27/07	01/03/08	3	8
6006	Pseudomonas fluorescens		006439	#N/A	Pseudomonas fluorescens 1629RS		*	09/16/92	09/16/92			2007	Same	Same	3	9
6012	Bacillus subtilis		006479	#N/A	QST 713 strain of bacillus subtilis			07/09/92	06/20/00			2008	03/28/08	07/30/08	4	10
6012	Bacillus subtilis		006480	#N/A	Bacillus subtilis var. amyloliquefaciens Strain FZB24			07/09/92	01/20/00			2008	Same	Same	4	11
6012	Bacillus subtilis		129068	#N/A	Bacillus subtilis GB03			07/09/92	07/09/92			2008	Same	Same	4	12
6012	Bacillus subtilis		129082	#N/A	Bacillus subtilis MBI 600			07/09/92	11/25/98			2008	Same	Same	4	13
4104	Nosema locustae	4104	117001	#N/A	Nosema locustae			09/01/92	03/25/82	Completed	09/01/92	2008	12/12/07	03/18/08	5	14
6066	Streptomyces griseoviridis		129069	#N/A	Streptomyces griseoviridis strain K61			04/13/93	04/13/93			2009			6	15
6024	Metarhizium anisopliae		029056	#N/A	Metarhizium anisopliae strain F52 spores			05/07/93	06/06/03			2009			7	16
6024	Metarhizium anisopliae		129056	67892-13-1	Metarhizium anisopliae Strain ESF1			05/07/93	05/07/93			2009			7	17
6018	Ampelomyces quisqualis		021007	#N/A	Ampelomyces quisqualis isolate M-10			06/17/94	06/17/94			2009	N/A		8	18
6019	Candida oleophila		021008	#N/A	Candida oleophila isolate I-182			02/15/95	02/15/95			2009			9	19
6001	Encapsulated Bt proteins		006409	#N/A	Delta endotoxin of Bacillus thuringiensis variety kurstaki encapsulated in killed Pseudomonas fluorescens			03/23/95	03/23/95			2010			10	20
6001	Encapsulated Bt proteins		006457	#N/A	A blend of CryIA(c) and CryIC derived*delta endotoxins of Bacillus thuringiensis encapsulated in killed pseudomonas fluorescens (*Patent pending)			03/23/95	11/03/95			2010			10	21

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6057	Beauveria bassiana		128815	#N/A	Beauveria bassiana strain 447			04/08/95	09/27/02			2010			11	22
6057	Beauveria bassiana		128818	#N/A	Beauveria bassiana ATCC 74040			04/08/95	05/26/95			2010			11	23
6057	Beauveria bassiana		128924	#N/A	Beauveria bassiana GHA			04/08/95	04/08/95			2010			11	24
6057	Beauveria bassiana		090305	63428-82-0	Beauveria bassiana strain HF23			04/08/95	12/27/06			2010			11	25
4101	Agrobacterium radiobacter		006474	#N/A	Agrobacterium radiobacter strain K1026			06/08/95	09/28/99			2010			12	26
4101	Agrobacterium radiobacter	4101	114201	#N/A	Agrobacterium radiobacter (strain K84)			06/08/95	01/05/79	Completed	06/08/95	2010			12	27
6020	Gliocladium species		021009	#N/A	Gliocladium catenulatum strain J1446			06/13/96	07/02/98			2010			13	28
6020	Gliocladium species		129000	#N/A	Gliocladium virens G-21			06/13/96	06/13/96			2010			13	29
6068	Lagenidium giganteum		129084	#N/A	Lagenidium giganteum, mycelium or oospores			08/20/96	08/20/96			2011			14	30
4106	NPV (insect viruses)		107300	#N/A	Polyhedral occlusion bodies (OBs) of the nuclear polyhedrosis virus of Helicoverpa zea (corn earworm)			09/01/96	07/10/92			2011			15	31
4106	NPV (insect viruses)	151	107301	#N/A	Use code no. 107300			09/01/96	04/30/99	Completed	12/01/90	2011			15	32
4106	NPV (insect viruses)	4106	107302	#N/A	Polyhedral inclusion bodies of Douglas fir tussock moth nucleopolyhedrosis virus			09/01/96	04/13/98	Completed	09/01/96	2011			15	33
4106	NPV (insect viruses)	4106	107303	#N/A	Polyhedral inclusion bodies of gypsy moth nucleopolyhedrosis virus			09/01/96	04/13/78	Completed	09/01/96	2011			15	34
4106	NPV (insect viruses)		108896	#N/A	Indian meal moth granulosis virus and larval parts on milled wheat bran carrier			09/01/96	12/21/01			2011			15	35
4106	NPV (insect viruses)		127885	#N/A	Anagrapha falcifera multi-nuclear polyhedrosis virus polyhedral inclusion bodies in aqueous suspension			09/01/96	08/09/02			2011			15	36
4106	NPV (insect viruses)		129078	#N/A	Polyhedral occlusion bodies of the beet armyworm nuclear polyhedrosis virus			09/01/96	06/30/92			2011			15	37
4106	NPV (insect viruses)		129090	#N/A	Cydia pomonella granulosis virus			09/01/96	06/12/97			2011			15	38
6053	Bacillus cereus		119802	#N/A	Bacillus cereus strain UW85			07/30/97	07/30/97			2011			16	39
247 BT			006400	68038-71-1	Bacillus thuringiensis (Berliner)			03/31/98	12/15/81			2011			17	40
247 BT		247	006401	68038-71-1	Bacillus thuringiensis subsp. israelensis			03/31/98	04/07/82	Completed	03/31/98	2011			17	41
247 BT		247	006402	68038-71-1	Bacillus thuringiensis subsp. kurstaki			03/31/98	10/13/71	Completed	03/31/98	2011			17	42
247 BT		247	006403	#N/A	Bacillus thuringiensis subsp. aizawai			03/31/98	07/10/91	Completed	03/31/98	2011			17	43
247 BT		247	006405	#N/A	Bacillus thuringiensis subsp. tenebrionis			03/31/98	12/12/88	Completed	03/31/98	2011			17	44
247 BT			006407	#N/A	Bacillus thuringiensis subsp. kurstaki strain BMP123			03/31/98	08/05/93			2011			17	45
247 BT			006423	#N/A	Bacillus thuringiensis subsp. kurstaki strain EG2371			03/31/98	05/25/95			2011			17	46

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247 BT			006424	#N/A	Bacillus thuringiensis subsp. kurstaki strain EG2348			03/31/98	04/25/94			2011			17	47
247 BT			006426	#N/A	Bacillus thuringiensis subsp. aizawai strain GC-91			03/31/98	08/08/92			2011			17	48
247 BT			006447	#N/A	Bacillus thuringiensis sub. kurstaki strain EG7673			03/31/98	01/18/95			2011			17	49
247 BT			006452	#N/A	Lepidopteran active toxin Bacillus thuringiensis var. kurstaki strain M-200 protein			03/31/98	11/15/96			2011			17	50
247 BT			006453	#N/A	toxin Bacillus thuringiensis subspecies kurstaki strain EG7841 Lepidopteran active			03/31/98	09/04/02			2011			17	51
247 BT			006459	#N/A	toxin Bacillus thuringiensis subspecies kurstaki, strain EG7826 Lepidopteran active			03/31/98	12/16/96			2011			17	52
247 BT			006476	#N/A	toxin Bacillus thuringiensis subspecies israelensis strain EG2215			03/31/98	09/30/98			2011			17	53
247 BT			006494	#N/A	Bacillus thuringiensis subsp. aizawai, strain NB200			03/31/98	06/10/05			2011			17	54
247 BT		247	006518	#N/A	Bt kurstaki strain SA-12			03/31/98	10/13/71	Completed	03/31/98	2011			17	55
247 BT		247	006519	#N/A	Bt kurstaki strain SA-11			03/31/98	10/13/71	Completed	03/31/98	2011			17	56
247 BT		247	006520	#N/A	Bt israelensis strain BMP 144			03/31/98	04/07/82	Completed	03/31/98	2011			17	57
247 BT		247	006522	#N/A	Bt kurstaki strain ABTS-351			03/31/98	10/13/71	Completed	03/31/98	2011			17	58
247 BT		247	006523	#N/A	Bt aizawai strain ABTS-1857			03/31/98	07/10/91	Completed	03/31/98	2011			17	59
247 BT		247	006524	#N/A	Bt tenebrionis strain NB-176			03/31/98	12/12/88	Completed	03/31/98	2011			17	60
247 BT		247	069162	#N/A	Bt israelensis strain AM 65-			03/31/98	04/07/82	Completed	03/31/98	2011			17	61
247 BT		247	069210	#N/A	Bt israelensis strain SA3A			03/31/98	04/07/82	Completed	03/31/98	2011			17	62
6010 Harpin proteins			006477	#N/A	Harpin protein			04/19/00	04/19/00			2012			18	63
6010 Harpin proteins			006506	#N/A	Harpin alpha beta protein			04/19/00	02/11/05			2012			21	68
6047 Paecilomyces species			028826	#N/A	Paecilomyces lilacinus strain 251 (A filamentous fungus)			04/22/98	03/30/05			2012			19	65
6047 Paecilomyces species			115002	#N/A	Paecilomyces fumosoroseus Apopka Strain 97			04/22/98	04/22/98			2012			19	66
6505 Potato replicase			006469	#N/A	Potato leafroll virus (PLRV) replicase protein as produced in potato plants			04/14/98	04/14/98			2012			20	67
6009 Pseudomonas aureofaciens			006473	#N/A	Pseudomonas aureofaciens strain Tx-1			02/11/99	02/11/99			2012			21	68
6051 Myrothecium species			119204	#N/A	Dried fermentation solids & solubles of myrothecium verrucaria			04/29/00	04/29/00			2013			22	69
6052 Bacillus sphaericus			119801	143447-72-7	Bacillus sphaericus			04/29/00	04/29/00			2013			23	70
6022 Coniothyrium species			028836	#N/A	Coniothyrium minitans strain CON/M/91-08 (A filamentous fungus)			03/16/01	03/16/01			2013			24	71
6015 Bacillus pumilus			006485	#N/A	Bacillus pumilus QST 2808			05/15/01	10/14/04			2013			25	72
6015 Bacillus pumilus			006493	#N/A	Bacillus pumilus GB34			05/15/01	05/15/01			2013			25	73

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6011	Pseudomonas chlororaphis		006478	#N/A	Pseudomonas chlororaphis strain 63-28			09/28/01	09/28/01						26	74
6501	Bt corn lepidopteran		006430	#N/A	Bacillus thuringiensis subsp. kurstaki strain HD1 delta-endotoxin as produced in corn by a cry1A(b) gene and its controlling sequences			10/15/01	12/20/96						27	75
6501	Bt corn lepidopteran		006444	#N/A	Bacillus thuringiensis CryIA(b) delta-endotoxin and the genetic material necessary for its production (plasmid vector pZ01502) in corn, when used as a plant pesticide in all raw agricultural commodities of field corn, sweet corn and popcorn.			10/15/01	08/11/96						27	76
6501	Bt corn lepidopteran		006481	#N/A	Bacillus thuringiensis Cry 1F protein and the genetic material necessary for its production (plasmid insert PHI 8999) in corn			10/15/01	05/18/01						27	77
6501	Bt corn lepidopteran		006491	#N/A	Bacillus thuringiensis moCry 1F insecticidal protein and the genetic material necessary for its production in maize			10/15/01	05/27/05						27	78
6503	Bt potato coleopteran		006432	#N/A	Bacillus thuringiensis subspecies tenebrionis delta endotoxin as produced in potato by Cry IIIA gene and its controlling sequences and found in the following constructs: PV-STBT02, PV-STBT04, and PV-STMT01, IR-22,			10/15/01	05/02/95						28	79
6504	Bt cotton lepidopteran		006445	#N/A	Bacillus thuringiensis var. kurstaki delta endotoxin protein as produced by the Cry1A(c)			10/15/01	03/21/95						29	80
6504	Bt cotton lepidopteran		006487	#N/A	Bacillus thuringiensis Cry2Ab protein and the genetic material necessary for its production (vector GHBK11) in cotton			10/15/01	06/14/02						29	81
6504	Bt cotton lepidopteran		006512	#N/A	Cry1F Bt Cotton Event 281			10/15/01	09/30/04						29	82
6504	Bt cotton lepidopteran		071326	#N/A	Cry1Ac Bt cotton Event 3006			10/15/01	09/30/04						29	83
6013	Puccinia thlaspeos		006489	#N/A	Puccinia thlaspeos 'woad strain' on rust-infected pieces of dyer's woad			06/26/02	06/26/02						30	84
6049	Pseudozyma flocculosa		119196	#N/A	Pseudozyma flocculosa			09/20/02	09/20/02						31	85
6014	Bacillus licheniformis		006492	#N/A	Bacillus licheniformis SB3086			02/04/03	02/04/03						32	86
6502	Bt corn coleopteran		006484	#N/A	Bacillus thuringiensis Cry3Bb protein and the genetic material necessary for its production (Vector ZMIR 13L) in corn			02/23/03	02/23/03						33	87

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6502	Bt corn coleopteran		006490	#N/A	Bacillus thuringiensis Cry34Ab1 and Cry35Ab1 proteins and the genetic material necessary for their production in corn			02/23/03	08/31/05						33	88
6502	Bt corn coleopteran		006498	#N/A	Bacillus thuringiensis Cry3Bb1 protein and the genetic material necessary (vector ZMIR39) for its production in corn			02/23/03	07/15/03						33	89
6502	Bt corn coleopteran		006498	#N/A	Bacillus thuringiensis Cry3Bb1 protein and the genetic material (vector VZMIR39) necessary for its production in corn			02/23/03	12/13/05						33	90
6502	Bt corn coleopteran		006509	#N/A	Bacillus thuringiensis Cry3A			02/23/03	10/03/07						33	91
6008	Aspergillus flavus		006456	#N/A	Aspergillus flavus 36 colonized wheat seed			07/23/03	07/23/03						34	92
6008	Aspergillus flavus		006500	#N/A	Aspergillus flavus NRRL 21882			07/23/03	05/28/04						34	93
6087	Trypsin modulating oostatic factor		105403	#N/A	Trypsin Modulating Oostatic Factor (TMOF)			05/24/04	05/24/04						35	94
6088	Streptomyces lydicus WYEC 108		006327	#N/A	Streptomyces lydicus WYEC 108			05/24/04	05/24/04						36	95
6091	Chondrostereum purpureum		081308	#N/A	Chondrostereum purpureum isolate PFC 2139, ATCC 60854			09/23/04	09/23/04						37	96
6091	Chondrostereum purpureum		081309	#N/A	Chondrostereum purpureum strain HQ1, IDAC accession #090502-01,			09/23/04	03/30/05						37	97
4102	Bacillus popilliae	4102	054501	#N/A	Bacillus popilliae and B. lentimorbus			09/24/04	07/01/87	Completed	09/24/04				38	98
4102	Bacillus popilliae		054502	#N/A	Spores of bacillus popilliae			09/24/04	05/24/95	Completed	09/24/04				38	99
6300	Alternaria destruens		028301	#N/A	Alternaria destruens			05/04/05	05/04/05						39	100
6303	Muscodor albus QST 20799		006503	#N/A	Muscodor albus strain QST 20799			09/22/05	09/22/05						40	101
6508	Verticillium dahliae Isolate WCS 850		081305	#N/A	Verticillium dahliae Isolate WCS 850			10/19/05	10/19/05						41	102
6509	Xanthomonas campestris pv. vesicatoria (bacteriophage)		006449	#N/A	Xanthomonas campestris pv. vesicatoria (bacteriophage)			12/09/05	12/09/05						42	103
6510	Pseudomonas syringae pv. tomato (bacteriophage)		006521	#N/A	Pseudomonas syringae pv. tomato (bacteriophage)			12/09/05	12/09/05						43	104
4105	Phytophthora palmivora	4105	111301	#N/A	Live Chlamydospores of Phytophthora palmivora MWV			03/01/06	03/25/81	Completed	03/01/06				44	105
4103	Colletotrichum gloeosporioides	4103	226300	#N/A	Colletotrichum gloeosporioides f. sp. aescynomene ATCC 20358			03/28/06	03/28/06	Completed	09/01/96				45	106
4103	Colletotrichum gloeosporioides f. sp. aescynomene ATCC		226300	#N/A	Colletotrichum gloeosporioides f. sp.			03/28/06	03/28/06						45	107
6506	Pantoea agglomerans strain C9-1		006470	#N/A	Pantoea agglomerans St (9-1)			04/10/06	04/10/06						46	108

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6507	Pantoea agglomerans strain E325		006511	#N/A	Pantoea agglomerans strain E325; NRRL B-21856			09/11/06	09/11/06						47	109		
6511	Pythium oligandrum DV74		028816	#N/A	Pythium oligandrum DV74			05/07/07	05/07/07						48	110		
6512	Quillaja Extract		097095	68990-67-0	Samponis of Quillia saponaria			07/15/07	07/15/07						49	111		
6513	ZYMV		244201	#N/A	Zucchini Yellow Mosaic Virus- Weak Strain			08/06/07	08/06/07						50	112		
Cases			50			Actives			112					6			5	