

Renewal Assessment Report

***Bacillus thuringiensis* subsp. *aizawa*
*wai strain GC-91***

Volume 2

List of the tests, studies and information submitted

July 2018

Rapporteur Member State: The Netherlands

Co-Rapporteur Member State: Germany

Version history

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A List of the tests, studies and information submitted

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A.1 Identity

Data point CADDY (ongoing number- ing)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Verte- brate study Y/N	Data pro- tection claimed Y/N	Justifica- tion if data protection is claimed	Own- er	Previous- ly submit- ted Y/N* If Y => old data point
KMA 1.3/01	Burges et al.	1991	UNITED STATES PATENT FOR GC-91 not available, 5063055 GLP/GEP: no Published: yes	no	no	not pro- tected	-	Y KIIM 1.3.6
KMA 4.1/05	de Barjac, H.	1981	Identification of H- serotypes of <i>Bacillus</i> <i>thuringiensis</i> not available, not appli- cable Microbial control of pests and plant diseases, 35-43 GLP/GEP: no Published: yes	no	no	not protect- ed	-	Y

KMA 1.3/03	Verma, M.	1991	CONFIDENTIAL APPENDIX TO VOLUME OF SUB- MISSION TECHIN- CAL CGA-237218 PRODUCT CHEM- ISTRY Certis USA LLC, PC- 91-005 Agricultural Division Ciba-Geigy Corpora- tion, Greensboro, NC GLP/GEP: no Published: no	no	yes	protected	CEU	Y KIIM 1.3.3
KMA 1.3/04	Strauss, S.	2005 a	FATTY ACID COM- POSITION AND CHROMATOGRAM OF GC-91 Certis USA LLC, not applicable not available GLP/GEP: no Published: no	no	yes	protected	CEU	Y KIIM 1.3.3
KMA 1.3/05	Strauss, S.	2005 b	FATTY ACID COM- POSITION AND CHROMATO- GRAMM OF SA11 Certis USA LLC, not applicable not available GLP/GEP: no Published: no	no	yes	protected	CEU	Y KIIM 1.3.3
KMA 1.3/06	Strauss, S.	2005 c	FATTY ACID COM- POSITION AND CHROMATOGRAM OF SA12 Certis USA LLC, not applicable not available GLP/GEP: no Published: no	no	yes	protected	CEU	Y KIIM 1.3.3
KMA 1.3/07	Strauss, S.	2005 d	FATTY ACID COM- POSITION AND CHROMATOGRAM OF HD-1 Certis USA LLC, not applicable not available GLP/GEP: no Published: no	no	yes	protected	CEU	Y KIIM 1.3.3

KMA 4.1/06	Jackson, P.J., Hill, K.K., Laker, M.T., Ticknor, L.O., Keim, P.	1999	Genetic comparison of <i>Bacillus anthracis</i> and its close relatives using amplified fragment length polymorphism and polymerase chain reaction analysis not available, not applicable Journal of Applied Microbiology, 87, 263-269 GLP/GEP: no Published: yes	no	no	not protected	Y
KMA 4.1/03	Hill, K.K., Ticknor, L.O., Okinaka, R.T., Asay, M., Blair, H., Bliss, K.A., Laker, M., Pardington, P.E., Richardson, A.P., Tonks, M., Beecher, D.J., Kemp, J.D., Kolsto, A.B., Wong, A.C., Keim, P., Jackson, P.J.	2004	Fluorescent Amplified Fragment Length Polymorphism Analysis of <i>Bacillus anthracis</i> , <i>Bacillus cereus</i> , and <i>Bacillus thuringiensis</i> isolates not available, not applicable Applied and Environmental Microbiology, 70, 1068-1080 GLP/GEP: no Published: yes	no	no	not protected	Y KIIM 4.3.1
KMA 4.1/10	González, J.M., Carlton, B.C.	1980	Pattern of plasmid DNA in crystalliferous and acrySTALLIFEROUS strains of <i>Bacillus thuringiensis</i> not available, not applicable Plasmid, 3, 92-98 GLP/GEP: no Published: yes	no	no	not protected	Y

KMA 1.3/01 (KMA 1.3/17)	Brader, G.	2016 a	STRAIN IDENTIFICATION STUDY WITH THE BTK STRAINS SA-11, SA-12, EG 2348 AND BTA GC-91 Certis USA LLC, CEU09361_AIT151 Austrian Institute of Technology GmbH GLP/GEP: no Published: no	no	yes	New data for active ingredient, not previously submitted nor evaluated	CEU	N
KMA 2.2.2/10	Dulmage, H.T., Boening, O.P., Rehnborg, C.S., Hansen, G.D.	1971	A PROPOSED STANDARDIZED BIOASSAY FOR FORMULATIONS OF BACILLUS THURINGIENSIS BASED ON THE INTERNATIONAL UNIT not available, not applicable Journal of invertebrate Pathology, 18, 240-245 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3.2

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMP 2.1/01 (KMP 2.1/02)	Aversa, S.	2013	PHYSICO-CHEMICAL PROPERTIES OF PRODUCT AGREE WG AFTER 2 YEARS SHELF LIFE Certis Europe B.V., NL, BT067/11 Biotechnologie BT Srl, Fraz. Pantalla, Italy GLP: yes Published: no	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMP 2.2/01 (KMP 2.2./03)	Aversa, S.	2013	PHYSICO-CHEMICAL PROPERTIES OF PRODUCT AGREE WG AFTER 2 YEARS SHELF LIFE Certis Europe B.V., NL, BT067/11 Biotechnologie BT Srl, Fraz. Pantalla, Italy GLP: yes Published: no Submitted in: KMP 2.1/01	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N
KMP 2.2/02 (KMP 2.2./04)	Aversa, S.	2011 a	PHYSICAL-CHEMICAL PROPERTIES OF PRODUCT AGREE WG BEFORE AND AFTER ACCELERATED STORAGE AT 30 ± 2°C FOR 18 WEEKS Certis Europe B.V., NL, BT066/11 Biotechnologie BT Srl, Fraz. Pantalla, Italy GLP: yes Published: no	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N
KMP 2.2/03 (KMP 2.2./05)	Chen, C.-Y.	2012	STORAGE STABILITY OF AGREE WG Certis USA LLC, not available [REDACTED] GLP/GEP: no Published: no	no	yes	New data for existing formulation, not previously submitted nor evaluated	CEU	N
KMP 2.2/04 (KMP 2.2./06) 1. additional submission	Gallager, S.	2013	STATEMENT ON PACKAGING AGREE 50 WG Certis USA LLC, not applicable not available GLP/GEP: no Published: no	no	yes	New data for existing formulation, not previously submitted nor evaluated	CEU	N
KMP 2.3/01 (KMP 2.3./02)	Ahrens, A.	2011 a	AGREE WG BATCH NO.: 4093650 EXPLOSIVE PROPERTIES A.14 (OPPTS 830.6316) Certis Europe B.V., NL, 20110112.02 Siemens AG, Prozess-Sicherheit, Frankfurt am Main, Germany GLP: yes Published: no	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMP 2.3/02 (KMP 2.3/03)	Ahrens, A.	2011 b	AGREE WG BATCH NO.: 4093650 OXIDIZING PROPERTIES A.17 Certis Europe B.V., NL, 20110112.04 Siemens AG, Prozess-Sicherheit, Frankfurt am Main, Germany GLP: yes Published: no	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N
KMP 2.4/01 (KMP 2.4/03)	Ahrens, A.	2011 c	AGREE WG BATCH NO.: 4093650 FLAMMABILITY(SOLIDS) A.10 Certis Europe B.V., NL, 20110112.01 Siemens AG, Prozess-Sicherheit, Frankfurt am Main, Germany GLP: yes Published: no	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N
KMP 2.4/02 (KMP 2.4/04)	Ahrens, A.	2011 d	AGREE WG BATCH NO.: 4093650 AUTO-FLAMMABILITY (SOLIDS-DETERMINATION OF RELATIVE SELF-IGNITION TEMPERATURE) A.16 Certis Europe B.V., NL, 20110112.03 Siemens AG, Prozess-Sicherheit, Frankfurt am Main, Germany GLP: yes Published: no	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N
KMP 2.5/01 (KMP 2.5/02)	Aversa, S.	2013	PHYSICO-CHEMICAL PROPERTIES OF PRODUCT AGREE WG AFTER 2 YEARS SHELF LIFE Certis Europe B.V., NL, BT067/11 Biotechnologie BT Srl, Fraz. Pantalla, Italy GLP: yes Published: no Submitted in: KMP 2.1/01	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N
KMP 2.7.1/01 (KMP 2.7.1/02)	Aversa, S.	2013	PHYSICO-CHEMICAL PROPERTIES OF PRODUCT AGREE WG AFTER 2 YEARS SHELF LIFE Certis Europe B.V., NL, BT067/11 Biotechnologie BT Srl, Fraz. Pantalla, Italy GLP: yes Published: no Submitted in: KMP 2.1/01	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N

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KMP 2.7.5/01 (KMP 2.7.5/02)	Aversa, S.	2013	PHYSICO-CHEMICAL PROPERTIES OF PRODUCT AGREE WG AFTER 2 YEARS SHELF LIFE Certis Europe B.V., NL, BT067/11 Biotechnologie BT Srl, Fraz. Pantalla, Italy GLP: yes Published: no Submitted in: KMP 2.1/01	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N
KMP 2.7.7/01	Aversa, S.	2011 b	PHYSICAL-CHEMICAL PROPERTIES: FLOWABILITY, BULK DENSITY AND PERSISTENT FOAMING OF PRODUCT AGREE WG Certis Europe B.V., NL, BT065/11 Biotechnologie BT Srl, Fraz. Pantalla, Italy GLP: yes Published: no Submitted in: KMP 2.7.2/01	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N

A.2 Biological, physical and chemical properties

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 2.1/01	Martin, P.A.W., Travers, R.S.	1989	WORLDWIDE ABUNDANCE AND DISTRIBUTION OF BACILLUS THURINGIENSIS ISOLATES not available, not applicable Applied and Environmental Microbiology, 55, 2437-2442 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.1
KMA 2.1/02	DeLucca, A.J., Simonson, J.G., Larson, A.D.	1981	BACILLUS THURINGIENSIS DISTRIBUTION IN SOILS OF THE UNITED STATES not available, not applicable Canadian Journal of Microbiology, 27, 865-870 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.1
KMA 2.1/03	Ohba, M., Aizawa, K.	1986	DISTRIBUTION OF BACILLUS THURINGIENSIS IN SOILS OF JAPAN not available, not applicable Journal of invertebrate Pathology, 47, 277-282 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.1
KMA 2.1/04	Brownbridge, M., Margalit, J.	1986	NEW BACILLUS THURINGIENSIS STRAINS ISOLATED IN ISRAEL HIGHLY TOXIC TO MOSQUITO LARVAE not available, not applicable Journal of invertebrate Pathology, 48, 216-222 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.1
KMA 2.1/05	Asimeng, E.J., Mutinga, M.J.	1992	ISOLATION OF MOSQUITO-TOXIC BACTERIA FROM MOSQUITO-BREEDING SITES IN KENYA not available, not applicable Journal of the American Mosquito Control Association, 8, 86-88 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.1
KMA 2.1/06	Dulmage, H.T.	1970	INSECTICIDAL ACTIVITY OF HD-1, A NEW ISOLATE OF BACILLUS THURINGIENSIS VAR. ALESTI not available, not applicable Journal of invertebrate Pathology, 15, 232-239 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.1

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 2.1/07	DeLucca, A.J., Palmgren, M.S., Ciegler, A.	1982	BACILLUS THURINGIENSIS IN GRAIN ELEVATOR DUSTS not available, not applicable Canadian Journal of Microbiology, 28, 452-456 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.1
KMA 2.1/08	Glare, T.R., O'Callaghan, M.	2000	BACILLUS THURINGIENSIS: BIOLOGY, ECOLOGY AND SAFETY not available, not applicable John Wiley and Sons Inc New York GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.1
KMA 2.1/09	Smith, R.A., Couche, G.A.	1991	THE PHYLLOPLANE AS A SOURCE OF BACILLUS THURINGIENSIS VARIANTS not available, not applicable Applied and Environmental Microbiology, 57, 311-315 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.1
KMA 2.1/10	González, J.M., Brown, B.J., Carlton, B.C.	1982	TRANSFER OF BACILLUS THURINGIENSIS PLASMIDS CODING FOR DELTA-ENDOTOXIN AMONG STRAINS OF B. THURINGIENSIS AND B. CEREUS not available, not applicable Proc Natl Acad Sci USA, 79, 6951-6955 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.1
KMA 2.1/11	Burges et al.	1991	UNITED STATES PATENT FOR GC-91 not available, 5063055 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.1
KMA 2.1.2/01	Bernhard, K., Jarrett, P., Meadows, M., Butt, J., Ellis, D.J., Roberts, G.M., Pauli, S., Rodgers, P., Burges, H.D.	1997	NATURAL ISOLATES OF BACILLUS THURINGIENSIS: WORLDWIDE DISTRIBUTION, CHARACTERIZATION, AND ACTIVITY AGAINST INSECT PESTS not available, not applicable Journal of invertebrate Pathology, 70, 59-68 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.2

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 2.1.2/02	Martin, P.A.W., Travers, R.S.	1989	WORLDWIDE ABUNDANCE AND DISTRIBUTION OF BACILLUS THURINGIENSIS ISOLATES not available, not applicable Applied and Environmental Microbiology, 55, 2437-2442 GLP/GEP: no Published: yes Submitted in: KMA 2.1/01	no	no	not protected	-	Y KIIM 2.2
KMA 2.1.2/03	Landén, R., Bryne, M., Abdel-Hameed, A.	1994	DISTRIBUTION OF BACILLUS THURINGIENSIS STRAINS IN SOUTHERN SWEDEN not available, not applicable World J Microbiol Biotechnol, 10, 45-50 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.2
KMA 2.1.2/04	Iriarte, J., Bel, Y., Ferlandis, M.D., Andrew, R., Murillo, J., Ferré, J., Caballero, P.	1998	ENVIRONMENTAL DISTRIBUTION AND DIVERSITY OF BACILLUS THURINGIENSIS IN SPAIN not available, not applicable System Appl Microbiol, 21, 97-106 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.2
KMA 2.1.2/05	Bel, Y., Granero, F., Alberola, T.M., Martínez-Sebastián, M., Ferré, J.	1997	DISTRIBUTION, FREQUENCY AND DIVERSITY OF BACILLUS THURINGIENSIS IN OLIVE TREE ENVIRONMENTS IN SPAIN not available, not applicable System Appl Microbiol, 20, 652-658 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.2
KMA 2.1.2/06	Kim, H.S., Lee, D.W., Woo, S.O., Yu, Y.M., Kang, S.K.	1998	SEASONAL DISTRIBUTION AND CHARACTERIZATION OF BACILLUS THURINGIENSIS ISOLATED FROM SERICULTURAL ENVIRONMENTS IN KOREA not available, not applicable Journal of General and Applied Microbiology, 44, 133-138 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.2

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KMA 2.1.2/07	Valicente, F.H., Barreto, M.R.	2003	BACILLUS THURINGIENSIS SURVEY IN BRAZIL: GEOGRAPHICAL DISTRIBUTION AND INSECTICIDAL ACTIVITY AGAINST SPODOPTERA FRUGIPERDA (J.E. SMITH) (LEPIDOPTERA: NOCTUIDAE) not available, not applicable Neotropical Entomology, 32 (4), 639-644 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.2
KMA 2.1.2/08	Vásquez, M., Parra, C., Hubert, E., Espinoza, P., Theoduloz, C., Meza-Basso, L.	1995	SPECIFICITY AND INSECTICIDAL ACTIVITY OF CHILEAN STRAINS OF BACILLUS THURINGIENSIS not available, not applicable Journal of invertebrate Pathology, 66, 143-148 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.2
KMA 2.1.2/09	Ohba, M., Aizawa, K.	1986	DISTRIBUTION OF BACILLUS THURINGIENSIS IN SOILS OF JAPAN not available, not applicable Journal of invertebrate Pathology, 47, 277-282 GLP/GEP: no Published: yes Submitted in: KMA 2.1/03	no	no	not protected	-	Y KIIM 2.2
KMA 2.1.2/10	Damgaard, P.H., Hansen, B.M., Pedersen, J.C., Eilenberg, J.	1997	NATURAL OCCURRENCE OF BACILLUS THURINGIENSIS ON CABBAGE FOLIAGE AND IN INSECTS ASSOCIATED WITH CABBAGE CROPS not available, not applicable Journal of Applied Microbiology, 82, 253-258 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.2
KMA 2.1.2/11	Damgaard, P.H., Abdel-Hameed, A., Eilenberg, J., Smits, P.H.	1998	NATURAL OCCURRENCE OF BACILLUS THURINGIENSIS ON GRASS FOLIAGE not available, not applicable World J Microbiol Biotechnol, 14, 239-242 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.2

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KMA 2.1.2/12	Smith, R.A., Couche, G.A.	1991	THE PHYLLOPLANE AS A SOURCE OF BACILLUS THURINGIENSIS VARIANTS not available, not applicable Applied and Environmental Microbiology, 57, 311-315 GLP/GEP: no Published: yes Submitted in: KMA 2.1/09	no	no	not protected	-	Y KIIM 2.2
KMA 2.2/01	Höfte, H., Whiteley, H.R.	1989	INSECTICIDAL CRYSTAL PROTEINS OF BACILLUS THURINGIENSIS not available, not applicable Microbiol Rev, Jun, 242-255 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3
KMA 2.2/02	Feitelson, J.F., Payne, J., Kim, L.	1992	BACILLUS THURINGIENSIS: INSECTS AND BEYOND not available, not applicable Biotechnology, 10 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3
KMA 2.2/03	Wei, J.Z., Hale, K., Carta, L., Platzer, E., Wong, C., Fang, S.-C., Aroian, R.V.	2003	BACILLUS THURINGIENSIS CRYSTAL PROTEINS THAT TARGET NEMATODES not available, not applicable Proc Natl Acad Sci USA, 100, 2760-2765 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3
KMA 2.2/04	Burges et al.	1991	UNITED STATES PATENT FOR GC-91 not available, 5063055 GLP/GEP: no Published: yes Submitted in: KMA 2.1/11	no	no	not protected	-	Y KIIM 2.3
KMA 2.2/05	Dulmage, H.T.	1970	INSECTICIDAL ACTIVITY OF HD-1, A NEW ISOLATE OF BACILLUS THURINGIENSIS VAR. ALESTI not available, not applicable Journal of invertebrate Pathology, 15, 232-239 GLP/GEP: no Published: yes Submitted in: KMA 2.1/06	no	no	not protected	-	Y KIIM 2.3

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 2.2/06	Moar, W.J., Pusztai-Carey, M., van Faassen, H., Bosch, D., Frutos, R., Rang, C., Luo, K., Adang, M.J.	1995	DEVELOPMENT OF BACILLUS THURINGIENSIS CRYIC RESISTANCE BY SPODOPTERA EXIGUA (HÜBNER) (LEPIDOPTERA: NOCTUIDAE) not available, not applicable Applied and Environmental Microbiology, Jun, 2086-2092 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3
KMA 2.2.2/01	Schnepf, E., Crickmore, N., van Rie, J., Lereclus, D., Baum, J., Feitelson, J., Zeigler, D.R., Dean, D.H.	1998	BACILLUS THURINGIENSIS AND ITS PESTICIDAL CRYSTAL PROTEINS not available, not applicable Microbiol Mol Biol Rev, 62, 775-806 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3.2
KMA 2.2.2/02	Höfte, H., Whiteley, H.R.	1989	INSECTICIDAL CRYSTAL PROTEINS OF BACILLUS THURINGIENSIS not available, not applicable Microbiol Rev, Jun, 242-255 GLP/GEP: no Published: yes Submitted in: KMA 2.2/01	no	no	not protected	-	Y KIIM 2.3.2
KMA 2.2.2/03	Hofmann, C., Vanderbruggen, H., Höfte, H., van Rie, J., Janssens, S., van Mellaert, H.	1988	SPECIFICITY OF BACILLUS THURINGIENSIS DELTA-ENDOTOXINS IS CORRELATED WITH THE PRESENCE OF HIGH-AFFINITY BINDING SITES IN THE BRUSH BORDER MEMBRANE OF TARGET INSECT MIDGUTS not available, not applicable Proc Natl Acad Sci USA, 85, 7844-7848 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3.2
KMA 2.2.2/04	Hofmann, C., Lüthy, P., Hütter, R., Pliska, V.	1988	BINDING OF THE DELTA ENDOTOXIN FROM BACILLUS THURINGIENSIS TO BRUSH-BORDER MEMBRANE VESICLES OF THE CABBAGE BUTTERFLY (PIERIS BRASSICAE) not available, not applicable Eur J Biochem, 173, 85-91 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3.2

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 2.2.2/05	Schwartz, J.L., Garneau, L., Masson, L., Brousseau, R.	1991	EARLY RESPONSE OF CULTURED LEPIDOPTERAN CELLS TO EXPOSURE TO DELTA-ENDOTOXIN FROM BACILLUS THURINGIENSIS: INVOLVEMENT OF CALCIUM AND ANIONIC CHANNELS not available, not applicable Biochimica et Biophysica Acta, 1065, 250-260 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3.2
KMA 2.2.2/06	Aronson, A.I.	1993	THE TWO FACES OF BACILLUS THURINGIENSIS: INSECTICIDAL PROTEINS AND POST-EXPONENTIAL SURVIVAL not available, not applicable Mol Microbiol, 7, 489-496 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3.2
KMA 2.2.2/07	Burges, H.D.	1982	CONTROL OF INSECTS BY BACTERIA not available, not applicable Parasitology, 84, 79-117 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3.2
KMA 2.2.2/08	Griego, V.M., Spence, K.D.	1978	INACTIVATION OF BACILLUS THURINGIENSIS SPORES BY ULTRAVIOLET AND VISIBLE LIGHT not available, not applicable Applied and Environmental Microbiology, 35, 906-910 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3.2
KMA 2.2.2/09	Pusztai, M., Fast, P., Gringorten, L., Kaplan, H., Lessard, T., Carey, P.R.	1991	THE MECHANISM OF SUNLIGHT-MEDIATED INACTIVATION OF BACILLUS THURINGIENSIS CRYSTALS not available, not applicable Biochemical Journal, 273, 43-47 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3.2
KMA 2.2.2/10	Dulmage, H.T., Boening, O.P., Rehnborg, C.S., Hansen, G.D.	1971	A PROPOSED STANDARDIZED BIOASSAY FOR FORMULATIONS OF BACILLUS THURINGIENSIS BASED ON THE INTERNATIONAL UNIT not available, not applicable Journal of invertebrate Pathology, 18, 240-245 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3.2

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KMA 2.2.2/11	Yamamoto, T., Iizuka, T.	1983	TWO TYPES OF ENTOMOCIDAL TOXINS IN THE PARASPORAL CRYSTALS OF BACILLUS THURINGIENSIS KURSTAKI not available, not applicable Archives of Biochemistry and Biophysics, 227, 233-241 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3.2
KMA 2.2.2/12	Luo, K., Banks, D., Adang, M.J.	1999	TOXICITY, BINDING, AND PERMEABILITY ANALYSES OF FOUR BACILLUS THURINGIENSIS CRY1 DELTA-ENDOTOXINS USING BRUSH BORDER MEMBRANE VESICLES OF SPODOPTERA EXIGUA AND SPODOPTORA FRUGIPERDA not available, not applicable Applied and Environmental Microbiology, Feb, 457-464 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3.2
KMA 2.2.2/13	Rausell, C., Martinez-Ramirez, C.M., García-Robles, I., Real, M.D.	2000	A BINDING SITE FOR BACILLUS THURINGIENSIS CRY1AB TOXIN IS LOST DURING LARVAL DEVELOPMENT IN TWO FOREST PESTS not available, not applicable Applied and Environmental Microbiology, Apr, 1553-1558 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3.2
KMA 2.2.2/14	Gilliland, A., Chambers, C.E., Bone E.J., Ellar D.J.	2002	ROLE OF BACILLUS THURINGIENSIS CRY1 DELTA ENDO-TOXIN BINDING IN DETERMINING POTENCY DURING LEPIDOPTERAN LARVAL DEVELOPMENT not available, not applicable Applied and Environmental Microbiology, Apr, 1509-1515 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3.2

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 2.2.2/15	Bernhard, K., Jarrett, P., Meadows, M., Butt, J., Ellis, D.J., Roberts, G.M., Pauli, S., Rodgers, P., Burges, H.D.	1997	NATURAL ISOLATES OF <i>BACILLUS THURINGIENSIS</i> : WORLDWIDE DISTRIBUTION, CHARACTERIZATION, AND ACTIVITY AGAINST INSECT PESTS not available, not applicable Journal of invertebrate Pathology, 70, 59-68 GLP/GEP: no Published: yes Submitted in: KMA 2.1.2/01	no	no	not protected	-	Y KIIM 2.3.2
KMA 2.2.2/16	Pigott, C.R., Ellar, D.J.	2007	ROLE OF RECEPTORS IN <i>BACILLUS THURINGIENSIS</i> CRYSTAL TOXIN ACTIVITY not available, not applicable Microbiol Mol Biol Rev, 71, 255-281 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3.2
KMA 2.2.2/17	Bravo, A., Gill, S.S., Soberon, M.	2007	MODE OF ACTION OF <i>BACILLUS THURINGIENSIS</i> CRY AND CYT TOXINS AND THEIR POTENTIAL FOR INSECT CONTROL not available, not applicable Toxicon, 49, 423-435 (online version 1-18) GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3.2
KMA 2.2.2/18	Zhang, X., Candas, M., Griko, N.B., Taussig, R., Bulla, L.A. Jr.	2006	A MECHANISM OF CELL DEATH INVOLVING AN ADENYL CYCLASE/PKA SIGNALING PATHWAY IS INDUCED BY THE CRY1AB TOXIN OF <i>BACILLUS THURINGIENSIS</i> not available, not applicable Proc Natl Acad Sci USA, 103, 9897-9902 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3.2
KMA 2.2.2/19	Broderick, N.A., Raffa, K.F., Handelsman, J.	2006b	MIDGUT BACTERIA REQUIRED FOR <i>BACILLUS THURINGIENSIS</i> INSECTICIDAL ACTIVITY not available, not applicable Proc Natl Acad Sci USA, 103, 15196-15199 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3.2

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 2.2.2/20	Jurat-Fuentes, J.L., Adang, M.J.	2006	CRY TOXIN MODE OF ACTION IN SUSCEPTIBLE AND RESISTANT HELIOTHIS VI-RESCENS LARVAE not available, not applicable Journal of invertebrate Pathology, 92, 166-171 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3.2
KMA 2.2.2/21	Broderick, N.A., Robinson, C.J., McMahon, M.D., Holt, J., Handelsman, J., Raffa, K.F.	2009b	CONTRIBUTIONS OF GUT BACTERIA TO BACILLUS THURINGIENSIS-INDUCED MORTALITY VARY ACROSS A RANGE OF LEPIDOPTERA not available, not applicable BMC Biology, 7, 1-9 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.3.2
KMA 2.2.2/01 (KMA 2.2.2/22)	Palma, L., Munoz, D., Berry, C., Murillo, J., Caballero, P.	2014	BACILLUS THURINGIENSIS TOXINS: AN OVERVIEW OF THEIR BIOCIDAL ACTIVITY not available, not applicable Toxins, 6, 3296-3325 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 2.2.2/02 (KMA 2.2.2/23)	Broderick, N.A., Raffa, K.F., Handelsman, J.	2006a	MIDGUT BACTERIA REQUIRED FOR BACILLUS THURINGIENSIS INSECTICIDAL ACTIVITY not available, not applicable Proc Natl Acad Sci USA, 103, 15196-15199 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 2.2.2/03 (KMA 2.2.2/24)	Broderick, N.A., Robinson, C.J., McMahon, M.D., Holt, J., Handelsman, J., Raffa, K.F.	2009a	CONTRIBUTIONS OF GUT BACTERIA TO BACILLUS THURINGIENSIS-INDUCED MORTALITY VARY ACROSS A RANGE OF LEPIDOPTERA not available, not applicable BMC Biology, 7, 1-9 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 2.3/01	Höfte, H., Whiteley, H.R.	1989	INSECTICIDAL CRYSTAL PROTEINS OF BACILLUS THURINGIENSIS not available, not applicable Microbiol Rev, Jun, 242-255 GLP/GEP: no Published: yes Submitted in: KMA 2.2/01	no	no	not protected	-	Y KIIM 2.4

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 2.3/02	Schnepf, E., Crickmore, N., van Rie, J., Lereclus, D., Baum, J., Feitelson, J., Zeigler, D.R., Dean, D.H.	1998	BACILLUS THURINGIENSIS AND ITS PESTICIDAL CRYSTAL PROTEINS not available, not applicable Microbiol Mol Biol Rev, 62, 775-806 GLP/GEP: no Published: yes Submitted in: KMA 2.2.2/01	no	no	not protected	-	Y KIIM 2.4
KMA 2.3/03	Aronson, A.I., Han, E.-S., McGaughey, W., Johnson, D.	1991	THE SOLUBILITY OF INCLUSION PROTEINS FROM BACILLUS THURINGIENSIS IS DEPENDENT UPON PROTOXIN COMPOSITION AND IS FACTOR IN TOXICITY TO INSECTS not available, not applicable Applied and Environmental Microbiology, 57, 981-986 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.4
KMA 2.3/04	Jaquet, F., Hütter, R., Lüthy, P.	1987	SPECIFICITY OF BACILLUS THURINGIENSIS DELTA-ENDOTOXIN not available, not applicable Applied and Environmental Microbiology, Mar, 500-504 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.4
KMA 2.3/05	McGaughey, W.H., Whalon, M.E.	1992	MANAGING INSECT RESISTANCE TO BACILLUS THURINGIENSIS TOXINS not available, not applicable Science, 258, 1451-1455 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.4
KMA 2.3/06	Haider, M.Z., Knowles, B.H., Ellar, D.J.	1986	SPECIFICITY OF BACILLUS THURINGIENSIS VAR. COLMERI INSECTICIDAL DELTA-ENDOTOXIN IS DETERMINED BY DIFFERENTIAL PROTEOLYTIC PROCESSING OF THE PROTOXIN BY LARVAL GUT PROTEASES not available, not applicable Eur J Biochem, 156, 531-540 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.4
KMA 2.3/07	Honée, G., Visser, B.	1993	THE MODE OF ACTION OF BACILLUS THURINGIENSIS CRYSTAL PROTEINS not available, not applicable Entomol Exp Appl, 69, 145-155 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.4

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KMA 2.3/08	Woltersberger, M.G.	1991	INHIBITION OF POTASSIUM-GRADIENT DRIVEN PHENYL-ALANINE UPTAKE IN LARVAL LYMANTRIA DISPAR MIDGUT BY TWO BACILLUS THURINGIENSIS DELTA-ENDOTOXINS CORRELATES WITH THE ACTIVITY OF THE TOXINS AS GYPSY MOTH LARVICIDES not available, not applicable Journal of Experimental Biology, 161, 519-525 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.4
KMA 2.3/09	MacIntosh, S.C., Stone, T.B., Sims, S.R., Hunst, P.L., Greenplate, J.T., Marrone, P.G., Perlak, F.J., Fischhoff, D.A., Fuchs R.L.	1990	SPECIFICITY AND EFFICACY OF PURIFIED BACILLUS THURINGIENSIS PROTEINS AGAINST AGRONOMICALLY IMPORTANT INSECTS not available, not applicable Journal of invertebrate Pathology, 56, 258-266 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.4
KMA 2.3/10	Sears, M.K., Hellmich, R.L., Stanley-Horn, D.E., Oberhauser, K.S., Pleasants, J.M., Mattila, H.R., Siegfried, B.D., Dively, G.P.	2001	IMPACT OF BT CORN POLLEN ON MONARCH BUTTERFLY POPULATIONS: A RISK ASSESSMENT not available, not applicable Proc Natl Acad Sci USA, 98 (21), 11937-11942 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.4
KMA 2.3/11	World Health Organization	1999	ENVIRONMENTAL HEALTH CRITERIA 217 - MICROBIAL PEST CONTROL AGENT BACILLUS THURINGIENSIS not available, not applicable WHO World Health Organization GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.4
KMA 2.3/12	Siegel, J.P.	2001	THE MAMMALIAN SAFETY OF BACILLUS THURINGIENSIS-BASED INSECTICIDES not available, not applicable Journal of invertebrate Pathology, 77, 13-21 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.4

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KMA 2.3/13	Wraight, C.L., Zangerl, A.R., Carroll, M.J., Berenbaum, M.R.	2000	ABSENCE OF TOXICITY OF BACILLUS THURINGIENSIS POLLEN TO BLACK SWALLOWTAILS UNDER FIELD CONDITIONS not available, not applicable Proc Natl Acad Sci USA, 97, 7700-7703 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.4
KMA 2.4/01	Griego, V.M., Spence, K.D.	1978	INACTIVATION OF BACILLUS THURINGIENSIS SPORES BY ULTRAVIOLET AND VISIBLE LIGHT not available, not applicable Applied and Environmental Microbiology, 35, 906-910 GLP/GEP: no Published: yes Submitted in: KMA 2.2.2/08	no	no	not protected	-	Y KIIM 2.3.2
KMA 2.4/02	Pusztai, M., Fast, P., Gringorten, L., Kaplan, H., Lessard, T., Carey, P.R.	1991	THE MECHANISM OF SUNLIGHT-MEDIATED INACTIVATION OF BACILLUS THURINGIENSIS CRYSTALS not available, not applicable Biochemical Journal, 273, 43-47 GLP/GEP: no Published: yes Submitted in: KMA 2.2.2/09	no	no	not protected	-	Y KIIM 2.3.2
KMA 2.4/03	World Health Organization	1999	ENVIRONMENTAL HEALTH CRITERIA 217 - MICROBIAL PEST CONTROL AGENT BACILLUS THURINGIENSIS not available, not applicable WHO World Health Organization GLP/GEP: no Published: yes Submitted in: KMA 2.3/11	no	no	not protected	-	Y KIIM 2.5
KMA 2.5/01	Bravo, A.	1997	not available, not applicable Journal of Bacteriology, 179, 2793-2801 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.5

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KMA 2.5/02	Estruch, J.J., Warren, G.W., Mullins, M.A., Nye, G.J., Craig, J.A., Koziel, M.G.	1996	VIP3A, A NOVEL BAC. THUR. VEGETATIVE INSECTICIDAL PROTEIN WITH A WIDE SPECTRUM OF ACTIVITIES AGAINST LEPIDOPTERAN INSECTS not available, not applicable Proc Natl Acad Sci USA, 93, 5389-5394 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.5
KMA 2.5/03	Yu, C.-G., Mullins, M.A., Warren, G.W., Koziel, M.G., Estruch, J.J.	1997	THE BACILLUS THURINGIENSIS VEGETATIVE INSECTICIDAL PROTEIN VIP3A Lyses MIDGUT EPITHELIUM CELLS OF SUSCEPTIBLE INSECTS not available, not applicable Applied and Environmental Microbiology, 63, 532-536 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.5
KMA 2.5/04	Selvapandyan, A., Aroora, N., Rajagopal, R., Jalali, S.K., Venkatesan, T., Singh, S.P., Bhatnagar, R.K.	2001	TOXICITY ANALYSIS OF N- AND C-TERMINUS-DELETED VEGETATIVE INSECTICIDAL PROTEIN FROM BACILLUS THURINGIENSIS not available, not applicable Applied and Environmental Microbiology, 67, 5855-5858 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.5
KMA 2.6/01	Drobniewski, F.A.	1993	BACILLUS CEREUS AND RELATED SPECIES not available, not applicable Clinical Microbiology Reviews, published by the American Society for Microbiology, 6, 324-338 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7
KMA 2.6/02	Anonymous	2004	ANTHRAX FACT SHEET not available, not applicable CFSPH Center for Food Security and Public Health, 1-4 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7

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KMA 2.6/03	Carlson, C.R., Johansen, T., Kolsto, A.B.	1996	THE CHROMOSOME MAP OF BAC. THUR. SUBSP. CANDENSIS HD224 IS HIGHLY SIMILAR TO THAT OF THE BAC. CEREUS TYPE STRAIN ATCC 14579 not available, not applicable FEMS Microbiology Letters, 141, 163-167 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7
KMA 2.6/04	Helgason, E., Okstad, O.A., Caugant, D.A., Johansen, H.A., Fouet, A., Mock, M., Hegna, I., Kolsto, A.B.	2000	BACILLUS ANTHRACIS, BACILLUS CEREUS, AND BACILLUS THURINGIENSIS-ONE SPECIES ON THE BASIS OF GENETIC EVIDENCE not available, not applicable Applied and Environmental Microbiology, 66, 2627-2630 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7
KMA 2.6/05	Schnepf, E., Crickmore, N., van Rie, J., Lereclus, D., Baum, J., Feitelson, J., Zeigler, D.R., Dean, D.H.	1998	BACILLUS THURINGIENSIS AND ITS PESTICIDAL CRYSTAL PROTEINS not available, not applicable Microbiol Mol Biol Rev, 62, 775-806 GLP/GEP: no Published: yes Submitted in: KMA 2.2.2/01	no	no	not protected	-	Y KIIM 2.7
KMA 2.6/06	Prüß, B.M., Dietrich, R., Nibler, B., Märtlbauer, E., Scherer, S.	1999	THE HEMOLYTIC ENTEROTOXIN HBL IS BROADLY DISTRIBUTED AMONG SPECIES OF THE BACILLUS CEREUS GROUP not available, not applicable Applied and Environmental Microbiology, 65, 5436-5442 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7
KMA 2.6/07	Guttmann, D.M., Ellar, D.J.	2000	PHENOTYPIC AND GENOTYPIC COMPARISONS OF 23 STRAINS FROM THE BACILLUS CEREUS COMPLEX FOR A SELECTION OF KNOWN AND PUTATIVE B. THURINGIENSIS VIRULENCE FACTORS not available, not applicable Ferdinand Enke Verlag Stuttgart, 188, 7-13 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 2.6/08	Ivanova, N., Sorokin, A., Anderson, I., Galleron, N., Candelon, B., Kapatral, V., Bhattacharyya, A., Reznik, G., Mikhailova, N., Lapidus, A., Chu, L., Mazur, M., Goltsman, E., Larsen, N., D'Souza, M., Walunas, T., Grechkin, Y., Pusch, G. 2003	2003	GENOME SEQUENCE OF BACILLUS CEREUS AND COMPARATIVE ANALYSIS WITH BACILLUS ANTHRACIS not available, not applicable Nature, 423, 87-91 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7
KMA 2.6/09	Kramer, J.M., Gilbert, R.J.	1989	BACILLUS CEREUS AND OTHER BACILLUS SPECIES not available, not applicable Foodborne Bacterial Pathogens, 21-70 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.1
KMA 2.6/10	Anonymous	2005	OPINION OF THE SCIENTIFIC PANEL OF BIOLOGICAL HAZARDS ON BACILLUS CEREUS AND OTHER BACILLUS SPP IN FOODSTUFFS not available, not applicable The EFSA Journal, 175, 1-48 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.1
KMA 2.6/11	Rosenquist, H., Smidt, L., Andersen, S.R., Jensen, G.B., Wilcks, A.	2005	OCCURRENCE AND SIGNIFICANCE OF BACILLUS CEREUS AND BACILLUS THURINGIENSIS IN READY-TO-EAT FOOD not available, not applicable FEMS Microbiology Letters, 250, 129-136 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.1

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KMA 2.6/12	Shinagawa, K., Konuma, H., Kurata, H., Tanabayashi K., Matsusaka, N.	1984	SURVEILLANCE OF RAW MEAT PRODUCTS AND MEAT-PRODUCT ADDITIVES FOR CONTAMINATION WITH BACILLUS CEREUS AND ENTEROTOXIGENICITY OF THE ISOLATED STRAINS not available, not applicable Journal of the Faculty of Agriculture, Iwate University, 17, 175-182 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.1
KMA 2.6/13	Okinaka, R.T., Cloud, K., Hampton, O., Hoffmaster, A.R., Hill, K.K., Keim, P., Koehler, T.M., Lamke, G., Kumano, S.K., Mahillon, J., Manter, D., Martinez, Y., Ricke, D., Svensson, R., Jackson, P.J.	1999	SEQUENCE AND ORGANIZATION OF PX01, THE LARGE BACILLUS ANTHRACIS PLASMID HARBORING THE ANTHRAX TOXIN GENES not available, not applicable Journal of Bacteriology, 181, 6509-6515 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2
KMA 2.6/14	Granum, P.E., Lund, T.	1997	BACILLUS CEREUS AND ITS FOOD POISONING TOXINS not available, not applicable FEMS Microbiology Letters, 157, 223-228 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2
KMA 2.6/15	Andersson, A., Granum, P.E., Rönner, U.	1998	THE ADHESION OF BACILLUS CEREUS SPORES TO EPITHELIAL CELLS MIGHT BE AN ADDITIONAL VIRULENCE MECHANISM not available, not applicable Int J Food Microbiology, 39, 93-99 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2
KMA 2.6/16	Beecher, D. J., Wong, A. C. L.	1994	IMPROVED PURIFICATION AND CHARACTERIZATION OF HEMOLYSIN BL, A HEMOLYTIC DERMONECROTIC VASCULAR PERMEABILITY FACTOR FROM BACILLUS CEREUS not available, not applicable Infect Immun, 62, 980-986 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2

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KMA 2.6/17	Beecher, D. J., Wong, A. C. L.	1997	TRIPARTITE HEMOLYSIN BL FROM BACILLUS CEREUS. HEMOLYTIC ANALYSIS OF COMPONENT INTERACTION AND MODEL FOR ITS CHARACTERISTIC PARADOXICAL ZONE PHENOMENON not available, not applicable Journal of Biological Chemistry, 272, 233-239 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2
KMA 2.6/18	Beecher, D.J., Schoeni, J.L., Wong, A.C.L.	1995	ENTEROTOXIC ACTIVITY OF HEMOLYSIN BL FROM BACILLUS CEREUS not available, not applicable Infect Immun, 63, 4423-4428 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2
KMA 2.6/19	Heinrichs, J.H., Beecher, D.J., MacMillan, J.D., Zilinskas, B.A.	1993	MOLECULAR CLONING AND CHARACTERIZATION OF THE HBLA GENE ENCODING THE B COMPONENT OF HEMOLYSIN BL FROM BACILLUS CEREUS not available, not applicable Journal of Bacteriology, 175, 6760-6766 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2
KMA 2.6/20	Ryan, P.A., Macmillan, J.D., Zilinskas, B.A.	1997	MOLECULAR CLONING AND CHARACTERIZATION OF THE GENES ENCODING THE L1 AND L2 COMPONENTS OF HEMOLYSIN BL FROM BACILLUS CEREUS not available, not applicable Journal of Bacteriology, 179, 2551-2556 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2
KMA 2.6/21	Beecher, D.J., Pulido J.S., Barney, N.P., Wong, A.C.L.	1995	EXTRACELLULAR VIRULENCE FACTORS IN BACILLUS CEREUS ENDOPHTHALMITIS: METHODS AND IMPLICATION OF INVOLVEMENT OF HEMOLYSIN BL not available, not applicable Infect Immun, 63, 632-639 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 2.6/22	Beecher, D. J., Macmillan, J. D.	1990	A NOVEL BICOMPONENT HEMOLYSIN FROM BACILLUS CEREUS not available, not applicable Infect Immun, 58, 2220-2227 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2
KMA 2.6/23	Beecher, D. J., Macmillan, J. D.	1991	CHARACTERIZATION OF THE COMPONENTS OF HEMOLYSIN BL FROM BACILLUS CEREUS not available, not applicable Infect Immun, 59, 1778-1784 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2
KMA 2.6/24	Agata, N., A., Ohta, M., Mori, M., Isobe, M.	1995	A NOVEL DODECADEPSIPEPTIDE, CEREULIDE, IS AN EMETIC TOXIN OF BACILLUS CEREUS not available, not applicable FEMS Microbiology Letters, 129, 17-20 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2
KMA 2.6/25	Lund, T., Granum, P.E.	1997	COMPARISON OF BIOLOGICAL EFFECT OF THE TWO DIFFERENT ENTEROTOXIN COMPLEXES ISOLATED FROM THREE DIFFERENT STRAINS OF BACILLUS CEREUS not available, not applicable Microbiology, 143, 3329-3336 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2
KMA 2.6/26	Hardy, S.P., Lund, T., Granum, P.E.	2001	CYTK TOXIN OF BACILLUS CEREUS FORMS PORES IN PLANAR LIPID BILAYERS AND IS CYTOTOXIC TO INTESTINAL EPITHELIA not available, not applicable FEMS Microbiology Letters, 197, 47-51 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2
KMA 2.6/27	Lund, T., Granum, P.E.	1996	CHARACTERISATION OF A NON-HAEMOLYTIC ENTEROTOXIN COMPLEX FROM BACILLUS CEREUS ISOLATED AFTER A FOODBORNE OUTBREAK not available, not applicable Ferdinand Enke Verlag Stuttgart, 141, 151-156 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2

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KMA 2.6/28	Lund, T., De Buyser, M.L., Granum, P.E.	2000	A NEW CYTOTOXIN FROM BACILLUS CEREUS THAT MAY CAUSE NECROTIC ENTERITIS not available, not applicable Mol Microbiol, 38, 254-261 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2
KMA 2.6/29	Granum, P.E.	2001	BACILLUS CEREUS not available, not applicable Food Microbiology, 373-381 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2
KMA 2.6/30	Turnbull, P.C.B.	2005	BACILLUS not available, not applicable Internet, http://gsbs.utmb.edu/microbook/ch015.htm GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2
KMA 2.6/31	Agata, N., Mori, M., Ohta, M., Suwan, S., Ohtani, I., Isobe, M.	1994	A NOVEL DODECADEPSIPEPTIDE, CEREULIDE, ISOLATED FROM BACILLUS CEREUS CAUSES VACUOLE FORMATION IN HEP-2 CELLS not available, not applicable FEMS Microbiology Letters, 121, 31-34 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2
KMA 2.6/32	Mikkola, R., Saris, N.E.L., Grigoriev, P.A., Anderson, M.A., Salkinoja-Salonen, M.S.	1999	IONOPHORETIC PROPERTIES AND MITOCHONDRIAL EFFECTS OF CEREULIDE- THE EMETIC TOXIN OF B. CEREUS not available, not applicable Eur J Biochem, 263, 112-117 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2
KMA 2.6/33	Jackson, S.G., Goodbrand, R.B., Ahmed, R., Kasatiya, S.	1995	BACILLUS CEREUS AND BACILLUS THURINGIENSIS ISOLATED IN A GASTROENTERITIS OUTBREAK INVESTIGATION not available, not applicable Lett Appl Microbiol, 21, 103-105 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2

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KMA 2.6/34	Damgaard, P.H., Granum, P.E., Bresciani, J., Torregrossa, M.V., Eilenberg, J., Valentino, L.	1997	CHARACTERIZATION OF BACILLUS THURINGIENSIS ISOLATED FROM INFECTIONS IN BURN WOUNDS not available, not applicable FEMS Immunol Med Microbiol, 18, 47-53 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2
KMA 2.6/35	Siegel, J.P.	2001	THE MAMMALIAN SAFETY OF BACILLUS THURINGIENSIS-BASED INSECTICIDES not available, not applicable Journal of invertebrate Pathology, 77, 13-21 GLP/GEP: no Published: yes Submitted in: KMA 2.3/12	no	no	not protected	-	Y KIIM 2.7.2
KMA 2.6/36	González, J.M., Brown, B.J., Carlton, B.C.	1982	TRANSFER OF BACILLUS THURINGIENSIS PLASMIDS CODING FOR DELTA-ENDOTOXIN AMONG STRAINS OF B. THURINGIENSIS AND B. CEREUS not available, not applicable Proc Natl Acad Sci USA, 79, 6951-6955 GLP/GEP: no Published: yes Submitted in: KMA 2.1/10	no	no	not protected	-	Y KIIM 2.7.2
KMA 2.6/37	Hansen, B.M., Damgaard, P.H., Eilenberg, J., Pedersen, J.C.	1998	MOLECULAR AND PHENOTYPIC CHARACTERIZATION OF BACILLUS THURINGIENSIS ISOLATED FROM LEAVES AND INSECTS not available, not applicable Journal of invertebrate Pathology, 71, 106-114 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2
KMA 2.6/38	Valadares de Amorim, G., Whittome, B., Shore, B., Levin, D.B.	2001	IDENTIFICATION OF BACILLUS THURINGIENSIS SUBSP. KURSTAKI STRAIN HD1-LIKE BACTERIA FROM ENVIRONMENTAL AND HUMAN SAMPLES AFTER AERIAL SPRAYING OF VICTORIA, BRITISH COLUMBIA, CANADA, WITH FORAY 48B not available, not applicable Applied and Environmental Microbiology, 67, 1035-1043 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.7.2

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KMA 2.6/01 (KMA 2.6/39)	Guinebre- tière, M.-H., Thompson, F.L., Sorokin, A., Normand, P., Dawyndt, P., Ehling- Schulz, M., Svensson, B., Sanchis, V., Nguyen-The, C., Heyndrickx, M., De Vos, P.	2008	ECOLOGICAL DIVERSIFICATION IN THE BACILLUS CEREUS GROUP not available, not applicable Environmental Microbiology, 10, 851-865 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 2.6/02 (KMA 2.6/40)	Guinebre- tière, M.-H., Velge, P., Couvert, O., Carlin, F., Debuyser, M.-L., Nguyen-The, C.	2010	ABILITY OF BACILLUS CEREUS GROUP STRAINS TO CAUSE FOOD POISONING VARIES ACCORDING TO PHYLOGENETIC AFFILIATION (GROUPS I TO VII) RATHER THAN SPECIES AFFILIATION not available, not applicable Journal of Clinical Microbiology, 48, 3388-3391 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 2.6/03 (KMA 2.6/41)	Tourasse, N.J., Hel- gason, E., Klevan, A., Sylvestre, P., Moya, M., Haustant, M., Okstad, O.A., Fouet, A., Mock, M., Kolsto, A.-B.	2011	EXTENDED AND GLOBAL PHYLOGENETIC VIEW OF THE BACILLUS CEREUS GROUP POPULATION BY COMBINATION OF MLST, AFLP, AND MLEE GENOTYPING DATA not available, not applicable Food Microbiology, 28, 236-244 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 2.7/01	González, J.M., Brown, B.J., Carlton, B.C.	1982	TRANSFER OF BACILLUS THURINGIENSIS PLASMIDS CODING FOR DELTA-ENDOTOXIN AMONG STRAINS OF B. THURINGIENSIS AND B. CEREUS not available, not applicable Proc Natl Acad Sci USA, 79, 6951-6955 GLP/GEP: no Published: yes Submitted in: KMA 2.1/10	no	no	not protected	-	Y KIIM 2.10

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KMA 2.7/02	Carlton, B.C.	1993	GENETICS OF BT INSECTICIDAL CRYSTAL PROTEINS AND STRATEGIES FOR THE CONSTRUCTION OF IMPROVED STRAINS not available, not applicable American Chemical Society, 326-334 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.10
KMA 2.7/03	Adang, M.J.	1991	BACILLUS THURINGIENSIS INSECTICIDAL CRYSTAL PROTEINS: GENE STRUCTURE, ACTION AND UTILIZATION not available, not applicable Biotechnology for Biological Control of Pests and Vectors, Publisher: CRC Press, 3-24 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.10
KMA 2.7/04	Thomas, D.J.I., Morgan, J.A.W., Whipps, J.M., Saunders, J.R.	2000	PLASMID TRANSFER BETWEEN THE BACILLUS THURINGIENSIS SUBSPECIES KURSTAKI AND TENEBRIONIS IN LABORATORY CULTURE AND SOIL AND IN LEPIDOPTERAN AND COLEOPTERAN LARVAE not available, not applicable Applied and Environmental Microbiology, 66, 118-124 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.10
KMA 2.7/05	Vilas-Bôas, L.A., Vilas-Bôas, G.F.L.T., Saridakis, H.O., Lemos, M.V.F., Lereclus, D., Arantes O.M.N.	2000	SURVIVAL AND CONJUGATION OF BACILLUS THURINGIENSIS IN A SOIL MICROCOSM not available, not applicable FEMS Microbiol Ecol, 31, 255-259 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.10
KMA 2.7/06	Furlaneto, L., Saridakis, H.O., Arantes, O.M.N.	2000	SURVIVAL AND CONJUGAL TRANSFER BETWEEN BACILLUS THURINGIENSIS STRAINS IN AQUATIC ENVIRONMENT not available, not applicable Brazilian Journal of Microbiology, 31, 233-238 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.10

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KMA 2.7/07	Jarrett, P., Stephenson, M.	1990	PLASMID TRANSFER BETWEEN STRAINS OF BACILLUS THURINGIENSIS INFECTING GALLERIA MELLONELLA AND SPODOPTERA LITTOREALIS not available, not applicable Applied and Environmental Microbiology, 56, 1608-1614 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.10
KMA 2.7/08	Andrup, L., Smidt, L., Andersen, K., Boe, A.	1998	KINETICS OF CONJUGATIVE TRANSFER: A STUDY OF THE PLASMID PXO16 FROM BACILLUS THURINGIENSIS SUBSP. ISRAELENSIS not available, not applicable Plasmid, 40, 30-43 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.10
KMA 2.7/09	Vilas-Bôas, G.F.L.T., Vilas-Bôas, L.A., Lereclus D., Arantes, O.M.N.	1998	BACILLUS THURINGIENSIS CONJUGATION UNDER ENVIRONMENTAL CONDITIONS not available, not applicable FEMS Microbiol Ecol, 25, 369-374 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.10
KMA 2.7/10	van Elsas, J. D., Govaert, J. M., van Veen, J. A.	1987	TRANSFER OF PLASMID PFT30 BETWEEN BACILLI IN SOIL AS INFLUENCED BY BACTERIAL POPULATION DYNAMICS AND SOIL CONDITIONS not available, not applicable Soil Biol Biochem, 19 (5), 639-647 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.10
KMA 2.7/11	Haack, B.J., Andrews, R.E., Loynachan, T.E.	1996	TN916-MEDIATED GENETIC EXCHANGE IN SOIL not available, not applicable Soil Biol Biochem, 28 (6), 765-771 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.10
KMA 2.7/12	Vilas-Bôas, G., Sanchis, V., Lereclus, D., Lemos, M.V.F., Bourguet, D.	2002	GENETIC DIFFERENTIATION BETWEEN SYMPATRIC POPULATIONS OF BACILLUS CEREUS AND BACILLUS THURINGIENSIS not available, not applicable Applied and Environmental Microbiology, 68, 1414-1424 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.10

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KMA 2.7/13	Duncan, K.E., Ferguson, N., Kimura, K., Zhou, X., Istock, C.A.	1994	FINE-SCALE GENETIC AND PHENOTYPIC STRUCTURE IN NATURAL POPULATIONS OF BACILLUS SUBTILIS AND BACILLUS LICHENIFORMIS: IMPLICATIONS FOR BACTERIAL EVOLUTION AND SPECIATION not available, not applicable Evolution, 48, 2002-2025 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.10
KMA 2.7/14	Helgason, E., Caugant, D.A., Lecadet, M.M., Chen, Y., Mahillon, J., Lövgren, A., Hegna, I., Kvaloy, K., Kolsto, A.B.	1998	GENETIC DIVERSITY OF BACILLUS CEREUS/BACILLUS THURINGIENSIS ISOLATES FROM NATURAL SOURCES not available, not applicable Current Microbiology, 37, 80-87 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.10
KMA 2.7/15	Battisti, L., Green, B.D., Thorne, C.B.	1985	MATING SYSTEM FOR TRANSFER OF PLASMIDS AMONG BACILLUS ANTHRACIS, BACILLUS CEREUS AND BACILLUS THURINGIENSIS not available, not applicable Journal of Bacteriology, 162, 543-550 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 2.10
KMA 2.7/01 (KMA 2.7/16)	Süß, J.	2016	LITERATURE REVIEW ON BACILLUS THURINGIENSIS SUBSP. AIZAWAI STRAIN GC-91 BIOLOGICAL PROPERTIES Certis USA LLC, 2281385_MA_02_01 GAB Consulting GmbH, Heidelberg, Germany GLP/GEP: no Published: no	no	yes	New data for active ingredient, not previously submitted nor evaluated	CEU	N
KMA 2.7/02 (KMA 2.7/17)	Bizzari, M.F., Bishop, A.H.	2007	THE ECOLOGY OF BACILLUS THURINGIENSIS ON THE PHYLLOPLANE: COLONIZATION FROM SOIL, PLASMID TRANSFER, AND INTERACTION WITH LARVAE OF PIERIS BRASSICAE not available, not applicable Microb Ecol, 56, 133-139 GLP/GEP: no Published: yes	no	no	not protected	-	N

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KMA 2.7/03 (KMA 2.7/18)	Yuan, Y.M., Hu, X.M., Liu, H.Z., Hansen, B.M., Yan, J.P., Yuan, Z.M.	2007	KINETICS OF PLASMID TRANSFER AMONG BACILLUS CEREBUS GROUP STRAINS WITHIN LEPIDOPTERAN LARVAE not available, not applicable Archives of Microbiology, 187, 425-431 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 2.7/04 (KMA2.7/19)	Santos, C.A., Vilas-Boas, G.T., Lereclus, D., Suzuki, M.T., Angelo, E.A., Arantes, O.M.N.	2010	CONJUGAL TRANSFER BETWEEN BACILLUS THURINGIENSIS AND BACILLUS CEREBUS STRAINS IS NOT DIRECTLY CORRELATED WITH GROWTH OF RECIPIENT STRAINS not available, not applicable Journal of Invertebrate Pathology, 105, 171-175 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 2.7/05 (KMA 2.7/20)	Donnarumma, F., Paffetti, D., Stotzky, G., Giannini, R., Vettori, C.	2010	POTENTIAL GENE EXCHANGE BETWEEN BACILLUS THURINGIENSIS SUBSP. KURSTAKI AND BACILLUS SPP. IN SOIL IN SITU not available, not applicable Soil Biology and Biochemistry, 42, 1329-1337 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 2.8/01	World Health Organization	1999	ENVIRONMENTAL HEALTH CRITERIA 217 - MICROBIAL PEST CONTROL AGENT BACILLUS THURINGIENSIS not available, not applicable WHO World Health Organization GLP/GEP: no Published: yes Submitted in: KMA 2.3/11	no	no	not protected	-	Y KIIM 2.6
KMA 2.8/01 (KMA 2.8/03)	Palma, L., Munoz, D., Berry, C., Murillo, J., Caballero, P.	2014	BACILLUS THURINGIENSIS TOXINS: AN OVERVIEW OF THEIR BIOCIDAL ACTIVITY not available, not applicable Toxins, 6, 3296-3325 GLP/GEP: no Published: yes Submitted in: KMA 2.2.2/01	no	no	not protected	-	N

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KMA 2.8/02 (KMA 2.8/04)	Onose, J.-I., Imai, T., Hsumura, M., Ueda, M., Ozeki, Y., Hirose, M.	2008	EVALUATION OF SUBCHRONIC TOXICITY OF DIETARY ADMINISTERED CRY1AB PROTEIN FROM BACILLUS THURINGIENSIS VAR KURSTAKI HD-1 IN F344 MALE RATS WITH CHEMICALLY INDUCED GASTROINTESTINAL IMPAIRMENT not available, not applicable Food Chem Toxicol, 46, 2184-2189 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 2.8/03 (KM; 2.8/05)	Shimada, N., Miyamoto, K., Kanda, K., Murata, H.	2006	BACILLUS THURINGIENSIS INSECTICIDAL CRY1AB TOXIN DOES NOT AFFECT THE MEMBRANE INTEGRITY OF THE MAMMALIAN INTESTINAL EPITHELIAL CELLS: AN IN VITRO STUDY not available, not applicable In Vitro Cellular & Developmental Biology - Animal, 42, 45-49 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 2.8/04 (KMA 2.8/06)	Obeidat, M., Khyami-Horani, H., Al-Momani, F.	2012	TOXICITY OF BACILLUS THURINGIENSIS BETA-EXOTOXINS AND DELTA-ENDOTOXINS TO DROSOPHILA MELANOGASTER, EPHESTIA KUHNIELLA AND HUMAN ERYTHROCYTES. not available, not applicable African Journal of Biotechnology, 11(46), 10504-10512 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 2.8/05 (KMA 2.8/07)	Berlitz, D.S., Giovenardi, M., Fiuza, L.M.	2006	TOXICOLOGY EFFECTS OF DELTA-ENDOTOXINS AND BETA-EXOTOXINS OF BACILLUS THURINGIENSIS IN WISTAR RATS not available, not applicable Neotropical Biology and Conservation, 1(1), pp. 35-38 GLP/GEP: no Published: yes	no	no	not protected	-	N
	Raymond, B. and Federici, B.A.	2017	In defence of <i>Bacillus thuringiensis</i> , the safest and most successful microbial insecticide available to humanity—a response to EFSA <i>FEMS Microbiology Ecology</i> , 93, 2017, fix084	no	no	not protected	-	RMS

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KMA 2.8/06 (KMA 2.8/08)	Kim, M.J., Han, J.K., Park, J.S., Lee, J.S., Lee, S.H., Cho, J.I., Kim, K.S.	2015	VARIOUS ENTEROTOXIN AND OTHER VIRULENCE FACTOR GENES WIDESPREAD AMONG BACILLUS CEREUS AND BACILLUS THURINGIENSIS STRAINS not available, not applicable Microbial Biotechnology, 25(6), pp. 872-879 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 2.8/07 (KMA 2.8/09)	Wilcks, A., Hansen, B.M., Hendriksen, N.B., Licht, T.R.	2006a	PERSISTENCE OF BACILLUS THURINGIENSIS BIOINSECTICIDES IN THE GUT OF HUMAN-FLORA-ASSOCIATED RATS not available, not applicable FEMS Immunol Med Microbiol, 48, pp. 410-418 GLP/GEP: no Published: yes	yes	no	not protected	-	N
KMA 2.8/08 (KMA 2.8/10)	Du, C., Nickerson, K.W.	1996	BACILLUS THURINGIENSIS HD-73 SPORES HAVE SURFACE-LOCALIZED CRY1AC TOXIN: PHYSIOLOGICAL AND PATHOGENIC CONSEQUENCES not available, not applicable Applied and Environmental Microbiology, 62, 3722-3726 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 2.8/09 (KMA 2.8/11)	Abdoarahem, M.M., Gammon, K., Dancer, B.N., Berry, C.	2009	GENETIC BASIS FOR ALKALINE ACTIVATION OF GERMINATION IN BACILLUS THURINGIENSIS SUBSP. ISRAELENIS not available, not applicable Applied and Environmental Microbiology, 75, 6410-6413 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 2.8/10 (KMA 2.8/12)	King, P.J.H., Ong, K.H., Sipeen, P., Mahadi, N.M.	2012	TOXICITY OF LOCAL MALAYSIAN BACILLUS THURINGIENSIS SUBSPECIES KURSTAKI AGAINST PLUTELLA XYLOSTELLA not available, not applicable African Journal of Biotechnology, 11, 11925 - 11930 GLP/GEP: no Published: yes	no	no	not protected	-	N

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KMA 2.8/11 (KMA 2.8/13)	Hansen, B.M., Thorsen, L., Nielsen-LeRoux, C., Wilcks, A., Hendriksen N.B.,	2011	NEW EXPERIMENTAL APPROACHES FOR HUMAN RISK ASSESSMENT OF MICROBIAL PEST CONTROL AGENTS - EXEMPLIFIED BY THE BACTERIUM BACILLUS THURINGIENSIS not available, not applicable Danish EPA Pesticides Research, 136 2011, 1-128 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 2.8/12 (KMA 2.8/14)	Wilcks, A., Hansen, B.M., Hendriksen, N.B., Licht, T.R.	2006b	FATE AND EFFECT OF INGESTED BACILLUS CEREUS SPORES AND VEGETATIVE CELLS IN THE INTESTINAL TRACT OF HUMAN-FLORA-ASSOCIATED RATS not available, not applicable FEMS Immunol Med Microbiol, 46, 70-77 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 2.8/13 (KMA 2.8/15)	Ceuppens, S., Uyttendaele, M., Driessens, K., Heyndrickx, M., Rajkovic, A., Boon, N., Van de Wiele, T.	2012	SURVIVAL AND GERMINATION OF BACILLUS CEREUS SPORES WITHOUT OUTGROWTH OR ENTEROTOXIN PRODUCTION DURING IN VITRO SIMULATION OF GASTROINTESTINAL TRANSIT not available, not applicable Applied and Environmental Microbiology, 78, 7698-7705 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 2.8/14 (KMA 2.8/16)	Ceuppens, S., Van de Wiele, T., Rajkovic, A., Ferrer, Cabaceran, T., Heyndrickx, M., Boon, N., Uyttendaele, M.	2012	IMPACT OF INTESTINAL MICROBIOTA AND GASTROINTESTINAL CONDITIONS ON THE IN VITRO SURVIVAL AND GROWTH OF BACILLUS CEREUS not available, not applicable Int J Food Microbiology, 155, 241-246 GLP/GEP: no Published: yes	no	no	not protected	-	N

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 2.8/15 (KMA 2.8/17)	Auger, S., Ramarao, N., Faille, C., Fouet, A., Aymerich S., Gohar, M.	2009	BIOFILM FORMATION AND CELL SURFACE PROPERTIES AMONG PATHOGENIC AND NONPATHOGENIC STRAINS OF THE BACILLUS CEREUS GROUP not available, not applicable Applied and Environmental Microbiology, 75, 6616-6618 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 2.8/16 (KMA 2.8/18)	Phelps, R.J., McKillip, J.L.	2002	ENTEROTOXIN PRODUCTION IN NATURAL ISOLATES OF BACILLACEAE OUTSIDE THE BACILLUS CEREUS GROUP not available, not applicable Applied and Environmental Microbiology, 68, 3147-3151 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 2.8/17 (KMA 2.8/19)	Damgaard, P.H.	1995	DIARRHOEAL ENTEROTOXIN PRODUCTION BY STRAINS OF BACILLUS THURINGIENSIS ISOLATED FROM COMMERCIAL BACILLUS THURINGIENSIS-BASED INSECTICIDES not available, not applicable FEMS Immunol Med Microbiol, 12, 245-250 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 2.9/01	Barbera, P.W.	1993	NCCLS STANDARDIZED DISK SUSCEPTIBILITY TEST OF CGA-237218 TECHNICAL (BACILLUS THURINGIENSIS VAR. STRAIN GC-91) Certis USA LLC, CG-5 IIT Res. Inst. Life Scie.Operation, Chicago 60616-3799, USA GLP: yes Published: no	no	no	not protected	CEU	Y KIIM 2.12
KMA 2.9/01 (KMA 2.9/02)	Cheng, M., Chen, C.-Y.	2016	ANTIBIOTICS SENSITIVITY OF CONDOR STRAIN EG 2348 AND TUREX STRAIN GC-91 Certis USA LLC, not stated Certis U.S.A., L.L.C., Columbia, Maryland GLP/GEP: no Published: no	no	yes	New data for active ingredient, not previously submitted nor evaluated	CEU	N

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMP 2.1/01	Anonymous	2005	MATERIAL SAFETY DATA SHEET - AGREE 50 WP Certis USA LLC, not applicable Supplier GLP/GEP: no Published: no	no	no	not protected	CEU	Y KIIM 2.1
KMP 2.1/01 (KMP 2.1/02)	Aversa, S.	2013	PHYSICO-CHEMICAL PROPERTIES OF PRODUCT AGREE WG AFTER 2 YEARS SHELF LIFE Certis Europe B.V., NL, BT067/11 Biotechnologie BT Srl, Fraz. Pantalla, Italy GLP: yes Published: no	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N
KMP 2.2/01 (KMP 2.2./03)	Aversa, S.	2013	PHYSICO-CHEMICAL PROPERTIES OF PRODUCT AGREE WG AFTER 2 YEARS SHELF LIFE Certis Europe B.V., NL, BT067/11 Biotechnologie BT Srl, Fraz. Pantalla, Italy GLP: yes Published: no Submitted in: KMP 2.1/01	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N
KMP 2.2/02 (KMP 2.2/04)	Aversa, S.	2011a	PHYSICAL-CHEMICAL PROPERTIES OF PRODUCT AGREE WG BEFORE AND AFTER ACCELERATED STORAGE AT 30 ± 2°C FOR 18 WEEKS Certis Europe B.V., NL, BT066/11 Biotechnologie BT Srl, Fraz. Pantalla, Italy GLP: yes Published: no	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N
KMP 2.2/03 (KMP 2.2/05)	Chen, C.-Y.	2012	STORAGE STABILITY OF AGREE WG Certis USA LLC, not available [REDACTED] GLP/GEP: no Published: no	no	yes	New data for existing formulation, not previously submitted nor evaluated	CEU	N

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMP 2.2/04 (KMP 2.2/06) 1. additional submission	Gallager, S.	2013	STATEMENT ON PACKAGING AGREE 50 WG Certis USA LLC, not applicable not available GLP/GEP: no Published: no	no	yes	New data for existing formulation, not previously submitted nor evaluated	CEU	N
KMP 2.3/01 (KMP 2.3/02)	Ahrens, A.	2011 a	AGREE WG BATCH NO.: 4093650 EXPLOSIVE PROPERTIES A.14 (OPPTS 830.6316) Certis Europe B.V., NL, 20110112.02 Siemens AG, Prozess-Sicherheit, Frankfurt am Main, Germany GLP: yes Published: no	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N
KMP 2.3/02 (KMP 2.3/03)	Ahrens, A.	2011 b	AGREE WG BATCH NO.: 4093650 OXIDIZING PROPERTIES A.17 Certis Europe B.V., NL, 20110112.04 Siemens AG, Prozess-Sicherheit, Frankfurt am Main, Germany GLP: yes Published: no	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N
KMP 2.4/01 (KMP 2.4/03)	Ahrens, A.	2011 c	AGREE WG BATCH NO.: 4093650 FLAMMABILITY (SOLIDS) A.10 Certis Europe B.V., NL, 20110112.01 Siemens AG, Prozess-Sicherheit, Frankfurt am Main, Germany GLP: yes Published: no	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N
KMP 2.4/02 (KMP 2.4/04)	Ahrens, A.	2011 d	AGREE WG BATCH NO.: 4093650 AUTO-FLAMMABILITY (SOLIDS-DETERMINATION OF RELATIVE SELF-IGNITION TEMPERATURE) A.16 Certis Europe B.V., NL, 20110112.03 Siemens AG, Prozess-Sicherheit, Frankfurt am Main, Germany GLP: yes Published: no	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMP 2.5/01 (KMP 2.5/02)	Aversa, S.	2013	PHYSICO-CHEMICAL PROPERTIES OF PRODUCT AGREE WG AFTER 2 YEARS SHELF LIFE Certis Europe B.V., NL, BT067/11 Biotechnologie BT Srl, Fraz. Pantalla, Italy GLP: yes Published: no Submitted in: KMP 2.1/01	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N
KMP 2.7.1/01 (KMP 2.7.1/02)	Aversa, S.	2013	PHYSICO-CHEMICAL PROPERTIES OF PRODUCT AGREE WG AFTER 2 YEARS SHELF LIFE Certis Europe B.V., NL, BT067/11 Biotechnologie BT Srl, Fraz. Pantalla, Italy GLP: yes Published: no Submitted in: KMP 2.1/01	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N
KMP 2.7.2/01 (KMP 2.7.2/02)	Aversa, S.	2011 b	PHYSICAL-CHEMICAL PROPERTIES: FLOWABILITY, BULK DENSITY AND PERSISTENT FOAMING OF PRODUCT AGREE WG Certis Europe B.V., NL, BT065/11 Biotechnologie BT Srl, Fraz. Pantalla, Italy GLP: yes Published: no	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N
KMP 2.7.3/01 (KMP 2.7.3/02)	Aversa, S.	2013	PHYSICO-CHEMICAL PROPERTIES OF PRODUCT AGREE WG AFTER 2 YEARS SHELF LIFE Certis Europe B.V., NL, BT067/11 Biotechnologie BT Srl, Fraz. Pantalla, Italy GLP: yes Published: no Submitted in: KMP 2.1/01	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N
KMP 2.7.5/01 (KMP 2.7.5/02)	Aversa, S.	2013	PHYSICO-CHEMICAL PROPERTIES OF PRODUCT AGREE WG AFTER 2 YEARS SHELF LIFE Certis Europe B.V., NL, BT067/11 Biotechnologie BT Srl, Fraz. Pantalla, Italy GLP: yes Published: no Submitted in: KMP 2.1/01	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMP 2.7.7/01	Aversa, S.	2011 b	PHYSICAL-CHEMICAL PROPERTIES: FLOWABILITY, BULK DENSITY AND PERSISTENT FOAMING OF PRODUCT AGREE WG Certis Europe B.V., NL, BT065/11 Biotechnologie BT Srl, Fraz. Pantalla, Italy GLP: yes Published: no Submitted in: KMP 2.7.2/01	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N

A.3 Data on application

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 3.5/01	Schnepf, E., Crickmore, N., van Rie, J., Lereclus, D., Baum, J., Feitelson, J., Zeigler, D.R., Dean, D.H.	1998	BACILLUS THURINGIENSIS AND ITS PESTICIDAL CRYSTAL PROTEINS not available, not applicable Microbiol Mol Biol Rev, 62, 775-806 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 3.6
KMA 3.5/02	Tabashnik, B.E.	1994	EVOLUTION OF RESISTANCE TO BACILLUS THURINGIENSIS not available, not applicable Annual Review of Entomology, 39, 47-79 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 3.6
KMA 3.5/03	Janmaat, A.F., Myers, J.	2003	RAPID EVOLUTION AND THE COST OF RESISTANCE TO BACILLUS THURINGIENSIS IN GREENHOUSE POPULATIONS OF CABBAGE LOOPERS, TRICHOPLUSIA NI. not available, not applicable Proc Royal Soc London, 270, 2263-2270 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 3.6
KMA 3.5/04	Ferré, J., Real, M.D., van Rie, J., Jansens, S., Peferoen, M.	1991	RESISTANCE TO THE BACILLUS THURINGIENSIS INSECTICIDE IN A FIELD POPULATION OF PLUTELLA XYLOSTELLA IS DUE TO A CHANGE IN A MIDGUT MEMBRANE RECEPTOR not available, not applicable Proc Natl Acad Sci USA, 88, 5119-5123 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 3.6

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 3.5/05	Herrero, S., Gechev, T., Bakker, P.L., Moar, W.J., de Maagd, R.A.	2005	BACILLUS THURINGIENSIS CRY1CA-RESISTANT SPODOPTORA EXIGUA LACKS EXPRESSION OF ONE OF FOUR AMINOPEPTIDASE N GENES not available, not applicable BMC Genomics, Journals, 6:96 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 3.6
KMA 3.5/06	Gilliland, A., Chambers, C.E., Bone E.J., Ellar D.J.	2002	ROLE OF BACILLUS THURINGIENSIS CRY1 DELTA ENDOTOXIN BINDING IN DETERMINING POTENCY DURING LEPIDOPTERAN LARVAL DEVELOPMENT not available, not applicable Applied and Environmental Microbiology, Apr, 1509-1515 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 3.6
KMA 3.5/07	McGaughey, W.H.	1990	INSECT RESISTANCE TO BACILLUS THURINGIENSIS DELTA-ENDOTOXINS not available, not applicable New Directions in biological control, 583-598 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 3.6
KMA 3.5/08	McGaughey, W.H., Whalon, M.E.	1992	MANAGING INSECT RESISTANCE TO BACILLUS THURINGIENSIS TOXINS not available, not applicable Science, 258, 1451-1455 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 3.6

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 3.5/09	Aronson, A.I., Han, E.-S., McGaughey, W., Johnson, D.	1991	THE SOLUBILITY OF INCLUSION PROTEINS FROM BACILLUS THURINGIENSIS IS DEPENDENT UPON PROTOXIN COMPOSITION AND IS FACTOR IN TOXICITY TO INSECTS not available, not applicable Applied and Environmental Microbiology, 57, 981-986 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 3.6
KMA 3.5/10	Jaquet, F., Hütter, R., Lüthy, P.	1987	SPECIFICITY OF BACILLUS THURINGIENSIS DELTA-ENDOTOXIN not available, not applicable Applied and Environmental Microbiology, Mar, 500-504 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 3.6
KMA 3.5/11	Janmaat, A.F., Wang, P., Kain, W., Zhao, J.Z., Myers, J.	2004	INHERITANCE OF RESISTANCE TO BACILLUS THURINGIENSIS SUBSP. KURSTAKI IN TRICHOPLUSIA NI not available, not applicable Applied and Environmental Microbiology, Oct, 5859-5867 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 3.6
KMA 3.5/12	Herrero, S., Oppert, B., Ferré, J.	2001	DIFFERENT MECHANISMS OF RESISTANCE TO BACILLUS THURINGIENSIS TOXINS IN THE INDIANMEAL MOTH not available, not applicable Applied and Environmental Microbiology, Mar, 1085-1089 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 3.6

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 3.5/13	Sayyed, A.H., Raymond, B., Ibi-za-Palacios, M.S., Escriche, B., Wright, D.J.	2004	GENETIC AND BIO-CHEMICAL CHARACTERIZATION OF FIELD-EVOLVED RESISTANCE TO BACILLUS THURINGIENSIS TOXIN CRY1AC IN THE DIAMONDBACK MOTH PLUTELLA XYLOSTELLA not available, not applicable Applied and Environmental Microbiology, Dec, 7010-7017 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 3.6
KMA 3.5/14	Wright, D.J., Iqbal, M., Granero, F., Ferré, J	1997	A CHANGE IN A SINGLE MIDGUT RECEPTOR IN THE DIAMONDBACK MOTH (PLUTELLA XYLOSTELLA) IS ONLY IN PART RESPONSIBLE FOR FIELD RESISTANCE TO BACILLUS THURINGIENSIS SUBSP. KURSTAKI AND BACILLUS THURINGIENSIS SUBSP. AIZAWAI not available, not applicable Applied and Environmental Microbiology, May, 1814-1819 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 3.6
KMA 3.5/15	Zhao, J.-Z., Collins, H.L., Tang, J.D., Cao, J., Earle, E.D., Roush, R.T., Herrero, S., Escriche, B., Ferré, J. and Shelton, A.M.	2000	DEVELOPMENT AND CHARACTERIZATION OF DIAMONDBACK MOTH RESISTANCE TO TRANSGENIC BROCCOLI EXPRESSING HIGH LEVELS OF CRY1C not available, not applicable Applied and Environmental Microbiology, Sep. 3784-3789 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 3.6

Data point CADDY (ongoing number- ing)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 3.5/16	Liu, Y.-B., Tabashnik, B.E., Meyer, S.K., Crickmore, N.	2001	CROSS- RESISTANCE AND STABILITY OF RE- SISTANCE TO BA- CILLUS THURIN- GIENSIS TOXIN CRY1C IN DIA- MONDBACK MOTH not available, not ap- plicable Applied and Environ- mental Microbiology, Jul, 3216-3219 GLP/GEP: no Published: yes	no	no	not pro- tected	-	Y KIIM 3.6
KMA 3.5/17	Moar, W.J., Pusztai-Carey, M., van Faassen, H., Bosch, D., Frutos, R., Rang, C., Luo, K., Adang, M.J.	1995	DEVELOPMENT OF BACILLUS THU- RINGIENSIS CRYIC RESISTANCE BY SPODOPTERA EX- IGUA (HÜBNER) (LEPIDOPTERA: NOCTUIDAE) not available, not ap- plicable Applied and Environ- mental Microbiology, Jun, 2086-2092 GLP/GEP: no Published: yes	no	no	not pro- tected	-	Y KIIM 3.6
KMA 3.5/18	Gould, F., Mar- tinez-Ramirez, A., Anderson, A., Fer- ré, J., Silvat, F.J., Moar, W.J.	1992	BROAD-SPECTRUM RESISTANCE TO BACILLUS THU- RINGIENSIS TOX- INS IN HELIOTHIS VIRESCENS not available, not ap- plicable Proc Natl Acad Sci USA, 89, 7986-7990 GLP/GEP: no Published: yes	no	no	not pro- tected	-	Y KIIM 3.6

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 3.5/19	Tabashnik, B.E., Malvar, T., Liu, Y.B., Finson, N., Borthakur, D., Shin, B.S., Park, S.H., Masson, L., deMaagd, R.A., Bosch, D.	1996	CROSS-RESISTANCE OF THE DIAMOND-BACK MOTH INDICATES ALTERED INTERACTIONS WITH DOMAIN II OF BACILLUS THURINGIENSIS TOXINS not available, not applicable Applied and Environmental Microbiology, Aug, 2839-2844 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 3.6
KMA 3.5/20	Tabashnik, B.E., Liu, Y.B., Malvar, T., Heckel, D.G., Masson, L., Ferré, J.	1998	INSECT RESISTANCE TO BACILLUS THURINGIENSIS: UNIFORM OR DIVERSE? not available, not applicable Phil. Trans. R. Soc. B., The Royal Society Publishing, B 353, 1751-1756 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 3.6
KMA 3.5/21	Whalon, M.E., Norris, D.L.	1996	RESISTANCE MANAGEMENT FOR TRANSGENIC BACILLUS THURINGIENSIS PLANTS not available, not applicable Biotechnology and Development Monitor, 29, 812 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 3.6
KMA 3.5/01 (KMA 3.5/22)	Süß, J.	2016	LITERATURE REVIEW ON BACILLUS THURINGIENSIS SUBSP. AIZAWAI STRAIN GC-91 BIOLOGICAL PROPERTIES Certis USA LLC, 2281385_MA_02_01 GAB Consulting GmbH, Heidelberg, Germany GLP/GEP: no Published: no	no	yes	New data for active ingredient, not previously submitted nor evaluated	CEU	N

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 3.5/02 (KMA 3.5/23)	Jiang, T., Wu., S., Yang, T., Zhu, C., Gao, C.	2015	MONITORING FIELD POPULATIONS OF PLUTELLA XYLOSTELLA (LEPIDOPTERA: PLUTELLIDAE) FOR RESISTANCE TO EIGHT INSECTICIDES IN CHINA not available, not applicable Florida Entomologist, 98, 65-73 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 3.5/03 (KMA 3.5/24)	Xia, Y., Lu, Y., Shen, J., Gao, X., Qiu, H., Li, J.	2014	RESISTANCE MONITORING FOR EIGHT INSECTICIDES IN PLUTELLA XYLOSTELLA IN CENTRAL CHINA not available, not applicable Crop Protection, 63, 131-137 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 3.5/04 (KMA 3.5/25)	Wang, L., Li, X.-F., Zhang, J., Zhao, J.-Z., Wu, Q.-J., Xu, B., Zhang, Y.-J.	2007	MONITORING OF RESISTANCE FOR THE DIAMONDBACK MOTH TO BACILLUS THURINGIENSIS CRY1AC AND CRY1BA TOXINS AND A BT COMMERCIAL FORMULATION not available, not applicable Journal of Applied Entomology, 131, 441-446 GLP/GEP: no Published: yes	no	no	not protected	-	N

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 3.5/05 (KMA 3.5/26)	Gong, Y., Wang, C., Yang, Y., Wu, S., Wu, Y.	2010	CHARACTERIZATION OF RESISTANCE TO BACILLUS THURINGIENSIS TOXIN CRY1AC IN PLUTELLA XYLOSTELLA FROM CHINA not available, not applicable Journal of Invertebrate Pathology, 104, 90-96 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 3.5/06	Mittal, A., Kumari, A., Kalia, V., Kumar Singh, D., Gujar, G.T.	2007	SPATIAL AND TEMPORAL BASELINE SUSCEPTIBILITY OF DIAMONDBACK MOTH, PLUTELLA XYLOSTELLA (LINNAEUS) TO BACILLUS THURINGIENSIS SPORE CRYSTAL MIXTURE, PURIFIED CRYSTAL TOXINS AND MIXTURES OF CRY TOXINS IN INDIA not available, not applicable Biopesticides International, 3, 58-70 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 3.5/07	Sarmiento, G.M., Ocampo, V.R.	2010	VARIABILITY IN RESPONSE TO INSECTICIDES OF FIELD POPULATIONS OF DIAMONDBACK MOTH, PLUTELLA XYLOSTELLA (LINNAEUS), IN THE PHILIPPINES not available, not applicable Philipp Ent, 24, 39-76 GLP/GEP: no Published: yes	no	no	not protected	-	N

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 3.5/08	Pereira, S. G., Sannaveerappanavar, V. T., Murthy, M. S.	2006	GEOGRAPHICAL VARIATION IN THE SUSCEPTIBILITY OF DIAMONDBACK MOTH, <i>PLUTELLA XYLOSTELLA</i> L. (LEPIDOPTERA: YPONOMEUTIDAE) TO <i>BACILLUS THUINGIENSIS</i> PRODUCTS AND ACYLUREA COMPOUNDS. not available, not applicable Resistant Pest Management Newsletter, 15(2), 26-28 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 3.5/09	Sannaveerappanavar, V.T., Virktamath, C.A.	2006	RESISTANCE TO INSECTICIDES IN AN INDIAN STRAIN OF DIAMONDBACK MOTH, <i>PLUTELLA XYLOSTELLA</i> (L.) (LEPIDOPTERA: YPONOMEUTIDAE) not available, not applicable Resistant Pest Management Newsletter, 15, 32-35 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 3.5/10	Zago, H.B., Siqueira, H.A.A., Pereira, E.J.G., Picanco, M.C., Barros, R.	2014	RESISTANCE AND BEHAVIOURAL RESPONSE OF <i>PLUTELLA XYLOSTELLA</i> (LEPIDOPTERA: PLUTELLIDAE) POPULATIONS TO <i>BACILLUS THUINGIENSIS</i> FORMULATIONS not available, not applicable Pest Management Science, 70, 488-495 GLP/GEP: no Published: yes	no	no	not protected	-	N

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 3.5/11	Franklin, M., Ritland, C.E., Myers, J.H.	2010	SPATIAL AND TEMPORAL CHANGES IN GENETIC STRUCTURE OF GREENHOUSE AND FIELD POPULATIONS OF CABBAGE LOOPER, TRICHOPLUSIA NI not available, not applicable Mol Ecol, 19, 1122-1133 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 3.5/12	Janmaat, A., Franklin, M., Myers, J.H.	2015	RESISTANCE OF CABBAGE LOOPERS TO BTK IN A GREENHOUSE SETTING: OCCURRENCE, SPREAD AND MANAGEMENT not available, not applicable Bt Resistance, 49-55 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 3.5/13	Kalia, V., Kumari, A., Mittal, A., Singh, B.P., Nair, R., Gujar, G.T.	2006	TEMPORAL VARIATION IN SUSCEPTIBILITY OF AMERICAN BOLLWORM, HELICOVERPA ARMIGERA TO BACILLUS THURINGIENSIS (BT) VAR. KURSTAKI HD-73, IST CRY1AC TOXIN AND BT COTTON not available, not applicable Pesticide Research Journal, 18, 47-50 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 3.7/01	Anonymous	2001	MATERIAL SAFETY DATA SHEET CGA-237218 TECHNICAL CertiS USA LLC, 70051-48-Bt GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 3.7

A.4 Further information

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 2.8/11 (KMA 2.8/13)	Hansen, B.M., Thor- sen, L., Nielsen- LeRoux, C., Wilcks, A., Hendriksen N.B.,	2011	NEW EXPERI- MENTAL AP- PROACHES FOR HUMAN RISK AS- SESSMENT OF MI- CROBIAL PEST CONTROL AGENTS - EXEMPLIFIED BY THE BACTERIUM BACILLUS THU- RINGIENSIS not available, not ap- plicable Danish EPA Pesticides Research, 136 2011, 1- 128 GLP/GEP: no Published: yes	no	no	not protect- ed	-	N

A.5 Analytical methods

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No., Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 4.1/01	Ohba, M., Aizawa, K.	1986	Distribution of <i>Bacillus thuringiensis</i> in soils of Japan not available, not applicable Journal of invertebrate Pathology, 47, 277-282 GLP/GEP: no Published: yes	no	no	not protected		Y KIIM 4.3.1
KMA 4.1/02	Travers, R.S., Martin, P.A.W., Reichelderfer, C.F.	1987	Selective Process for Efficient Isolation of Soil <i>Bacillus</i> spp. not available, not applicable Applied and Environmental Microbiology, 53, 1263-1266 GLP/GEP: no Published: yes	no	no	not protected		Y KIIM 4.3.1
KMA 4.1/03	Hill, K.K., Ticknor, L.O., Okina-ka, R.T., Asay, M., Blair, H., Bliss, K.A., Laker, M., Pardington, P.E., Richardson, A.P., Tonks, M., Beecher, D.J., Kemp, J.D., Kolsto, A.B., Wong, A.C., Keim, P., Jackson, P.J.	2004	Fluorescent Amplified Fragment Length Polymorphism Analysis of <i>Bacillus anthracis</i> , <i>Bacillus cereus</i> , and <i>Bacillus thuringiensis</i> isolates not available, not applicable Applied and Environmental Microbiology, 70, 1068-1080 GLP/GEP: no Published: yes	no	no	not protected		Y KIIM 4.3.1
KMA 1.3/03	Verma, M.	1991	CONFIDENTIAL APPENDIX TO VOLUME OF SUBMISSION TECHNICAL CGA-237218 PRODUCT CHEMISTRY Certis USA LLC, PC-91-005 Agricultural Division Ciba-Geigy Corporation, Greensboro, NC GLP/GEP: no Published: no	no	yes	protected	CEU	Y KIIM 1.3.3
KMA 4.1/05	de Barjac, H.	1981	Identification of H-serotypes of <i>Bacillus thuringiensis</i> not available, not applicable Microbial control of pests and plant diseases, 35-43 GLP/GEP: no Published: yes	no	no	not protected		Y

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No., Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 4.1/06	Jackson, P.J., Hill, K.K., Laker, M.T., Ticknor, L.O., Keim, P.	1999	Genetic comparison of Bacillus anthracis and its close relatives using amplified fragment length polymorphism and polymerase chain reaction analysis not available, not applicable Journal of Applied Microbiology, 87, 263-269 GLP/GEP: no Published: yes	no	no	not protected	-	Y
KMA 1.3/10	Chen, C.Y.	2005a	FINGERPRINTS OF BACILLUS THURINGIENSIS Certis USA LLC, not applicable not available GLP/GEP: no Published: no	no	yes	protected	CEU	Y KIIM 1.3.3
KMA 1.3/11	Jackson et al.	2005	AFLP-BASED PHYLOGENETIC COMPARISONS OF CERTIS SAMPLES TO OTHER B. THURINGIENSIS, B. CEREUS AND B. ANTHRACIS ISOLATES Certis USA LLC, not applicable Los Alamos National Laboratory, Los Alamos, NM, USA GLP/GEP: no Published: no Submitted in: KMA 1.3	no	yes	protected	CEU	Y
KMA 4.1/10	González, J.M., Carlton, B.C.	1980	Pattern of plasmid DNA in crystalliferous and acrySTALLIFEROUS strains of Bacillus thuringiensis not available, not applicable Plasmid, 3, 92-98 GLP/GEP: no Published: yes	no	no	not protected	-	Y
KMA 4.2/01	Muetting, S.A., Strain, K.E., Lydy, M.J.	2014	Validation of an Extraction method for Cry1Ab Protein from soil not available, not applicable Environmental Toxicology and Chemistry, 33, 18-25 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 4.2/02	Strain, K.E., Whiting, S.A., Lydy, M.J.	2014	Laboratory and field validation of a Cry1Ab protein quantitation method for water not available, not applicable Talanta, 128, 109-116 GLP/GEP: no Published: yes	no	no	not protected	-	N

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMP 5.1/01	Coranelli, S.	2011	ANALYTICAL METHOD FOR THE DETERMINATION OF THE ACTIVE INGREDIENT CONTENT IN THE FORMULATED PRODUCT AGREE WG AND IN AQUEOUS DILUTIONS Certis Europe B.V., NL, BT064/11 Biotechnologie BT Srl, Fraz. Pantalla, Italy GLP: yes Published: no	no	yes	New data for existing formulation, not previously submitted nor evaluated	CER	N
KMP 5.2/01	Ohba, M., Aizawa, K.	1986	DISTRIBUTION OF BACILLUS THURINGIENSIS IN SOILS OF JAPAN not available, not applicable Journal of invertebrate Pathology, 47, 277- 282 GLP/GEP: no Published: yes	no	no	not protected	-	Y
KMP 5.2/02	Travers, R.S., Martin, P.A.W., Reichelderfer, C.F.	1987	SELECTIVE PROCESS FOR EFFICIENT ISOLATION OF SOIL BACILLUS SPP. not available, not applicable Applied and Environmental Microbiology, 53, 1263-1266 GLP/GEP: no Published: yes	no	no	not protected	-	Y

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMP 5.2/03	Hill, K.K., Ticknor, L.O., Okina- ka, R.T., Asay, M., Blair, H., Bliss, K.A., Laker, M., Pardington, P.E., Richardson, A.P., Tonks, M., Beecher, D.J., Kemp, J.D., Kolsto, A.B., Wong, A.C., Keim, P., Jackson, P.J.	2004	FLUORESCENT AMPLIFIED FRAGMENT LENGTH POLYMORPHISM ANALYSIS OF BACILLUS ANTHRACIS, BACILLUS CEREUS, AND BACILLUS THURINGIENSIS ISOLATES not available, not applicable Applied and Environmental Microbiology, 70, 1068-1080 GLP/GEP: no Published: yes	no	no	not protected	-	Y

A.6 Effects on human health

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 5.1/02	Siegel, J.P.	2001	THE MAMMALIAN SAFETY OF BACILLUS THURINGIENSIS-BASED INSECTICIDES not available, not applicable Journal of invertebrate Pathology, 77, 13-21 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 5.1
	EUROPEAN COMMISSION	2008	, REVIEW REPORT FOR THE ACTIVE SUBSTANCE BACILLUS THURINGIENSIS SPP. AIZAWAI, STRAIN GC-91, SANCO/1538/08 – REV. 4, 13.12.2013				-	
	EFSA	2011	GUIDANCE OF EFSA: SUBMISSION OF SCIENTIFIC PEER-REVIEWED OPEN LITERATURE FOR THE APPROVAL OF PESTICIDE ACTIVE SUBSTANCES UNDER REGULATION (EC) NO 1107/2009. EFSA JOURNAL 2011;9(2):2092	no	no	Not protected	-	
KMA 5.1/01 (KMA 5.1/07)	Seehase, S.	2016	LITERATURE REVIEW ON BACILLUS THURINGIENSIS SUBSP. AIZAWAI GC-91: TOXICOLOGY Certis USA LLC, 2281385-MA-05-01 GAB Consulting GmbH, Stade, Germany GLP/GEP: no Published: no	no	yes	New data for active ingredient, not previously submitted nor evaluated	CEU	N
KMA 5.2.2.1/01 (KMA 5.2.2.1/05)	Wilcks, A., Hansen, B.M., Hendriksen, N.B., Licht, T.R.	2006	PERSISTENCE OF BACILLUS THURINGIENSIS BIO-INSECTICIDES IN THE GUT OF HUMAN-FLORA-ASSOCIATED RATS not available, not applicable FEMS Immunol Med Microbiol, 48, pp. 410-418 GLP/GEP: no Published: yes	yes	no	not protected	-	N
KMA 5.1.3/01 (KMA 5.1.3/05)	Hansen, V.M., Eilenberg, J., Madsen, A.M.	2010	OCCUPATIONAL EXPOSURE TO AIRBORNE BACILLUS THURINGIENSIS KURSTAKI HD1 AND OTHER BACTERIA IN GREENHOUSES AND VEGETABLE FIELDS. not available, not applicable Biocontrol Science and Technology, 20(6), 605-619 GLP/GEP: no Published: yes	no	no	not protected	-	N

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 5.1/02 (KMA 5.1/08)	Levin, D.B.	2009	HUMAN HEALTH EFFECTS RESULTING FROM EXPOSURE TO BACILLUS THURINGIENSIS APPLIED DURING INSECT CONTROL PROGRAMMES not available, not applicable Use of Microbes for Control and Eradication of Invasive Arthropods, 291-303 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 5.1.2/03	Jensen, G.B., Larsen, P., Jacobsen, B.L., Madsen, B., Smidt, L., Andrup, L.	2002	BACILLUS THURINGIENSIS IN FECAL SAMPLES FROM GREENHOUSE WORKERS AFTER EXPOSURE TO B. THURINGIENSIS-BASED PESTICIDES not available, not applicable Applied and Environmental Microbiology, 68, 4900-4905 GLP/GEP: no Published: yes	no	yes	protected	-	Y KIIM 5.2
KMA 5.1.2/04	Dively, C.A.	2006	LONG TERM EXPOSURE OF BTA TO EMPLOYEES DURING MANUFACTURE Certis USA LLC, not applicable not available GLP/GEP: no Published: no	no	no	not protected	CEU	Y KIIM 5.2
KMA 5.1.2/01 (KMA 5.1.2/05)	Doak, B.	2016	BTZ MEDICAL VERIFICATION Certis USA LLC, not stated [REDACTED] GLP/GEP: no Published: no	no	yes	New data for active ingredient, not previously submitted nor evaluated	CEU	N
KMA 5.1.2/02 (KMA 5.1.2/06)	Baelum, J., Larsen, P., Doekes, G., Sigsgaard, T.	2012	HEALTH EFFECTS OF SELECTED MICROBIOLOGICAL CONTROL AGENTS. A 3-YEAR FOLLOW-UP STUDY not available, not applicable Annals of Agricultural and Environmental Medicine, 19(4), 631-636 GLP/GEP: no Published: yes	no	no	not protected	-	N

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 5.1.3/01	Bernstein, I.L., Bernstein, J.A., Miller, M., Tierzieva, S., Bernstein, D.I., Lummus, Z., Selgrade, M.K., Doerfler, D.L., Seligy, V.L.	1999	IMMUNE RESPONSE IN FARM WORKERS AFTER EXPOSURE TO BACILLUS THURINGIENSIS PESTICIDES not available, not applicable Environ Health Perspect, 107, 1-15 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 5.2.1
KMA 5.1.3/03	Doekes, G., Larsen, P., Sigsgaard, T., Baelum, J.	2004	IGE SENSITIZATION TO BACTERIAL AND FUNGAL BIOPESTICIDES IN A COHORT OF DANISH GREENHOUSE WORKERS: THE BIOGART STUDY not available, not applicable American Journal of Industrial Medicine, 46, 404-407 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 5.2.1
KMA 5.1.4/01	Pearce, M., Habbick, B., Williams, J., Eastman, M., Newman, M.	2002	THE EFFECTS OF AERIAL SPRAYING WITH BACILLUS THURINGIENSIS KURSTAKI ON CHILDREN WITH ASTHMA not available, not applicable Canadian Journal of Public Health, 93, 21-25 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 5.2.3
KMA 5.1.4/02	Petrie, K., Thomas, M., Broadbent, E.	2003	SYMPTOM COMPLAINTS FOLLOWING AERIAL SPRAYING WITH BIOLOGICAL INSECTICIDE FORAY 48B not available, not applicable New Zealand Med J, 116, 1-7 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 5.2.3
KMA 5.1.4/04	Green, M., Heumann, M., Sokolow, R., Foster, L.R., Bryant, R., Skeels, M.	1990	PUBLIC HEALTH IMPLICATIONS OF THE MICROBIAL PESTICIDE BACILLUS THURINGIENSIS: AN EPIDEMIOLOGICAL STUDY, OREGON, 1985-86 not available, not applicable American Journal of Public Health, 80, 848-852 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 5.2.4

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 5.1.4/11	Jackson, S.G., Goodbrand, R.B., Ahmed, R., Kasatiya, S.	1995	BACILLUS CEREUS AND BACILLUS THURINGIENSIS ISOLATED IN A GASTRO-ENTERITIS OUTBREAK INVESTIGATION not available, not applicable Lett Appl Microbiol, 21, 103-105 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 5.2.4
KMA 5.1.4/12	Damgaard, P.H., Granum, P.E., Bresciani, J., Torregrossa, M.V., Eilenberg, J., Valentino, L.	1997	CHARACTERIZATION OF BACILLUS THURINGIENSIS ISOLATED FROM INFECTIONS IN BURN WOUNDS not available, not applicable FEMS Immunol Med Microbiol, 18, 47-53 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 5.2.4
KMA 5.1.4/13	Hernandez, E., Ramisse, F., Ducoureaux, J., Cruel, T., Cavallo, J.	1998	BACILLUS THURINGIENSIS SUBSP. KONKUKIAN (SEROTYPE H34) SUPERINFECTION: CASE REPORT AND EXPERIMENTAL EVIDENCE OF PATHOGENICITY IN IMMUNOSUPPRESSED MICE not available, not applicable Journal of Clinical Microbiology, 36 (7), 2138-2139 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 5.2.4
KMA 5.2.2.1/01		1991	CGA-237218 TECHNICAL FL910331: ACUTE ORAL TOXICITY STUDY IN RATS WITH A MICROBIAL PEST CONTROL AGENT (MPCA) Certis USA LLC, 8375-91 GLP: yes Published: no	yes	yes	protected	CEU	Y KIIM 5.3.2
KMA 5.2.2.1/02		1990a	ACUTE ORAL TOXICITY AND INFECTIVITY/PATHOGENICITY STUDY OF CGA-237218 TECHNICAL (BACILLUS THUR. VAR. AIZAWAI) IN RATS Certis USA LLC, 90341D/CBG 517-1/AC GLP: yes Published: no	yes	yes	protected	CEU	Y KIIM 5.3.2

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 5.2.2.2/01	[REDACTED]	1990 b	ACUTE PULMONARY TOXICITY AND INFECTIVITY/PATHOGENICITY STUDY OF CGA-237218 TECHNICAL (BACILLUS THURINGIENSIS VAR. AIZAWAI) IN RATS Certis USA LLC, 90323D/CBG 517-2/AC [REDACTED] GLP: yes Published: no	yes	yes	protected	CEU	Y KIIM 5.3.3
KMA 5.2.2.2/02	[REDACTED]	1992	CGA-237218 TECHNICAL FL-911722: ACUTE INHALATION TOXICITY STUDY IN RATS WITH A MICROBIAL PEST CONTROL AGENT (MPCA) Certis USA LLC, 8374-91 [REDACTED] GLP: yes Published: no	yes	yes	protected	CEU	Y KIIM 5.3.3
KMA 5.2.2.2/01 (KMA 5.2.2.2/03)	Tayabali, A.F., Nguyen, K.C., Seligy, V.L.	2010	EARLY MURINE IMMUNE RESPONSES FROM ENDOTRACHEAL EXPOSURES TO BIOTECHNOLOGY-RELATED BACILLUS STRAINS not available, Not applicable Toxicol Environm Chem, 93(1), 314-331 GLP/GEP: no Published: yes	yes	no	not protected	-	N
KMA 5.2.2.3/01	[REDACTED]	1992 a	CGA-237218 TECHNICAL 91-7288: ACUTE INTRAPERITONEAL TOXICITY/PATHOGENICITY SCREEN IN MICE Certis USA LLC, 8515-91 [REDACTED] GLP/GEP: no Published: no	yes	yes	protected	CEU	Y KIIM 5.3.4
KMA 5.2.2.3/02	[REDACTED]	1992 b	CGA-237218 TECHNICAL 911445: ACUTE INTRAPERITONEAL TOXICITY/PATHOGENICITY SCREEN IN MICE Certis USA LLC, 8648-91 [REDACTED] GLP/GEP: no Published: no	yes	yes	protected	CEU	Y KIIM 5.3.4

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 5.2.2.3/03	[REDACTED]	1991	ACUTE INTRAPERITONEAL TOXICITY/PATHOGENICITY SCREENING STUDIES OF TECHNICAL CGA-237218 IN MICE Certis USA LLC, CBG 517-3 [REDACTED] GLP: yes Published: no	yes	yes	protected	CEU	Y KIIM 5.3.4
KMA 5.2.2.3/04	[REDACTED] [REDACTED] [REDACTED]	1990	ACUTE INTRAVENOUS TOXICITY AND INFECTIVITY/PATHOGENICITY STUDY OF CGA-237218 TECHNICAL (BACILLUS THUR. VAR. KURSTAKI) Certis USA LLC, 90324D/CBG 517-3/AC [REDACTED] GLP: yes Published: no	yes	yes	protected	CEU	Y KIIM 5.3.4
KMA 5.2.3/01	Hertner, T.	1992	SALMONELLA AND ESCHERICHIA/LIVER-MICROSOME TEST Certis USA LLC, 922118 Genetic Toxicology, CIBA-Geigy Ltd., Basle, Switzerland GLP: yes Published: no	no	yes	protected	CEU	Y KIIM 5.3.5
KMA 5.2.3/02	Meretoja, T., Carlberg, G., Gripenberg, U., Linnainmaa, K., Sorsa, M.	1977	MUTAGENICITY OF BACILLUS THURINGIENSIS EXOTOXIN not available, not applicable Hereditas, journal in the field of genetics and cytogenetics, 85, 105-112 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 5.3.5
KMA 5.2.3/03	Carlberg, G., Tikkanen, L., Abdel-Hameed, A.A.	1995	SAFETY TESTING OF BACILLUS THURINGIENSIS PREPARATIONS, INCLUDING THURINGIENSIN, USING SALMONELLA ASSAY not available, not applicable Journal of invertebrate Pathology, 66, 68-71 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 5.3.5

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 5.2.3/01 (KMA 5.2.3/05)	Grisolia, C.K., Oliveira-Filho, E.C., Ramos, F.R., Lopes, M.C., Muniz, D.H.F., Monnerat, R.G.	2009	ACUTE TOXICITY AND CYTOTOXICITY OF BACILLUS THURINGIENSIS AND BACILLUS SPHAERICUS STRAINS ON FISH AND MOUSE BONE MARROW. not available, not applicable Ecotoxicology, 18(1), 22-26 GLP/GEP: no Published: yes	yes	no	not protected	-	N
KMA 5.2.5/01	██████████ ██████████	1993	CGA-237218 TECHNICAL: THIRTEEN-WEEK ORAL TOXICITY/INFECTIVITY IN RATS Certis USA LLC, CBG 595/930636 ████████████████████ ████████████████████ GLP: yes Published: no	yes	yes	protected	CEU	Y KIIM 5.3.7.1
KMA 5.2.5/02	Hadley, W.M., Burchiel, S.W., McDowell, T.D., Thilsted, J.P., Hibbs, C.M., Whorton, J.A., Day, P.W., Friedman, M.B., Stoll, R.E.	1987	FIVE-MONTH ORAL (DIET) TOXICITY/INFECTIVITY STUDY OF BACILLUS THURINGIENSIS INSECTICIDES IN SHEEP not available, not applicable Fundam Appl Toxicol, 8, 236-242 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 5.3.7.1
KMA 5.2.5.1/01	Barfod, K.K., Poulsen, S.S., Hammer, M., Larsen, S.T.	2010	SUB-CHRONIC LUNG INFLAMMATION AFTER AIRWAY EXPOSURES TO BACILLUS THURINGIENSIS BIOPESTICIDES IN MICE not available, not applicable BMC Microbiology, 10, 233 GLP/GEP: no Published: yes Submitted in: KMA 5.2.2.2/02	yes	no	not protected	-	N
KMA 5.3/01	██████████	1991 a	CGA-237218 TECHNICAL FL 891267: ACUTE DERMAL TOXICITY STUDY IN RABBITS WITH A MICROBIAL PEST CONTROL AGENT (MCPA) Certis USA LLC, 7012-90 ████████████████████ ██████████ GLP: yes Published: no	yes	no	not protected	CEU	Y KIIM 5.5.1

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 5.3/02		1990a	CGA-237218 TECHNICAL FL 900815: MOUSE SUBCUTANEOUS INJECTION Certis USA LLC, 7008-90 GLP/GEP: no Published: no	yes	no	not protected	CEU	Y KIIM 5.5.1
KMA 5.3/03		1990b	CGA-237218 TECHNICAL FL 900816: MOUSE SUBCUTANEOUS INJECTION Certis USA LLC, 7009-90 GLP/GEP: no Published: no	yes	no	not protected	CEU	Y KIIM 5.5.1
KMA 5.3/04		1990c	CGA-237218 TECHNICAL FL 900814: MOUSE SUBCUTANEOUS INJECTION Certis USA LLC, 7007-90 GLP/GEP: no Published: no	yes	no	not protected	CEU	Y KIIM 5.5.1
KMA 5.3/05		1991b	CGA-237218 TECHNICAL FL 891267: PRIMARY EYE IRRITATION STUDY IN RABBITS WITH A MICROBIAL PEST CONTROL AGENT (MCPA) Certis USA LLC, 7013-90 GLP: yes Published: no	yes	no	not protected	CEU	Y KIIM 5.5.1
KMA 5.3/07	Hernandez, E., Ramisse, F., Cruel, T., Vagueresse, R., Cavallo, J.	1999	BACILLUS THURINGIENSIS SEROTYPE H34 ISOLATED FROM HUMAN AND INSECTICIDAL STRAINS SEROTYPES 3A3B AND H14 CAN LEAD TO DEATH OF IMMUNOCOMPETENT MICE AFTER PULMONARY INFECTION not available, not applicable FEMS Immunol Med Microbiol, 24, 43-47 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 5.5.1

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 5.3/08	Hernandez, E., Ramisse, F., Gros, P., Cavallo, J.	2000	SUPER-INFECTION BY BACILLUS THURINGIENSIS H34 OR 3A3B CAN LEAD TO DEATH IN MICE INFECTED WITH INFLUENZA A VIRUS not available, not applicable FEMS Immunol Med Microbiol, 29, 177-181 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 5.5.1

Data point CADDY (ongoing number- ing)	Au- thor(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Verte- brate study Y/N	Data pro- tection claimed Y/N	Justifica- tion if data protection is claimed	Own- er	Previous- ly submit- ted Y/N* If Y => old data point
KMP 7.1.1/01	■■■■ ■■■■	1991a	CGA-237218 WP FL- 910959 ACUTE ORAL TOXICITY STUDY IN RATS WITH A MICRO- BIAL PEST CONTROL AGENT (MPCA) Certis USA LLC, 8188-91 ■■■■■■■■■■■■■■■■■■■■ ■■■■■■■■■■■■■■■■■■■■ GLP: yes Published: no	no	yes	protected	CEU	Y KIHIM 7.1.1
KMP 7.1.1/02	■■■■ ■■■■	1992	AGREE FL-920303 (CGA-237218 WP): ACUTE ORAL TOXICI- TY STUDY IN RATS WITH A MICROBIAL PEST CONTROL AGENT (MPCA), Certis USA LLC, 8938-92 ■■■■■■■■■■■■■■■■■■■■ ■■■■■■■■■■■■■■■■■■■■ GLP: yes Published: no	yes	yes	protected	CEU	Y KIHIM 7.1.1
KMP 7.1.2/01	■■■■ ■■■■	1991	CGA-237218 WP FL- 910986: ACUTE INHA- LATION TOXICITY STUDY IN RATS WITH A MICROBIAL PEST CONTROL AGENT (MPCA) Certis USA LLC, 8200-91 ■■■■■■■■■■■■■■■■■■■■ ■■■■■■■■■■■■■■■■■■■■ GLP: yes Published: no	yes	yes	protected	CEU	Y KIHIM 7.1.3
KMP 7.1.2/02	■■■■ ■■■■	1993	AGREE FL-921616 ACUTE INHALATION TOXICITY STUDY IN RATS WITH A MICRO- BIAL PEST CONTROL AGENT Certis USA LLC, 9398-92 ■■■■■■■■■■■■■■■■■■■■ ■■■■■■■■■■■■■■■■■■■■ GLP: yes Published: no	yes	yes	protected	CEU	Y KIHIM 7.1.3

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMP 7.1.3/01	■■■■	1991b	AGREE (CGA-237218 WP) FL-911716: ACUTE DERMAL TOXICITY/IRRITATION STUDY IN RABBITS WITH A MICROBIAL PEST AGENT (MPCA) Certis USA LLC, 8373-91 ■■■■ GLP: yes Published: no	yes	yes	protected	CEU	Y KIIIM 7.1.2
KMP 7.2.1/01	■■■■	1991b	AGREE (CGA-237218 WP) FL-911716: ACUTE DERMAL TOXICITY/IRRITATION STUDY IN RABBITS WITH A MICROBIAL PEST AGENT (MPCA) Certis USA LLC, 8373-91 ■■■■ GLP: yes Published: no Submitted in: KMP 7.1.3/01	yes	yes	protected	CEU	Y KIIIM 7.1.4
KMP 7.2.2/01	■■■■	1991c	CGA-237218 WP FL-910959: PRIMARY EYE IRRITATION STUDY IN RABBITS WITH A MICROBIAL PEST CONTROL AGENT (MPCA) Certis USA LLC, 8189-91 ■■■■ GLP: yes Published: no	yes	yes	protected	CEU	Y KIIIM 7.1.5
KMP 7.2.3/01	■■■■	1999	SKIN SENSITIZATION TEST Certis USA LLC, 99/1054-1A ■■■■ GLP/GEP: no Published: no	yes	yes	protected	CEU	Y KIIIM 7.1.6

A.7 Residue data

Data point	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 6/01	Cornelese A.	2016	LITERATURE REVIEW ON BACILLUS THURINGIENSIS SUBSP. AIZAWAI STRAIN CG-91 AND METABOLITES: RESIDUES IN OR ON TREATED PRODUCTS, FOOD AND FEED Certis USA LLC, 2281385-MA-06-01 GAB Consulting GmbH, Heidelberg, Germany GLP/GEP: no Published: no	no	yes	protected	CEU	N
KMA 6/02 1. additional submission	A.Cornelese	2016	LITERATURE REVIEW ON BACILLUS THURINGIENSIS SUBSP. AIZAWAI STRAIN GC-91 AND METABOLITES: RESIDUES IN OR ON TREATED PRODUCTS, FOOD AND FEED Certis USA LLC, 2281385-MA-06-02 GAB Consulting GmbH, Heidelberg, Germany GLP/GEP: no Published: no	no	yes	protected	CEU	N
KMA 6.1/01	Hadley, W.M., Burchiel, S.W., McDowell, T.D., Thilsted, J.P., Hibbs, C.M., Whorton, J.A., Day, P.W., Friedman, M.B., Stoll, R.E.	1987	FIVE-MONTH ORAL (DIET) TOXICITY/INFECTIVITY STUDY OF BACILLUS THURINGIENSIS INSECTICIDES IN SHEEP not available, not applicable Fundam Appl Toxicol, 8, 236-242 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 6.1
KMA 6.1/05	Siegel, J.P.	2001	THE MAMMALIAN SAFETY OF BACILLUS THURINGIENSIS-BASED INSECTICIDES not available, not applicable Journal of invertebrate Pathology, 77, 13-21 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 6.1

Data point	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 6.1/12	Pusztai, M., Fast, P., Gringorten, L., Kaplan, H., Lessard, T., Carey, P.R.	1991	THE MECHANISM OF SUNLIGHT-MEDIATED INACTIVATION OF BACILLUS THURINGIENSIS CRYSTALS not available, not applicable Biochemical Journal, 273, 43-47 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 6.3
KMA 6.1/13	Pinnock, D.E., Brand, R.J., Jackson, K.L., Milstead, J.E.	1974	THE FIELD PERSISTENCE OF BACILLUS THURINGIENSIS SPORES ON CERCIS OCCIDENTALIS LEAVES not available, not applicable Journal of invertebrate Pathology, 23, 341-346 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 6.3
KMA 6.1/14	Ignoffo, C.M., Hostetter, D.L., Pinnell, R.E.	1974	STABILITY OF BACILLUS THURINGIENSIS AND BACULOVIRUS HELIOTHIS ON SOY-BEAN FOLIAGE not available, not applicable Environ Entomol, 3, 117-119 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 6.3
KMA 6.1/15	Pedersen, J.C., Damgaard, P.H., Eilenberg, J., Hansen, B.M.	1995	DISPERSAL OF BACILLUS THURINGIENSIS VAR. KURSTAKI IN AN EXPERIMENTAL CABBAGE FIELD not available, not applicable Canadian Journal of Microbiology, 41, 118-125 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 6.3

Data point	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 6.1/16	Hostetter, D.L., Ignoffo, C.M., Kearby, W.H.	1975	PERSISTENCE OF FORMULATIONS OF BACILLUS THURINGIENSIS SPORES AND CRYSTALS ON EASTERN RED CEDAR FOLIAGE IN MISSOURI not available, not applicable Journal of the Kansas Entomological Society, 48, 189-193 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 6.3
KMA 6.1/18	Smith, R.A., Barry, J.W.	1998	ENVIRONMENTAL PERSISTENCE OF BACILLUS THURINGIENSIS SPORES FOLLOWING AERIAL APPLICATION not available, not applicable Journal of invertebrate Pathology, 71, 263-267 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 6.3
KMA 6.1/19	Akiba, Y.	1986	MICROBIAL ECOLOGY OF BACILLUS THURINGIENSIS VI. GERMINATION OF BACILLUS THURINGIENSIS SPORES IN THE SOIL not available, not applicable Japanese Journal of Applied Entomology and Zoology, 21, 76-80 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 6.3
KMA 6.1/20	Hendriksen, N.B., Hansen, B.M.	2002	LONG-TERM SURVIVAL AND GERMINATION OF BACILLUS THURINGIENSIS VAR. KURSTAKI IN A FIELD TRIAL not available, not applicable Canadian Journal of Microbiology, 48, 256-261 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 6.3

Data point	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 6.1/21	Bae, S., Fleet, G.H., Heard, G.M.	2004	OCCURRENCE AND SIGNIFICANCE OF BACILLUS THURINGIENSIS ON WINE GRAPES not available, not applicable Int J Food Microbiology, 94, 301-312 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 6.3
KMA 6.1/23	Benoit, T.G., Wilson, G.R., Bull, D.L., Aronson, A.I.	1990	PLASMID-ASSOCIATED SENSITIVITY OF BACILLUS THURINGIENSIS TO UV LIGHT not available, not applicable Applied and Environmental Microbiology, 56, 2282-2286 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 6.3
KMA 6.1/24	Smith, R.A., Couche, G.A.	1991	THE PHYLLOPLANE AS A SOURCE OF BACILLUS THURINGIENSIS VARIANTS not available, not applicable Applied and Environmental Microbiology, 57, 311-315 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 6.3
KMA 6.1/25	Damgaard, P.H., Hansen, B.M., Peder- sen, J.C., Eilenberg, J.	1997	NATURAL OCCURRENCE OF BACILLUS THURINGIENSIS ON CABBAGE FOLIAGE AND IN INSECTS ASSOCIATED WITH CABBAGE CROPS not available, not applicable Journal of Applied Microbiology, 82, 253-258 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 6.3

Data point	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 6.1/26	Rosenquist, H., Smidt, L., Andersen, S.R., Jensen, G.B., Wilcks, A.	2005	OCCURRENCE AND SIGNIFICANCE OF BACILLUS CEREUS AND BACILLUS THURINGIENSIS IN READY-TO-EAT FOOD not available, not applicable FEMS Microbiology Letters, 250, 129-136 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 6.3
KMA 6.2.1/01	Beegle, C.C., Dulmage, H.T., Wolfenbarger, D.A., Martinez, E.	1981	PERSISTENCE OF BACILLUS THURINGIENSIS BERLINER INSECTICIDAL ACTIVITY ON COTTON FOLIAGE not available, not applicable Environ Entomol, 10, 400-401 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 6.4.1
KMA 6.2.2/01	Frederiksen, K., Rosenquist, H., Jorgensen, K., Wilcks, A.	2006	OCCURRENCE OF NATURAL BACILLUS THURINGIENSIS CONTAMINANTS AND RESIDUES OF BACILLUS THURINGIENSIS-BASED INSECTICIDES ON FRESH FRUITS AND VEGETABLES not available, not applicable Applied and Environmental Microbiology, 72, 3435-3440 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 6.2.2/02	Hendriksen, N. B., Hansen, B. M.	2006	DETECTION OF BACILLUS THURINGIENSIS KURSTAKI HD1 ON CABBAGE FOR HUMAN CONSUMPTION not available, not applicable FEMS Microbiology Letters, 257, pp. 106-111 GLP/GEP: no Published: yes	no	no	not protected	-	N

Data point	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 6.2.2/03	Stephan, S., Scholz-Döbelin, H., Reintges, T., Pelz, J., Jehle, J.A. Keßler, J.	2014	INVESTIGATIONS ON RESIDUES OF XENTARI® BACILLUS THURINGIENSIS SUBSPEC. AIZAWAI ON GREENHOUSE TOMATOES not available, ISSN 1867-0911 Journal für Kulturpflanzen, 66, 312 - 318 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 6.2.2/04	Zhou, G., Yan, J., Dasheng, Z., Zhou, X., Yuan, Z.	2008	THE RESIDUAL OCCURRENCES OF BACILLUS THURINGIENSIS BIOPESTICIDES IN FOOD AND BEVERAGES not available, not applicable International Journal of Food Microbiology, 127, 68-72 GLP/GEP: no Published: yes	no	no	not protected	-	N

A.8 Environmental fate and behaviour

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 7/01	Meadows, M.P., Ellis, D.J., Butt, J., Jarrett, P., Burges, H.D.	1992	DISTRIBUTION, FREQUENCY, AND DIVERSITY OF BACILLUS THURINGIENSIS IN AN ANIMAL FEED MILL not available, not applicable Applied and Environmental Microbiology, 58, 1344-1350 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.2
KMA 7/02	Akiba, Y.	1986a	MICROBIAL ECOLOGY OF BACILLUS THURINGIENSIS. VII. FATE OF BACILLUS THURINGIENSIS IN LARVAE OF THE SILKWORM, BOMBYX MORI, AND THE FALL WEBWORM, HYPHANTRIA CUNEA. not available, not applicable Japanese Journal of Applied Entomology and Zoology, 30, 99-105 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.2
KMA 7/03	Aronson, A.I., Han, E.-S., McGaughey, W., Johnson, D.	1991	THE SOLUBILITY OF INCLUSION PROTEINS FROM BACILLUS THURINGIENSIS IS DEPENDENT UPON PROTOXIN COMPOSITION AND IS FACTOR IN TOXICITY TO INSECTS not available, not applicable Applied and Environmental Microbiology, 57, 981-986 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.2
KMA 7/04	Burges et al.	1991	UNITED STATES PATENT FOR GC-91 not available, 5063055 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.2

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 7/02 (KMA 7/06)	Cornelese, A	2016	LITERATURE REVIEW ON BACILLUS THURINGIENSIS SUBSP. AIZAWAI STRAIN CG-91 AND METABOLITES: FATE AND BEHAVIOUR IN THE ENVIRONMENT CERTIS USA LLC, 2281385-MA-07-02 GAB CONSULTING GMBH, HEIDELBERG, GERMANY GLP/GEP: NO PUBLISHED: NO	no	yes	protected	CEU	N
KMA 7.1/01	Bizarri, M.F., Bishop, A.H.	2008	THE ECOLOGY OF BACILLUS THURINGIENSIS ON THE PHYLLLOPLANE: COLONIZATION FROM SOIL, PLAS-MID TRANSFER, AND INTERACTION WITH LARVAE OF PIERIS BRASSICAE not available, not applicable Microb Ecol, 56, 133-139 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 7.1/02	Van Cuyk, S., Deshpande, A., Hollander, A., Duval, N., Ticknor, L., Layshock, J., Gallegos-Graves, L., Omberg, K.M.	2011	PERSISTENCE OF BACILLUS THURINGIENSIS SUBSP. KURSTAKI IN URBAN ENVIRONMENTS FOLLOWING SPRAYING. not available, not applicable Applied and Environmental Microbiology, 7(22), 7954-7961 GLP/GEP: no Published: yes	no	no	not protected	-	N

Data point CADDY (ongoing number- ing)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Verte- brate study Y/N	Data protec- tion claimed Y/N	Justifica- tion if data protection is claimed	Own- er	Previous- ly sub- mitted Y/N* If Y => old data point
KMA 7.1.1/01	Visser, S., Addison, J.A., Holmes, S.B.	1994	EFFECTS OF DIPEL 176, A BACILLUS THURINGIENSIS SUBSP. KURSTAKI (B.T.K.) FORMULA- TION, ON THE SOIL MICROFLORA AND FATE OF B.T.K. IN AN ACID FOREST SOIL: A LABORATORY STUDY not available, not appli- cable Canadian Journal of Forest Research, 24, 462- 471 GLP/GEP: no Published: yes	no	no	not protect- ed	-	Y KIIM 7.1.1
KMA 7.1.1/02	Saleh, S.M., Harris, R.F., Allen, O.N.	1970	FATE OF BACILLUS THURINGIENSIS IN SOIL: EFFECT OF SOIL PH AND OR- GANIC AMENDMENT not available, not appli- cable Canadian Journal of Microbiology, 16, 677- 680 GLP/GEP: no Published: yes	no	no	not protect- ed	-	Y KIIM 7.1.1
KMA 7.1.1/03	West, A.W., Burges, H.D., Dixon, T.J., Wyborn, C.H.	1985	SURVIVAL OF BA- CILLUS THURIN- GIENSIS AND BA- CILLUS CEREUS SPORE INOCULA IN SOIL: EFFECTS OF PH, MOISTURE, NU- TRIENT AVAILABIL- ITY AND INDIGE- NOUS MICROOR- GANISMS not available, not appli- cable Soil Biology and Bio- chemistry, 17 (5), 657- 665 GLP/GEP: no Published: yes	no	no	not protect- ed	-	Y KIIM 7.1.1

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 7.1.1/04	Thomas, D.J.I., Morgan, J.A.W., Whipps, J.M., Saunders, J.R.	2000	PLASMID TRANSFER BETWEEN THE BACILLUS THURINGIENSIS SUBSPECIES KURSTAKI AND TE-NEBRIONIS IN LABORATORY CULTURE AND SOIL AND IN LEPIDOPTERAN AND COLEOPTERAN LARVAE not available, not applicable Applied and Environmental Microbiology, 66, 118-124 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.1
KMA 7.1.1/05	Akiba, Y.	1986b	MICROBIAL ECOLOGY OF BACILLUS THURINGIENSIS VI. GERMINATION OF BACILLUS THURINGIENSIS SPORES IN THE SOIL not available, not applicable Japanese Journal of Applied Entomology and Zoology, 21, 76-80 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.1
KMA 7.1.1/06	Petras, S.F., Casida Jr., L.E.	1985	SURVIVAL OF BACILLUS THURINGIENSIS SPORES IN SOIL not available, not applicable Applied and Environmental Microbiology, 50, 1496-1501 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.1
KMA 7.1.1/07	World Health Organization	1999	ENVIRONMENTAL HEALTH CRITERIA 217 - MICROBIAL PEST CONTROL AGENT BACILLUS THURINGIENSIS not available, not applicable WHO World Health Organization GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.1

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 7.1.1/08	Vilas-Bôas, L.A., Vilas-Bôas, G.F.L.T., Saridakis, H.O., Lemos, M.V.F., Lereclus, D., Arantes O.M.N.	2000	SURVIVAL AND CONJUGATION OF BACILLUS THURINGIENSIS IN A SOIL MICROCOSM not available, not applicable FEMS Microbiol Ecol, 31, 255-259 GLP/GEP: no Published: yes	no	yes	protected	-	Y KIIM 7.1.1
KMA 7.1.1/09	West, A.W., Burges, H.D., White, R.J., Wyborn, C.H.	1984 a	PERSISTENCE OF BACILLUS THURINGIENSIS PARASPORAL CRYSTAL INSECTICIDAL ACTIVITY IN SOIL not available, not applicable Journal of invertebrate Pathology, 44, 128-133 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.1
KMA 7.1.1/10	West, A.W., Burges, H.D., Wyborn, C.H.	1984 b	EFFECT OF INCUBATION IN NATURAL AND AUTOCLAVED SOIL UPON POTENCY AND VIABILITY OF BACILLUS THURINGIENSIS not available, not applicable Journal of invertebrate Pathology, 44, 121-127 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.1
KMA 7.1.1/11	Pedersen, J.C., Damgaard, P.H., Eilenberg, J., Hansen, B.M.	1995	DISPERSAL OF BACILLUS THURINGIENSIS VAR. KURSTAKI IN AN EXPERIMENTAL CABBAGE FIELD not available, not applicable Canadian Journal of Microbiology, 41, 118-125 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.1

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 7.1.1/12	Griego, V.M., Spence, K.D.	1978	INACTIVATION OF BACILLUS THURINGIENSIS SPORES BY ULTRAVIOLET AND VISIBLE LIGHT not available, not applicable Applied and Environmental Microbiology, 35, 906-910 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.1
KMA 7.1.1/13	Myasnik, M., Manasherob, R., Ben-Dov, E., Zaritsky, A., Margalith, Y., Barak, Z.	2001	COMPARATIVE SENSITIVITY TO UV-B RADIATION OF TWO BACILLUS THURINGIENSIS SUBSPECIES AND OTHER BACILLUS SP. not available, not applicable Current Microbiology, 43, 140-143 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.1
KMA 7.1.1/14	Teschke, K., Chow, Y., Bartlett, K., Ross, A., van Netten, C.	2001	SPATIAL AND TEMPORAL DISTRIBUTION OF AIRBORNE BACILLUS THURINGIENSIS VAR. KURSTAKI DURING AN AERIAL SPRAY PROGRAM FOR GYPSY MOTH ERADICATION not available, not applicable Environ Health Perspect, 109, 47-54 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.1
KMA 7.1.1/15	Pinnock, D.E., Milstead, J.E., Kirby, M.E., Nelson, B.J.	1977	STABILITY OF ENTOMOPATHOGENIC BACTERIA not available, not applicable Environ Stability of Microbial Insecticides, 77-97 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.1

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 7.1.1/16	Glare, T.R., O'Callaghan, M.	2000	BACILLUS THURINGIENSIS: BIOLOGY, ECOLOGY AND SAFETY not available, not applicable John Wiley and Sons Inc New York GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.1
KMA 7.1.1/17	West, A.W.	1984	FATE OF THE INSECTICIDAL, PROTEINACEOUS PARASPORAL CRYSTAL OF BACILLUS THURINGIENSIS IN SOIL not available, not applicable Soil Biology and Biochemistry, 16, 357-360 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.1
KMA 7.1.1/18	Stotzky, G.	2000	PERSISTENCE AND BIOLOGICAL ACTIVITY IN SOIL OF INSECTICIDAL PROTEINS FROM BACILLUS THURINGIENSIS AND OF BACTERIAL DNA BOUND ON CLAYS AND HUMIC ACIDS not available, not applicable Journal of Environmental Quality, 29, 691-705 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.1
KMA 7.1.1/19	Stotzky, G.	2001	RELEASE, PERSISTENCE AND BIOLOGICAL ACTIVITY IN SOIL OF INSECTICIDAL PROTEINS FROM BACILLUS THURINGIENSIS not available, not applicable Genetically engineered organisms, Publisher: CRC Press, 127-222 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.1

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 7.1.1/20	Pruett, C.J.H., Burges, H.D., Wyborn, C.H.	1980	EFFECT OF EXPOSURE TO SOIL ON POTENCY AND SPORE VIABILITY OF BACILLUS THURINGIENSIS not available, not applicable Journal of invertebrate Pathology, 35, 168-174 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.1
KMA 7.1.1/21	Venkateswerlu, G., Stotzky, G.	1992	BINDING OF THE PROTOXIN AND TOXIN PROTEINS OF BACILLUS THURINGIENSIS SUBSP. KURSTAKI ON CLAY MINERALS not available, not applicable Current Microbiology, 25, 225-233 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.1
KMA 7.1.1/22	Tapp, H., Stotzky, G.	1995	INSECTICIDAL ACTIVITY OF THE TOXINS FROM BACILLUS THURINGIENSIS SUBSPECIES KURSTAKI AND TE-NEBRIONIS ADSORBED AND BOUND ON PURE AND SOIL CLAYS not available, not applicable Applied and Environmental Microbiology, 61, 1768-1790 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.1
KMA 7.1.1/23	Crecchio, C., Stotzky, G.	1998	INSECTICIDAL ACTIVITY AND BIODEGRADATION OF THE TOXIN FROM BACILLUS THURINGIENSIS SUBSP. KURSTAKI BOUND TO HUMIC ACIDS FROM SOIL not available, not applicable Soil Biol Biochem, 30, 463-470 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.1

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 7.1.1/24	Crecchio, C., Stotzky, G.	2001	BIODEGRADATION AND INSECTICIDAL ACTIVITY OF THE TOXIN FROM BACILLUS THURINGIENSIS SUBSP. KURSTAKI BOUND ON COMPLEXES OF MONTMORILLONITE-HUMIC ACIDS-A1 HYDROXYPOLYMERS not available, not applicable Soil Biology and Biochemistry, 33, 573-581 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.1
KMA 7.1.1/25	Pusztai, M., Fast, P., Gringorten, L., Kaplan, H., Lessard, T., Carey, P.R.	1991	THE MECHANISM OF SUNLIGHT-MEDIATED INACTIVATION OF BACILLUS THURINGIENSIS CRYSTALS not available, not applicable Biochemical Journal, 273, 43-47 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.1
KMA 7.1.1/26	Sundaram, K.M.S., Sundaram, A., Huddleston, E., Nott, R., Sloane, L., Ross, J., Ledson, M.	1997	DEPOSITION, DISTRIBUTION, PERSISTENCE AND FATE OF BACILLUS THURINGIENSIS VARIETY KURSTAKI (BTK) IN PECAN ORCHARDS FOLLOWING AERIAL AND GROUND APPLICATIONS TO CONTROL PECAN NUT CASEBEARER LARVAE not available, not applicable Journal of Environmental Science and Health, 32, 741-788 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.1

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 7.1.1/27	Akiba, Y.	1991	ASSESSMENT OF RAINWATER-MEDIATED DISPERSION OF FIELD-SPRAYED BACILLUS THURINGIENSIS IN THE SOIL not available, not applicable Japanese Journal of Applied Entomology and Zoology, 26, 477-483 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.1
KMA 7.1.1/01 (KMA 7.1.1/28)	Konecka, E. Baranek, J., Bielinska, I., Tadeja, A., Kaznowski, A.	2013	PERSISTENCE OF THE SPORES OF B. THURINGIENSIS SUBSP. KURSTAKI FROM FORAY BIOINSECTICIDE IN GLEYSOL SOIL AND ON LEAVES not available, not applicable Science of The Total Environment, 472, 296-301 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 7.1.1/02 (KMA 7.1.1/29)	Hendriksen, N.B., Carstensen, J.	2013	LONG-TERM SURVIVAL OF BACILLUS THURINGIENSIS SUBSP. KURSTAKI IN A FIELD TRIAL not available, not applicable Canadian Journal of Microbiology, 59, 34-38 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 7.1.1/03 (KMA 7.1.1/29)	Accinelli, C., Koskinen, W.C., Becker, J.M., Sadowsky, M.J.	2008	MINERALIZATION OF THE BACILLUS THURINGIENSIS CRY1AC ENDOTOXIN IN SOIL not available, not applicable Journal of Agricultural and Food Chemistry, 56, 1025-1028 GLP/GEP: no Published: yes	no	no	not protected	-	N

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 7.1.1/04 (KMA 7.1.1/30)	Marchetti, E., Accinelli, C., Talamé, V., Epifani, R.	2007	PERSISTENCE OF CRY TOXINS AND CRY GENES FROM GENETICALLY MODIFIED PLANTS IN TWO AGRICULTURAL SOILS not available, not applicable Agronomy Journal, 27, 231-236 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 7.1.1/05 (KMA 7.1.1/31)	Icoz, I., Stotzky, G.	2007	CRY3BB1 PROTEIN FROM BACILLUS THURINGIENSIS IN TOOT EXUDATES AND BIOMASS OF TRANSGENIC CORN DOES NOT PERSIST IN SOIL not available, not applicable Transgenic Res, 17, 609-620 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 7.1.1/06 (KMA 7.1.1/32)	Helassa, N., M'Charek, A., Quiquampoix, H., Noinville, S., Dejardin, P., Frutos, R., Staunton, S.	2011	EFFECTS OF PHYSICO-CHEMICAL INTERACTIONS AND MICROBIAL ACTIVITY ON THE PERSISTENCE OF CRY1AA BT (BACILLUS THURINGIENSIS) TOXIN IN SOIL. not available, not available Soil Biol Biochem, 41(3), 1089-1097 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 7.1.1/07 (KMA 7.1.1/33)	Li, Y.-L., Du, J., Fang, Z.-X., You, J.	2013	DISSIPATION OF INSECTICIDAL CRY1AC PROTEIN AND ITS TOXICITY TO NON-TARGET AQUATIC ORGANISMS not available, not applicable Journal of Agricultural and Food Chemistry, 61, 10864-10871 GLP/GEP: no Published: yes	no	no	not protected	-	N

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 7.1.1/08 (KMA 7.1.1/34)	Wang, H., Ye, Q., Gan, J., Wu, L.	2007	BIODEGRADATION OF CRY1AB PROTEIN FROM BT TRANSGENIC RICE IN AEROBIC AND FLOODED PADDY SOILS not available, not applicable Journal of Agricultural and Food Chemistry, 55, 1900-1904 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 7.1.1/09 (KMA 7.1.1/35)	Xue, K., Diaz, B.R., Thies, J.E.	2014	STABILITY OF CRY3BB1 PROTEIN IN SOILS AND ITS DEGRADATION IN TRANSGENIC CORN RESIDUES not available, not applicable Soil Biol Biochem, 76, 119-126 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 7.1.1/10 (KMA 7.1.1/36)	Chen, Z.H., Chen, L.J., Zhang, Y.L., Wu, Z.J.	2011	MICROBIAL PROPERTIES, ENZYME ACTIVITIES AND THE PERSISTENCE OF EXOGENOUS PROTEINS IN SOIL UNDER CONSECUTIVE CULTIVATION OF TRANSGENIC COTTONS (GOSSYPIUM HIRSUTUM L.). not available, not available Plant Soil, 57(2), 67-74 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 7.1.2/01	Menon, A.S., de Mestral, J.	1985	SURVIVAL OF BACILLUS THURINGIENSIS VAR. KURSTAKI IN WATERS not available, not applicable Water Air Soil Poll, 25, 265-274 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.2

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KMA 7.1.2/02	Furlaneto, L., Saridakis, H.O., Arantes, O.M.N.	2000	SURVIVAL AND CONJUGAL TRANSFER BETWEEN BACILLUS THURINGIENSIS STRAINS IN AQUATIC ENVIRONMENT not available, not applicable Brazilian Journal of Microbiology, 31, 233-238 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.2
KMA 7.1.2/03	Glare, T.R., O'Callaghan, M.	2000	BACILLUS THURINGIENSIS: BIOLOGY, ECOLOGY AND SAFETY not available, not applicable John Wiley and Sons Inc New York GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/16	no	no	not protected	-	Y KIIM 7.1.2
KMA 7.1.2/04	Pusztai, M., Fast, P., Gringorten, L., Kaplan, H., Lessard, T., Carey, P.R.	1991	THE MECHANISM OF SUNLIGHT-MEDIATED INACTIVATION OF BACILLUS THURINGIENSIS CRYSTALS not available, not applicable Biochemical Journal, 273, 43-47 GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/25	no	no	not protected	-	Y KIIM 7.1.2
KMA 7.1.2/05	Saleh, S.M., Harris, R.F., Allen, O.N.	1970	FATE OF BACILLUS THURINGIENSIS IN SOIL: EFFECT OF SOIL PH AND ORGANIC AMENDMENT not available, not applicable Canadian Journal of Microbiology, 16, 677-680 GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/02	no	no	not protected	-	Y KIIM 7.1.2

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KMA 7.1.2/06	Akiba, Y.	1986 b	MICROBIAL ECOLOGY OF BACILLUS THURINGIENSIS VI. GERMINATION OF BACILLUS THURINGIENSIS SPORES IN THE SOIL not available, not applicable Japanese Journal of Applied Entomology and Zoology, 21, 76-80 GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/05	no	no	not protected	-	Y KIIM 7.1.2
KMA 7.1.2/07	West, A.W., Burges, H.D., White, R.J., Wyborn, C.H.	1984	PERSISTENCE OF BACILLUS THURINGIENSIS PARASPORAL CRYSTAL INSECTICIDAL ACTIVITY IN SOIL not available, not applicable Journal of invertebrate Pathology, 44, 128-133 GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/09	no	no	not protected	-	Y KIIM 7.1.2
KMA 7.1.2/08	West, A.W., Burges, H.D., Wyborn, C.H.	1984	EFFECT OF INCUBATION IN NATURAL AND AUTOCLAVED SOIL UPON POTENCY AND VIABILITY OF BACILLUS THURINGIENSIS not available, not applicable Journal of invertebrate Pathology, 44, 121-127 GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/10	no	no	not protected	-	Y KIIM 7.1.2

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 7.1.2/09	West, A.W., Burges, H.D., Dixon, T.Y., Wyborn, C.H.	1985	SURVIVAL OF BACILLUS THURINGIENSIS AND BACILLUS CEREUS SPORE INOCULA IN SOIL: EFFECTS OF PH, MOISTURE, NUTRIENT AVAILABILITY AND INDIGENOUS MICROORGANISMS not available, not applicable Soil Biol Biochem, 17, 657-665 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.2
KMA 7.1.2/10	Visser, S., Addison, J.A., Holmes, S.B.	1994	EFFECTS OF DIPEL 176, A BACILLUS THURINGIENSIS SUBSP. KURSTAKI (B.T.K.) FORMULATION, ON THE SOIL MICROFLORA AND FATE OF B.T.K. IN AN ACID FOREST SOIL: A LABORATORY STUDY not available, not applicable Canadian Journal of Forest Research, 24, 462-471 GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/01	no	no	not protected	-	Y KIIM 7.1.2
KMA 7.1.2/11	Pedersen, J.C., Damgaard, P.H., Eilenberg, J., Hansen, B.M.	1995	DISPERSAL OF BACILLUS THURINGIENSIS VAR. KURSTAKI IN AN EXPERIMENTAL CABBAGE FIELD not available, not applicable Canadian Journal of Microbiology, 41, 118-125 GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/11	no	no	not protected	-	Y KIIM 7.1.2

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KMA 7.1.2/12	Akiba, Y.	1991	ASSESSMENT OF RAINWATER-MEDIATED DISPERSION OF FIELD-SPRAYED BACILLUS THURINGIENSIS IN THE SOIL not available, not applicable Japanese Journal of Applied Entomology and Zoology, 26, 477-483 GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/27	no	no	not protected	-	Y KIIM 7.1.2
KMA 7.1.2/13	West, A.W.	1984	FATE OF THE INSECTICIDAL, PROTEINACEOUS PARASPORAL CRYSTAL OF BACILLUS THURINGIENSIS IN SOIL not available, not applicable Soil Biology and Biochemistry, 16, 357-360 GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/17	no	no	not protected	-	Y KIIM 7.1.2
KMA 7.1.2/14	Stotzky, G.	2000	PERSISTENCE AND BIOLOGICAL ACTIVITY IN SOIL OF INSECTICIDAL PROTEINS FROM BACILLUS THURINGIENSIS AND OF BACTERIAL DNA BOUND ON CLAYS AND HUMIC ACIDS not available, not applicable Journal of Environmental Quality, 29, 691-705 GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/18	no	no	not protected	-	Y KIIM 7.1.2

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 7.1.2/15	Stotzky, G.	2001	RELEASE, PERSISTENCE AND BIOLOGICAL ACTIVITY IN SOIL OF INSECTICIDAL PROTEINS FROM BACILLUS THURINGIENSIS not available, not applicable Genetically engineered organisms, Publisher: CRC Press, 127-222 GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/19	no	no	not protected	-	Y KIIM 7.1.2
KMA 7.1.2/16	Crecchio, C., Stotzky, G.	1998	INSECTICIDAL ACTIVITY AND BIODEGRADATION OF THE TOXIN FROM BACILLUS THURINGIENSIS SUBSP. KURSTAKI BOUND TO HUMIC ACIDS FROM SOIL not available, not applicable Soil Biol Biochem, 30, 463-470 GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/23	no	no	not protected	-	Y KIIM 7.1.2
KMA 7.1.2/17	Crecchio, C., Stotzky, G.	2001	BIODEGRADATION AND INSECTICIDAL ACTIVITY OF THE TOXIN FROM BACILLUS THURINGIENSIS SUBSP. KURSTAKI BOUND ON COMPLEXES OF MONTMORILLONITE-HUMIC ACIDS-A1 HYDROXYPOLYMERS not available, not applicable Soil Biology and Biochemistry, 33, 573-581 GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/24	no	no	not protected	-	Y KIIM 7.1.2

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KMA 7.1.2/18	Venkateswerlu, G., Stotzky, G.	1992	BINDING OF THE PROTOXIN AND TOXIN PROTEINS OF BACILLUS THURINGIENSIS SUBSP. KURSTAKI ON CLAY MINERALS not available, not applicable Current Microbiology, 25, 225-233 GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/21	no	no	not protected	-	Y KIIM 7.1.2
KMA 7.1.2/01 (KMA 7.1.2/19)	Wang, H., Ye, Q., Gan, J., Wu, L.	2007	BIODEGRADATION OF CRY1AB PROTEIN FROM BT TRANSGENIC RICE IN AEROBIC AND FLOODED PADDY SOILS not available, not applicable Journal of Agricultural and Food Chemistry, 55, 1900-1904 GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/08	no	no	not protected	-	N
KMA 7.1.2/02 (KMA 7.1.2/20)	Li, Y.-L., Du, J., Fang, Z.-X., You, J.	2013	DISSIPATION OF INSECTICIDAL CRY1AC PROTEIN AND ITS TOXICITY TO NON-TARGET AQUATIC ORGANISMS not available, not applicable Journal of Agricultural and Food Chemistry, 61, 10864-10871 GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/07	no	no	not protected	-	N

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KMA 7.1.2/03 (KMA 7.1.2/21)	Douville, M., Gagné, F., Blaise, C., André, C.	2006	OCCURRENCE AND PERSISTENCE OF BACILLUS THURINGIENSIS (BT) AND TRANSGENIX BT CORN CRY1AB GENE FROM AN AQUATIC ENVIRONMENT not available, not applicable Ecotoxicol Environ Saf, 66, 195-203 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 7.1.2/04 (KMA 7.1.2/22)	Strain, K.E., Lydy, M.J.	2015	THE FATE AND TRANSPORT OF THE CRY1AB PROTEIN IN AN AGRICULTURAL FIELD AND LABORATORY AQUATIC MICROCOSMS not available, not applicable Chemosphere, 132, 94-100 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 7.1.2/05 (KMA 7.1.2/23)	Strain, K.E., Whiting, S.A., Lydy, M.J.	2014	LABORATORY AND FIELD VALIDATION OF A CRY1AB PROTEIN QUANTITATION METHOD FOR WATER not available, not applicable Talanta, 128, 109-116 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 7.1.2/06 (KMA 7.1.2/24)	Al-Wasify, R.S., Al-Sayed, A.A., Kamel, M.M.	2013	SENSITIVITY AND SPECIFICITY OF CHROMOGENIC MEDIA FOR DETECTION OF SOME PATHOGENS IN WATER not available, not applicable International Journal of Environment and Sustainability, 2, 1-9 GLP/GEP: no Published: yes	no	no	not protected	-	N

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 7.1.3/01	Griego, V.M., Spence, K.D.	1978	INACTIVATION OF BACILLUS THURINGIENSIS SPORES BY ULTRAVIOLET AND VISIBLE LIGHT not available, not applicable Applied and Environmental Microbiology, 35, 906-910 GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/12	no	no	not protected	-	Y KIIM 7.1.3
KMA 7.1.3/02	Myasnik, M., Manasherob, R., Ben-Dov, E., Zaritsky, A., Margalith, Y., Barak, Z.	2001	COMPARATIVE SENSITIVITY TO UV-B RADIATION OF TWO BACILLUS THURINGIENSIS SUBSPECIES AND OTHER BACILLUS SP. not available, not applicable Current Microbiology, 43, 140-143 GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/13	no	no	not protected	-	Y KIIM 7.1.3
KMA 7.1.3/03	Pusztai, M., Fast, P., Gringorten, L., Kaplan, H., Lessard, T., Carey, P.R.	1991	THE MECHANISM OF SUNLIGHT-MEDIATED INACTIVATION OF BACILLUS THURINGIENSIS CRYSTALS not available, not applicable Biochemical Journal, 273, 43-47 GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/25	no	no	not protected	-	Y KIIM 7.1.3

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KMA 7.1.3/04	Pedersen, J.C., Damgaard, P.H., Eilenberg, J., Hansen, B.M.	1995	DISPERSAL OF BACILLUS THURINGIENSIS VAR. KURSTAKI IN AN EXPERIMENTAL CABBAGE FIELD not available, not applicable Canadian Journal of Microbiology, 41, 118-125 GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/11	no	no	not protected	-	Y KIIM 7.1.3
KMA 7.1.3/05	Ignoffo, C.M., Hostetter, D.L., Pinnell, R.E.	1974	STABILITY OF BACILLUS THURINGIENSIS AND BACULOVIRUS HELIOTHIS ON SOYBEAN FOLIAGE not available, not applicable Environ Entomol, 3, 117-119 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.3
KMA 7.1.3/06	Pinnock, D.E., Brand, R.J., Jackson, K.L., Milstead, J.E.	1974	THE FIELD PERSISTENCE OF BACILLUS THURINGIENSIS SPORES ON CERCIS OCCIDENTALIS LEAVES not available, not applicable Journal of invertebrate Pathology, 23, 341-346 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.3
KMA 7.1.3/07	Leong, K.L.H., Cano, R.J., Kubinski, A.M.	1980	FACTORS AFFECTING BACILLUS THURINGIENSIS TOTAL FIELD PERSISTENCE not available, not applicable Environ Entomol, 9, 593-599 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.3

Data point CADDY (ongoing number- ing)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Verte- brate study Y/N	Data protec- tion claimed Y/N	Justifica- tion if data protection is claimed	Own- er	Previous- ly sub- mitted Y/N* If Y => old data point
KMA 7.1.3/08	Teschke, K., Chow, Y., Bartlett, K., Ross, A., van Netten, C.	2001	SPATIAL AND TEM- PORAL DISTRIBUTION OF AIRBORNE BACILLUS THURINGIENSIS VAR. KURSTAKI DURING AN AERIAL SPRAY PROGRAM FOR GYP- SY MOTH ERADICA- TION not available, not appli- cable Environ Health Perspect, 109, 47-54 GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/14	no	no	not protect- ed	-	Y KIIM 7.1.3
KMA 7.1.3/09	Glare, T.R., O'Callaghan, M.	2000	BACILLUS THURINGIENSIS: BIOLOGY, ECOLOGY AND SAFETY not available, not appli- cable John Wiley and Sons Inc New York GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/16	no	no	not protect- ed	-	Y KIIM 7.1.3
KMA 7.1.3/10	Dent, D.R.	1993	THE USE OF BACIL- LUS THURINGIENSIS AS AN INSECTICIDE not available, not appli- cable Exploitation of Microor- ganisms, Publisher: Chapman & Hall, 19-44 GLP/GEP: no Published: yes	no	no	not protect- ed	-	Y KIIM 7.1.3

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 7.1.3/11	Sundaram, K.M.S., Sundaram, A., Huddleston, E., Nott, R., Sloane, L., Ross, J., Ledson, M.	1997	DEPOSITION, DISTRIBUTION, PERSISTENCE AND FATE OF BACILLUS THURINGIENSIS VARIETY KURSTAKI (BTK) IN PECAN ORCHARDS FOLLOWING AERIAL AND GROUND APPLICATIONS TO CONTROL PECAN NUT CASEBEARER LARVAE not available, not applicable Journal of Environmental Science and Health, 32, 741-788 GLP/GEP: no Published: yes Submitted in: KMA 7.1.1/26	no	no	not protected	-	Y KIIM 7.1.3
KMA 7.1.3/12	Walgenbach, J.F., Leidy, R.B., Sheets, T.J.	1991	PERSISTENCE OF INSECTICIDES ON TOMATO FOLIAGE AND IMPLICATIONS FOR CONTROL OF TOMATO FRUITWORM (LEPIDOPTERA: NOCTUIDAE) not available, not applicable Journal of Economic Entomology, 84, 978-986 GLP/GEP: no Published: yes	no	no	not protected	-	Y KIIM 7.1.3
KMA 7.1.3/01 (KMA 7.1.3/13)	Emanuel P.A., Buckley P.E., Sutton T.A., Edmonds J.M., Bailey A.M., Rivers B.A., others	2012	DETECTION AND TRACKING OF A NOVEL GENETICALLY TAGGED BIOLOGICAL SIMULANT IN THE ENVIRONMENT. not available, not available Applied and Environmental Microbiology, 78(23), 281-288 GLP/GEP: no Published: yes	no	no	not protected	-	N

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 7.2/01	Zhou, X., Gao, J., Huang, Q., Xiong, J.	2010	CONFIRMATION STUDIES OF THE INTERACTION OF THE PEST-RESISTANT TOXIN FROM BACILLUS THURINGIENSIS WITH BROWN AND RED SOILS not available, not applicable International Journal of Chemical Reactor Engineering, 8, 1-14 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 7.2/02	Zhou, X.Y., Liu, H.F., Lu, X.Z., Hao, J-C., Dong, Q-J	2013	ADSORPTION THERMODYNAMIC CHARACTERISTICS OF CRY1AB TOXIN FROM BACILLUS THURINGIENSIS IN CHINESE LATOSOL not available, not available Asian Journal of Chemistry, 25(13), 7319-7322 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 7.2/03	Hung, T.P., Truong, L.V., Binh, N.D., Frutos, R., Quiquampoix, H., Staunton, S.	2016	COMPARISON OF THE AFFINITY AND EXTRACTION YIELD OF TRACE AMOUNTS OF THREE CRY PROTEINS FROM BACILLUS THURINGIENSIS IN CONTRASTING TYPES OF SOIL. not available, not available Eur J Soil Sci, 67(1), 90.98 GLP/GEP: no Published: yes	no	no	not protected	-	N

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 7.2/04	Helassa, N., Quiquampoix, H., Noinville, S., Szponarski, W., Staunton, S.	2009	ADSORPTION AND DESORPTION OF MONOMERIC BT (BACILLUS THURINGIENSIS) CRY1AA TOXIN ON MONTMORILLONITE AND KAOLINITE not available, not applicable Soil Biol Biochem, 41, 498-504 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 7.2/05	Pagel-Wieder, S., Niemeyer, J., Fischer, W.R., Gessler, F.	2007	EFFECTS OF PHYSICAL AND CHEMICAL PROPERTIES OF SOILS ON ADSORPTION OF THE INSECTICIDAL PROTEIN (CRY1AB) FROM BACILLUS THURINGIENSIS AT CRY1AB PROTEIN CONCENTRATIONS RELEVANT FOR EXPERIMENTAL FIELD SITES not available, not applicable Soil Biol Biochem, 39, 3034-3042 GLP/GEP: no Published: yes	no	no	not protected	-	N
KMA 7.2/06	Fu, Q., Deng, Y., Li, H., Liu, J., Hu, H., Chen, S., Sa, T.	2008	EQUILIBRIUM, KINETIC AND THERMODYNAMIC STUDIES ON THE ADSORPTION OF THE TOXINS OF BACILLUS THURINGIENSIS SUBSP. KURSTAKI BY CLAY MINERALS not available, not applicable Applied Surface Science, 255, 4551-4557 GLP/GEP: no Published: yes	no	no	not protected	-	N

Volume 2 - List of the tests, studies and information submitted

Data point CADDY (ongoing numbering)	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previously submitted Y/N* If Y => old data point
KMA 7.2/07 1. additional submission	Fu, Q., Hu, H., Chen, S., Huang, Q., Liang, W.	2007	ADSORPTION OF INSECTICIDAL TOXIN FROM BACILLUS THURINGIENSIS SUBSP. KURSTAKI BY SOME CHINESE SOILS: EFFECTS OF ORGANIC ACID LIGANDS ADDITION NOT AVAILABLE, NOT APPLICABLE PLANT SOIL, 296, 35 - 41 GLP/GEP: NO PUBLISHED: YES	no	no	not protected	-	N

A.9 Ecotoxicology data

Data point	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
ANNEX II DATA							
KMA 8.1/01	██████████ ██████████ ██████████ ██████████	1990 a	CGA-237218 TECHNICAL (GC-91) - AN AVIAN ORAL PATHOGENICITY AND TOXICITY STUDY IN THE BOBWHITE Certis USA LLC, 108-308 ████████████████████ ████████████████████ ██████████ GLP: yes Published: no	yes	no	not protected	CEU
KMA 8.1/02	██████████ ██████████ ██████████ ██████████	1990 b	CGA-237218 TECHNICAL (GC-91) - AN AVIAN ORAL PATHOGENICITY AND TOXICITY STUDY IN THE MALLARD Certis USA LLC, 108-309 ████████████████████ ████████████████████ ██████████ GLP: yes Published: no	yes	no	not protected	CEU
KMA 8.2.1/01	██████████ ██████████	1991 a	(CGA-237218 TECHNICAL MATERIAL) - INFECTIVITY AND PATHOGENICITY TO RAINBOW TROUT (ONCORHYNCHUS MYKISS) DURING A 32-DAY STATIC RENEWAL TEST Certis USA LLC, 90-6-3363 ████████████████████ ████████████████████ ██████████ GLP: yes Published: no	yes	no	not protected	CEU

Data point	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
ANNEX II DATA							
KMA 8.2.1/02	██████████ ██████████	1991 b	CGA-237218 - INFECTIVITY AND PATHOGENICITY TO SHEEPSHEAD MINNOW (CYPRINODON VARIEGATUS) DURING A 30-DAY STATIC RENEWAL TEST Certis USA LLC, 90-8-3439 ████████████████████ ████████████████████ ██████████ GLP: yes Published: no	yes	no	not protected	CEU
KMA 8.2.2/01	Collins, M.K.	1997	CGA-237218 ACUTE TOXICITY TO DAPHNIDS, DAPHNIA MAGNA, UNDER STATIC-RENEWAL CONDITIONS Certis USA LLC, 97-1-6842 Springborn Laboratories Inc., Massachusetts, USA GLP: yes Published: no	no	yes	protected	CEU
KMA 8.2.2/02	Christensen, K.P.	1991 c	CGA-237218 CHRONIC TOXICITY TO DAPHNIDS (DAPHNIA MAGNA) UNDER STATIC RENEWAL CONDITIONS Certis USA LLC, 90-7-3385 Springborn Laboratories Inc., Massachusetts, USA GLP: yes Published: no	no	no	not protected	CEU

Data point	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
ANNEX II DATA							
KMA 8.2.2/03	Collins, M.K.	1993	INFECTIVITY AND PATHOGENICITY TO DAPHNIDS (DAPHNIA MAGNA) DURING A 21-DAY STATIC RE-NEWAL TEST Certis USA LLC, 93-10-4968 Springborn Laboratories Inc., Massachusetts, USA GLP: yes Published: no	no	no	not protected	CEU
KMA 8.2.2/04	Christensen, K.P.	1991	CGA-237218 TECHNICAL MATERIAL - INFECTIVITY AND PATHOGENICITY TO GRASS SHRIMP (PALAEMONETES VULGARIS) DURING A 30-DAY STATIC RE-NEWAL TEST Certis USA LLC, 90-6-3445 Springborn Laboratories Inc., Massachusetts, USA GLP: yes Published: no	no	no	not protected	CEU
KMA 8.2.2/05	Oliveira-Filho, E.C., Freitas Muniz, D.H., Souza Freire, I., Ramos, F.R., Teixeira Alves, R., Jonsson, C.M., Koppe Grisolia, C., Gomes Monnerat, R.	2011	SUSCEPTIBILITY OF NON-TARGET INVERTEBRATES TO BRAZILIAN MICROBIAL PEST CONTROL AGENTS not available, not applicable Ecotoxicology, 20, 1354-1360 GLP/GEP: no Published: yes	no	no	not protected	-

Data point	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
ANNEX II DATA							
KMA 8.2.3/01	Grade, R.	1993	REPORT ON THE GROWTH INHIBITATION TEST OF CGA 237218 TECH. TO GREEN ALGAE (SCENEDESMUS SUBSPICATUS) Certis USA LLC, 938007 CIBA-GEIGY Ltd., CH-4002 Basel, Switzerland GLP: yes Published: no	no	no	not protected	CEU
KMA 8.3/01	Winter, P.A., Hoxter, K.A., Smith, G.J.	1991 a	CGA-237218 A DIETARY PATHOGENICITY AND TOXICITY STUDY WITH THE HONEY BEE Certis USA LLC, 108-310A Wildlife International, Ltd., Easton, Maryland, USA GLP: yes Published: no	no	no	not protected	CEU
KMA 8.3/02	Parrish, J.R., Yeager, B.	1994	HONEY BEE TOXICITY FEEDING TEST/CHRONIC- CGA-237218 CERTIS USA LLC, HB419 BIO/WEST, INC., UTAH 84321, USA GLP: YES PUBLISHED: NO	no	no	not protected	CEU
KMA 8.3/03	Mommaerts, V., Jans, K., Smagghe, G.	2010	IMPACT OF BACILLUS THURINGIENSIS STRAINS ON SURVIVAL, REPRODUCTION AND FORAGING BEHAVIOUR IN BUMBLEBEES (BOMBUS TERRESTRIS) not available, not applicable Pest Management Science, 66, 520-525 GLP/GEP: no Published: yes	no	no	not protected	-

Data point	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
ANNEX II DATA							
KMA 8.3/04	del Mar Leza, M., Llado, G., Petro, A.B., Alemany, A.	2014	FIRST FIELD ASSESSMENT OF <i>BACILLUS THURINGIENSIS</i> SUBSP. <i>KURSTAKI</i> AERIAL APPLICATION ON THE COLONY PERFORMANCE OF <i>APIS MELIFERA</i> L. (HYMENOPTERA:APIDAE) not available, not applicable Spanish J. of Agricult. Research, 12, 405-408 GLP/GEP: no Published: yes	no	no	not protected	-
KMA 8.4/01	Thompson, M.M., Hoxter, K.A., Smith, G.J.	1991	CGA-237218 A DIETARY PATHOGENICITY AND TOXICITY STUDY WITH THE GREEN LACEWING LARVAE Certis USA LLC, 108-312 Wildlife International, Ltd., Easton, Maryland, USA GLP: yes Published: no	no	no	not protected	CEU
KMA 8.4/02	Winter, P.A., Hoxter, K.A., Smith, G.J.	1991 b	CGA-237218 A DIETARY PATHOGENICITY AND TOXICITY STUDY WITH THE PARASITIC HYMENOPTERAN <i>UGA MENONI</i> Certis USA LLC, 108-311A Wildlife International, Ltd., Easton, Maryland, USA GLP: yes Published: no	no	no	not protected	CEU

Data point	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
ANNEX II DATA							
KMA 8.4/03	Thompson, M.M., Hoxter, K.A., Jaber, M.	1991	CGA-237218 A DIETARY PATHOGENICITY AND TOXICITY STUDY WITH LADYBIRD BEETLES Certis USA LLC, 108-313 Wildlife International, Ltd., Easton, Maryland, USA GLP: yes Published: no	no	no	not protected	CEU
KMA 8.4/04	Bernard, M.B., Cole, P., Kobelt, A., Horne, P.A., Altmann, J., Wratten, S.D., Yen, A.L.	2010	REDUCING THE IMPACT OF PESTICIDES ON BIOLOGICAL CONTROL IN AUSTRALIAN VINEYARDS: PESTICIDE MORTALITY AND FECUNDITY EFFECTS ON AN INDICATOR SPECIES, THE PREDATORY MITE EUSEIUS VICTORIENSIS (ACARI: PHYTOSEIIDAE) not available, not applicable Entomol Society of America, 103(6), 2061-2071 GLP/GEP: no Published: yes	no	no	not protected	-
KMA 8.4/05	Carvalho, G.A., Moura, A.P., Bueno, V.H.P.	2006	SIDE EFFECTS OF PESTICIDES ON TRICHOGRAMMA PRETIOSUM (HYMENOPTERA: TRICHOGRAMMATIDAE) not available, not applicable IOBC/wprs Bulletin, 29 GLP/GEP: no Published: yes	no	no	not protected	-

Data point	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
ANNEX II DATA							
KMA8.4/06	Garcia, P.V., Pereira, N., Oliveira, L.M.	2008	SIDE-EFFECTS OF ORGANIC AND SYNTHETIC PESTICIDES ON COLD-STORED DIAPAUSING PREPUPAE OF TRICHOGRAMMA CORDUBENSIS not available, not applicable BioControl, 54, 451-458 GLP/GEP: no Published: yes	no	no	not protected	-
KMA 8.4/07	Garantonakis, N., Variakou, K., Biorouraki, A.	2016	COMPARATIVE SELECTIVITY OF PESTICIDES USED IN GREENHOUSES, ON THE APHID PARASITOID APHIDIUS COLEMANI (HYMENOPTERA: BRACONIDAE) not available, not applicable Biocontrol Science and Technology, 26, 678-690 GLP/GEP: no Published: yes	no	no	not protected	-
KMA 8.4/08	Momanyi, G., Maranga, R., Sithanatham, S., Agong, S., Matoka, C.M., Hassan, S.A.	2012	EVALUATION OF PERSISTENCE AND RELATIVE TOXICITY OF SOME PEST CONTROL PRODUCTS TO ADULTS OF TWO NATIVE TRICHOGRAMMATID SPECIES IN KENYA not available, not applicable not available GLP/GEP: no Published: no	no	no	not protected	

Data point	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
ANNEX II DATA							
KMA 8.4/09	Amichot, M., Curty, C., Benguettat-Magliano, O., Gallet, A., Wajnberg, E.	2015	SIDE EFFECTS OF BACILLUS THURINGIENSIS VAR. KURSTAKI ON THE HYMENOPTEROUS PARASITIC WASP TRICHOGRAMMA CHILONIS not available, not applicable Environmental Science & Pollution Research 2 (2), 23, 3097-3103 GLP/GEP: no Published: yes	no	no	not protected	-
KMA 8.5/01	Bilej, M., Prochazkova, P., Silerova, M., Joskova, R.	2010	EARTHWORM IMMUNITY not available, not applicable Invertebrate Immunity, Kenneth Söderhäll (ed), 66-79 GLP/GEP: no Published: yes	no	no	not protected	-
KMA 8.6/01	O'Callaghan, M., Gerard, E., Sarithchandra, U.	2007	ANALYSIS OF NON-TARGET IMPACTS OF FORAY 48B ON SOIL MICRO-ORGANISMS not available, not applicable BioControl, 6, 133-134 GLP/GEP: no Published: yes	no	no	not protected	-
KMA 8.6/02	Scheepmaker, J. W. A., van de Kastele, J.	2011	EFFECTS OF CHEMICAL CONTROL AGENTS AND MICROBIAL BIOCONTROL AGENTS ON NUMBERS OF NON-TARGET MICROBIAL SOIL ORGANISMS: A META-ANALYSIS not available, not applicable Biocontrol Science and Technology, 21, 1225-1242 GLP/GEP: no Published: yes	no	no	not protected	-

Annex III data

Data point	Author(s)	Year	Title Owner, Report No. Source (where different from owner) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KMP 10.2/01	Dengler, D.	2010	Assessment of toxic effects of Agree WG on <i>Daphnia</i> <i>magna</i> using 48h Acute Immobilisation Test Certis USA LLC, S10- 02545 Eurofins Agrosience Ser- vices GmbH GLP: yes Published: no	no	yes	New data for existing for- mulation, not previously submitted nor evaluat- ed	CEU
KMP 10.3/01	Kleiner, R.	1992	Testing toxicity to honey- bee - <i>Apis mellifera</i> L. (laboratory) according to BBA Guideline VI, 23-1 (1991) Certis USA LLC, 92 10 48 068 BioChem Agrar, Cunners- dorf, Germany GLP: yes Published: no	no	no	not protected	CEU
KMP 10.4/01	Warmers, C.	2005a	TUREX 50 WP: Acute Toxicity to the Aphid Par- asitoid, <i>Aphidius</i> <i>rhopalosiphii</i> De Stefani Perez (Hymenoptera, Braconidae) in the Labora- tory (Limit Test) Certis USA LLC, 20051317/01-NLAp GAB Biotechn. GmbH & GAB Analytik GmbH, Niefern-Öschelbronn GLP: yes Published: no	no	no	not protected	CEU

KMP 10.4/02	Warmers, C.	2005b	<p>Turex 50 WP: Toxicity to the Predatory Mite, Typhlodromus pyri Scheuten (Acari, Phytoseiidae) in the Laboratory (Limit Test)</p> <p>Certis USA LLC, 20051317/01-NLTp</p> <p>GAB Biotechn. GmbH & GAB Analytik GmbH, Niefern-Öschelbronn</p> <p>GLP: yes</p> <p>Published: no</p>	no	no	not protected	CEU
KMP 10.5/01	Winkler, J.	1992a	<p>Acute toxicity earthworm test - Eisenia foetida according to the OECD Guideline 207</p> <p>Certis USA LLC, 921049014</p> <p>BioChem GmbH, Cunnernsdorf, Germany</p> <p>GLP: yes</p> <p>Published: no</p>	no	no	not protected	CEU
KMP 10.6/01	Winkler, J.	1992b	<p>Effects on the activity of soil microflora according to the BBA Guideline VI, 1-1 (1990)</p> <p>Certis USA LLC, 921049013</p> <p>BioChem GmbH, Cunnernsdorf, Germany</p> <p>GLP: yes</p> <p>Published: no</p>	no	no	not protected	CEU