Registration Review: Microbial Cases Schedule: 2012-2015

Revised July 9, 2013

(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

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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 CrylA(c) and CrylC derived*delta endotoxins of Bacillus thuringiensis encapsulated in killed pseudomonas fluorescens (*Patent pending)			**03/23/95**	11/03/95			2010			10	21
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 bassianastrain 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

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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	Completed	03/31/98	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	Completed	03/31/98	2011			17	45
247	BT		006423	#N/A	Bacillus thuringiensis subsp. kurstaki strain EG2371			**03/31/98**	05/25/95	Completed	03/31/98	2011			17	46
247	BT		006424	#N/A	Bacillus thuringiensis subsp. kurstaki strain EG2348			**03/31/98**	04/25/94	Completed	03/31/98	2011			17	47
247	BT		006426	#N/A	Bacillus thuringiensis subsp. aizawai strain GC-91			**03/31/98**	08/08/92	Completed	03/31/98	2011			17	48
247	BT		006447	#N/A	Bacillus thuringiensis sub. kurstaki strain EG7673 Lepidopteran active toxin			**03/31/98**	01/18/95	Completed	03/31/98	2011			17	49
247	BT		006452	#N/A	Bacillus thuringiensis var. kurstaki strain M-200 protein toxin			**03/31/98**	11/15/96	Completed	03/31/98	2011			17	50
247	BT		006453	#N/A	Bacillus thuringiensis subspecies kurstaki strain EG7841 Lepidopteran active toxin			**03/31/98**	09/04/02	Completed	03/31/98	2011			17	51
247	BT		006459	#N/A	Bacillus thuringiensis subspecies kurstaki, strain EG7826 Lepidopteran active toxin			**03/31/98**	12/16/96	Completed	03/31/98	2011			17	52
247	BT		006476	#N/A	Bacillus thuringiensis subspecies israelensis strain EG2215			**03/31/98**	09/30/98	Completed	03/31/98	2011			17	53
247	BT		006494	#N/A	Bacillus thuringiensis subsp. aizawai, strain NB200			**03/31/98**	06/10/05	Completed	03/31/98	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

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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	069210	#N/A	Bt israelensis strain SA3A			**03/31/98**	04/07/82	Completed	03/31/98	2011			17	61
247	BT	247	069162	#N/A	Bt israelensis strain AM 65-			**03/31/98**	04/07/82	Completed	03/31/98	2011			17	62
6010	Harpin proteins		006506	#N/A	Harpin alpha beta protein			**04/19/00**	02/11/05			2012			18	63
6047	Paecilomyces species		028826	#N/A	Paecilomyces lilacinus strain 251 (A filamentous fungus)			**04/22/98**	03/30/05			2012			19	64
6047	Paecilomyces species		115002	#N/A	Paecilomyces fumosoroseus Apopka Strain 97			**04/22/98**	04/22/98			2012			19	65
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	66
6009	Pseudomonas aureofaciens		006473	#N/A	Pseudomonas aureofaciens strain Tx-1			**02/11/99**	02/11/99			2012			21	67
6051	Myrothecium species		119204	#N/A	Dried fermentation solids & solubles of myrothecium verrucaria			**04/29/00**	04/29/00			2013			22	68
6052	Bacillus sphaericus		119801	143447-72-7	Bacillus sphaericus			**04/29/00**	04/29/00			2013			23	69
6022	Coniothyrium species		028836	#N/A	Coniothyrium minitans strain CON/M/91-08 (A filamentous fungus)			**03/16/01**	03/16/01			2013			24	70
6015	Bacillus pumilus		006485	#N/A	Bacillus pumilus QST 2808			**05/15/01**	10/14/04			2013			25	71
6015	Bacillus pumilus		006493	#N/A	Bacillus pumilus GB34			**05/15/01**	05/15/01			2013			25	72
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			2014			26	73
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			2014			26	74
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			2014			26	75

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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			2014			26	76
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			2014			27	77
6049	Pseudozyma flocculosa		119196	#N/A	Pseudozyma flocculosa			**09/20/02**	09/20/02			2014			28	78
6014	Bacillus licheniformis		006492	#N/A	Bacillus licheniformis SB3086			**02/04/03**	02/04/03			2014			29	79
6011	Pseudomonas chlororaphis		006478	#N/A	Pseudomonas chlororaphis strain 63-28			**09/28/01**	09/28/01			2014			30	80
6504	Bt cotton lepidopteran		006445	#N/A	Bacillus thuringiensis var. kurstaki delta endotoxin protein as produced by the Cry1A(c) gene and its controlling sequences			**10/15/01**	03/21/95			2015			31	81
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			2015			31	82
6504	Bt cotton lepidopteran		006512	#N/A	Cry1F Bt Cotton Event 281			**10/15/01**	09/30/04			2015			31	83
6504	Bt cotton lepidopteran		071326	#N/A	Cry1Ac Bt cotton Event 3006			**10/15/01**	09/30/04			2015			31	84
6008	Aspergillus flavus		006456	#N/A	Aspergillus flavus 36 colonized wheat seed			**07/23/03**	07/23/03			2015			32	85
6008	Aspergillus flavus		006500	#N/A	Aspergillus flavus NRRL 21882			**07/23/03**	05/28/04			2015			32	86
6087	Trypsin modulating oostatic factor		105403	#N/A	Trypsin Modulating Oostatic Factor (TMOF)			**05/24/04**	05/24/04			2015			33	87
6088	Streptomyces lydicus WYEC 108		006327	#N/A	Streptomyces lydicus WYEC 108			**05/24/04**	05/24/04			2015			34	88
6091	Chondrostereum purpureum		081308	#N/A	Chondrostereum purpureum isolate PFC 2139, ATCC 60854			**09/23/04**	09/23/04			2015			35	89
6091	Chondrostereum purpureum		081309	#N/A	Chondrostereum purpureum strain HQ1, IDAC accession #090502-01,			**09/23/04**	03/30/05			2015			35	90
4102	Bacillus popilliae	4102	054501	#N/A	Bacillus popilliae and B. lentimorbus			**09/24/04**	07/01/87	Completed	09/24/04				36	91

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4102	Bacillus popilliae		054502	#N/A	Spores of bacillus popilliae			**09/24/04**	05/24/95	Completed	09/24/04				36	92
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						37	93
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						37	94
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						37	95
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						37	96
6502	Bt corn coleopteran		006509	#N/A	BacillusthuringiensisCry3A			**02/23/03**	10/03/07						37	97
6303	Muscodor albus QST 20799		006503	#N/A	Muscodor albus strain QST 20799			**09/22/05**	09/22/05						38	98
6508	Verticillium dahliae Isolate WCS 850		081305	#N/A	Verticillium dahliae Isolate WCS 850			**10/19/05**	10/19/05						39	99
6509	Xanthomonas campestris pv. vesicatoria (bacteriophage)		006449	#N/A	Xanthomonas campestris pv. vesicatoria (bacteriophage)			**12/09/05**	12/09/05						40	100
6510	Pseudomonas syringae pv. tomato (bacteriophage)		006521	#N/A	Pseudomonas syringae pv. tomato (bacteriophage)			**12/09/05**	12/09/05						41	101
4105	Phytophthora palmivora	4105	111301	#N/A	Live Chlamydospores of Phytophthora palmivora MWV			**03/01/06**	03/25/81	Completed	03/01/06				42	102
4103	Colletotrichum gloeosporioides	4103	226300	#N/A	Colletotrichum gloeosporioides f. sp. aeschynomene ATCC 20358			**03/28/06**	03/28/06	Completed	09/01/96				43	103
4103	Colletotrichum gloeosporioides f. sp. aeschynomene ATCC 20358		226300	#N/A	Colletotrichum gloeosporioides f. sp. aeschynomene ATCC 20358			**03/28/06**	03/28/06						43	104
6506	Pantoea agglomerans strain C9-1		006470	#N/A	Pantoea agglomerans St (9-1)			**04/10/06**	04/10/06						44	105
6507	Pantoea agglomerans strain E325		006511	#N/A	Pantoea agglomerans strain E325; NRRL B-21856			**09/11/06**	09/11/06						45	106
6511	Pythium oligandrum DV74		028816	#N/A	Pythium oligandrum DV74			**05/07/07**	05/07/07						46	107
6300	Alternaria destruens		028301	#N/A	Alternaria destruens			**05/04/05**	05/04/05						36	92

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6513	ZYMV		244201	#N/A	Zucchini Yellow Mosaic Virus-Weak Strain			**08/06/07**	08/06/07						46	107
Cases	48		Actives	109									6	5		