

APPENDIX XI

ESTABLISHMENT OF CODEX SCHEDULES AND PRIORITY LISTS OF PESTICIDES FOR EVALUATION BY JMPR

2024 - NEW COMPOUND EVALUATIONS											
PRIORITY	DATE STAMP	TOXICOLOGY	RESIDUE	PRIORITISATION CRITERIA			COMMODITIES	RESIDUE TRIALS	MEMBER / MANUFACTURER	COMMENTS	APPEARING IN 2022 JMPR DATA CALL-IN FOR EVALUATION IN 2023
				REGISTERED	MRLS > LOQ	FAO NOMINATION FORM RECEIVED?					
2024	7/11/2017	XDE-659 (Florylpicoxamid)	XDE-659 (Florylpicoxamid)	Yes	Yes (TBC 2019)	Yes	Cucumber, Melon, Squash, Grapes, Strawberry, Mango, Banana, Lettuce, Dry beans and peas, Lettuce, Pepper, Tomato, Canola, Wheat, Sugarbeets, Barley	Cucumber (18+ 8 GH), Melon (17), Squash (14), Grapes (30), Strawberry (19), Mango (8), Banana (26), Lettuce (27), Dry beans and peas (14+10), Sugarbeet (18), Pepper (24), Tomato (40 +8), Canola (22), Wheat (59), Barley (38)	Corteva/USA via Exponent	Fungicide for 2023 schedule; Barley has been added now to the list for 2023 review. Advised by Corteva on 12 September 2022 that all crops will have labels by December 2022.	Yes, evaluation in 2023. On 26 January 2023 WHO advised that tox evaluation will occur during 2023 JMPR.
2024	29/08/2018	Fluoxapiprolin (BCS-CS55621)	Fluoxapiprolin (BCS-CS55621)	Yes	Yes	Yes	POTATOES, TOMATO, ONION	Potatoes (9 + 3 processing), Tomato (13 + 3 processing), Onion (9)	Bayer AG, Division Crop Science	Fungicide; was not in JMPR data call in for 2020 so moved to 2021. In November 2019 the company requested this move to 2022 schedule. 10 June 2021 moved to 2023 schedule on request from company.	Yes, but company advised that they could not submit the full dossier by December 2022 and wished to keep the compound scheduled for 2024.
2024	2/12/2019	SYN522 (Cyclobutrifluram)	SYN522 (Cyclobutrifluram)	Yes	Yes	Yes (from Canada)	SOYBEAN (VD 0541), TUBEROUS AND CORM VEGETABLES SUBGROUP (VR 2071), FRUITING VEGETABLES CUCURBITS CUCUMBER AND SQUASHES SUBGROUP (VC 2039), FRUITING VEGETABLES CUCURBITS MELONS AND WINTER SQUASHES SUBGROUP (VC 2040), MAIZE CEREALS SUBGROUP (GC 2091), TOMATOES SUBGROUP (VO 2045)	Soybean (8), Maize (8) potato (19), tomato (17), cucumber (13), melon (8), Courgette (5)	Canada/Syngenta	To be submitted December 2021; first registrations Guatemala/Argentina in September 2021. Other countries to follow (USA, Canada, Brazil, Mexico, China, Japan, India, Korea). Requested to be moved to 2023. Honduras label provided 3 June 2021.	On 27 April 2023, commodities and residue trials updated by manufacturer.
2024	01/12/2020	Carfentrazone	Carfentrazone	Yes	Yes	Yes	WHEAT, BARLEY, SORGHUM, RICE, COTTON, SUNFLOWER, BEANS, PEAS	Wheat (14), Barley (0, supported by wheat trials), Sorghum (10), Rice (10), Cotton (15), Sunflower (5), Beans (5), Peas (11)	USA/FMC	Requested by USA 01 December 2020. On 2 April 2022, FMC confirmed preparedness for evaluation in 2023.	On 27 April 2023, commodities and residue trials updated by manufacturer.
2024	21/04/2021	Fenpropidin	Fenpropidin	Yes	Yes	Yes	BANANA (FI 0327), WHEAT (GC 0654), BARLEY (GC 0640) SOYBEAN (VD 0541), SUGARBEET (VR 0596), GRAPES (FB 0269), COTTON (SO 0691)	Bananas (13), barley (18), wheat (18), soybean (8), grapes (6), cotton (5), sugar beet (16)	Syngenta	Requested on 21 April 2021 as lower priority than cyclobutrifluram. Product registered but approved labels were not submitted in the eWG portal. Labels provided 17 September 2021.	
2024	25/11/2021	Florpyrauxifen-benzyl (XDE-848)	Florpyrauxifen-benzyl (XDE-848)	Yes	Yes	Yes	RICE, CORN, SOYBEAN, SUGARCANE, SUGAR BEET, PASTURE	Rice (59), corn (22), soybean (2), sugarcane (7), sugar beet (16), pasture (75 trials)	Corteva/USA	Registered for rice in Korea (2017) and other countries; registration in corn, sugarcane, sugar beet, soybeans in process in several countries. Nomination provided 25 November 2021 (Candidate for LPH category).	

2024 - NEW USES AND OTHER EVALUATIONS										
PRIORITY	DATE STAMP	TOXICOLOGY	RESIDUE	PRIORITISATION CRITERIA		COMMODITIES	RESIDUE TRIALS	MEMBER / MANUFACTURER	COMMENTS	APPEARING IN 2022 JMPR DATA CALL-IN FOR EVALUATION IN 2023
				REGISTERED	MRLS > LOQ					
2024	28/11/2017	NA	Flupyradifurone (285)	Yes	Yes	OLIVE, rapeseed	Olive (8), rapeseed (12 = 1 processing)	Bayer AG	On 10 June 2021 company cancelled sweet sorghum and date nomination and requested olives and rapeseed move to 2023.	
2024	31/01/2018	NA	Azoxystrobin (229)	Yes	Yes	AVOCADO (F10326), PINEAPPLE (F10353), Melon (VC 0046), sweet potato (VR 0508)	Avocado (10), Pineapple (4), Melon (8), sweet potato (5)	Syngenta	Requested for 2023 JMPR review; Updated 3 February 2022 on request from Syngenta to include avocado and pineapple (both registered). On 9 February 2022, WHO advised of a follow up tox evaluation for JMPR 2022 September session. On 15 April 2022 China withdrew this nomination; Syngenta's nominations remain. On 27 April 2023, commodities and residue trials updated by manufacturer.	
2024	04/02/2023	NA	Azoxystrobin (229)	Yes	MRL not available	Chinese broccoli, chili	Chinese broccoli, chili	Thailand	CRD 16	
2024	04/02/2023	NA	Azoxystrobin (229)	Yes	MRL not available	CUMIN	Monitoring data	India	On 4 February 2023, proof of registration provided by India	
2024	Backdated date stamp alfalfa registered Nov 2014	NA	Lambda-cyhalothrin (146)	Yes	Yes	SUBGROUP 1C Oranges, Sweet, Sour FC0004, Subgroup 1D Pummelos FC 0005, Subgroup 1A Lemons and Limes FC0002, ALFALFA	Citrus (16), Alfalfa (16)	Syngenta	Requested for 2023 JMPR review; Updated 3 February 2022 on request from Syngenta to include citrus and alfalfa (registered). On 15 April 2022 China withdrew their nominations; Syngenta's nominations remain. On 10 September 2022 advised by Syngenta that a new label for citrus has been submitted and approval expected 4Q 2023.	Yes, but in error. No evaluation conducted in 2023.
2024	26/11/2019	NA	Buprofezin (173)	Yes	Yes	Rice	Rice (10+2 processing)	Republic of Korea	Requested for 2023 JMPR review	
2024	26/11/2019	NA	Etofenprox (184)	Yes	Yes	Rice	Rice (10+2 processing)	Republic of Korea	Requested for 2023 JMPR review	
2024	26/11/2019	NA	Flubendiamide (242)	Yes	Yes	Rice	Rice (10+2 processing)	Republic of Korea	Requested for 2023 JMPR review. 3 June 2022-previous strikeout seems to have been an error, so corrected here.	
2024	26/11/2019	NA	Tebufenozide (196)	Yes	Yes	Rice	Rice (10+2 processing)	Republic of Korea	Requested for 2023 JMPR review. 3 June 2022-previous strikeout seems to have been an error, so corrected here.	
2024	28/11/2019	NA	Tetraniliprole (324)	Yes	Yes	RICE (foliar), CEREALS	Rice (12), Cereals (16)	Bayer AG	Requested for 2022 JMPR review; 10 June 2021 company requested to move to 2023. On 27 April 2023, commodities and residue trials updated by manufacturer.	
2024	26/02/2021	NA	Pydiflumetofen (309)	Yes	Yes	CRANBERRY, sub group Cane berries (FB 2005), COFFEE BEANS (FB 0716), Dragon fruit (FI 2540), Pepper (VO 4303), Tomato (VO0448), LETTUCE HEAD (VL 0482), LETTUCE LEAF (VL 0483), COTTONSEED (SO 0691), MANGO (FI 0345)	Cranberry (8), Coffee beans (8), Dragon fruit (4), Pepper (4), Tomato (8), Lettuce (8), cottonseed (12), mango (6)	Syngenta	Requested and posted in EWG including approved label on 26 February 2021. On 27 April 2023, commodities and residue trials updated by manufacturer. Evidence of registration provided via portal on 27 April 2023 for coffee, lettuce, cottonseed, cranberry, mango.	
2024	23/04/2021	NA	Acibenzolar (288)	Yes	Yes	PEAR (VO0445), CELERY (VS2080)	Pear (5), celery (6)	Syngenta	Requested and posted in EWG including approved label on 23 April 2021	
2024	25/11/2021	NA	Spinosad (203)	Yes	Yes	Tea, mango	Tea, leaves (8 trials), mango (7 trials)	Corteva / Japan	Nomination provided 25 November 2021.	
2024	03/02/2022	Cyproconazole (239)	Cyproconazole (239)	Yes	Yes	DRY BEAN SUB-GROUP (EXCEPT SOYBEAN) (VD 2065) and DRY PEA SUB-GROUP (VD 2066)	Dry bean and Dry pea (10)	Syngenta	Requested and posted in EWG including approved label on 02 February 2022. On 20 April 2022, Syngenta requested cyproconazole be moved to 2023.	
2024	25/04/2022	NA	Novaluron (217)	Yes	Yes	TREE NUTS, RICE	Tree nuts (12 residue trials), Rice (6)	Adama/Thailand	A top-up evaluation is requested following the approval of novaluron on tree nuts in USA to set a CXLs in line with the US MRL. Rice commodity added in CRD 21 CCPR53 by Thailand.	
2024	04/02/2023	NA	Tebuconazole (189)	Yes	MRL not available	CUMIN	Monitoring data	India	On 4 February 2023, proof of registration provided by India	
2024	04/02/2023	NA	Thiamethoxam (245)	Yes	MRL not available	CUMIN	Monitoring data	India	On 4 February 2023, proof of registration provided by India	Thiamethoxam currently under evaluation by JMPR.
2024	07/04/2023	NA	Hexythiazox (176)	Yes	Yes	HOPS, RASPBERRIES	Hops (4), Raspberries (5)	US/Gowan	On 7 April 2023, company requested update of existing CXL for hops, based on additional residue data. For raspberries, compound was on previous JMPR priority list, but dossier was not available on time.	
2024	23/04/2023	NA	Chlormequat (15)	Yes	Yes	BARLEY GRAIN, straw and processed commodities	Barley (22); alternative GAP	Eastman Chemical (via Exponent)	On 22 May 2023, company advised by email of alternative GAP request	

2024 - PERIODIC REVIEW											
PRIORITY	YEAR	TOXICOLOGY	RESIDUE	MEMBER / MANUFACTURER	COMMODITIES	COMMENTS	PREVIOUS EVALUATION	ADI	ARfD	JMPR RESPONSE	
Decision of CCPRS3 to revoke all CXLs but maintain chemical, awaiting data submission by AgroCare China. AgroCare China should confirm readiness to submit data for JMPR evaluation in 2024. ON 26 MAY 2023, CCPIA WITHDREW SUPPORT FOR PERIODIC REVIEW OF CHLORPYRIFOS. AT 45CAC, INDIA INDICATED SUPPORT-INDIA CONFIRMED THIS SUPPORT AT CCPRS4 IN 2023.	2024	Chlorpyrifos (17)	Chlorpyrifos (17)	Advised 30 May 2020 that Corteva was not providing further support. 30 March 2021 - Adama has indicated they will lead a submission and request deferral to 2023.	Adama to advise on supported commodities.	Chlorpyrifos was originally evaluated by JMPR in 1972. It was evaluated for toxicology in 1982 by JMPR and for residues in 1995 and it was reviewed for toxicology in 1999 (confirmed ADI of 0-0.01 mg/kg bw and ARfD 0.1 mg/kg bw) and for residues in 2000, 2004 and 2006. There is a 20 years' gap since chlorpyrifos was last reviewed by JMPR, as it is also indicated in General considerations (point 2.6) of 2019 Report of the extra Joint Meeting of the FAO Panel of Experts on Pesticide Residues in Food and the Environment and the WHO Core Assessment Group on Pesticide Residues. During the 2019 EU Peer Review of the active substance, and based on the information available from the European Food Safety Authority's Statement on the available outcomes of the human health assessment of the active substance chlorpyrifos, concerns were identified with regard to: •The genotoxic potential of chlorpyrifos which cannot be ruled out based on the information available: positive findings were found in an in vitro chromosome aberration study and two in vitro unscheduled DNA synthesis assays; in vivo positive findings were found in open literature on chromosome aberration and on DNA damage caused through oxidative stress or by topoisomerase II inhibition, which is considered a molecular initiating event for infant leukaemia. Consequently, health based reference values cannot be established for chlorpyrifos and the dietary and non-dietary risk assessments cannot be conducted. •Developmental neurotoxicity (DNT) effects were observed in the available study on developmental neurotoxicity in rats (adverse effects were seen at the lowest dose tested in rats and a no observed adverse effects level 'NOAEL' could not be established) and epidemiological evidence exists showing an association between exposure to chlorpyrifos and/or chlorpyrifos-methyl during development and adverse neurodevelopmental outcomes in children. •Based on the evidence for DNT, experts during the peer review suggested that classification of chlorpyrifos as toxic for reproduction, category 1B, H360D 'May damage the unborn child', in accordance with the criteria set out in Commission Regulation (EC) No 1272/2008 would be appropriate. For all these reasons, it is considered that a re-evaluation for toxicology and residues of chlorpyrifos and all their CXLs is necessary and this task should be prioritized on the JMPR calendar. It was noted that aspects of epidemiology should be included. EFSA (European Food Safety Authority), 2019. Statement on the available outcomes of the human health assessment in the context of the pesticides peer review of the active substance chlorpyrifos. EFSA Journal 2019;17(5):5809 DOI: 10.2903/j.efsa.2019.5809	1982 (T), 1995 (R), 1999 (T), 2000 (R), 2004 (R), 2006 (R)	0-0.01	0.1	On 4 April 2022, Adama advised withdrawal of support for periodic review of chlorpyrifos. Potential task-force partners maintain an interest in supporting the review but have not yet come forward to identify support.	
	2024	Chlorpyrifos-methyl (90)	Chlorpyrifos-methyl (90)	Advised 30 May 2020 that Corteva was not providing further support			1975, 2009	0-0.01, 2009	0.1, 2009	Decision of CCPRS3 to retain CXLs pending periodic review in 2024.	
	2024	Fipronil (202)	Fipronil (202)	BASF	006 Assorted tropical and sub-tropical fruits – inedible Peel; 006 Assorted tropical and sub-tropical fruits – inedible Peel; 006 Assorted tropical and sub-tropical fruits – inedible Peel; 006 Assorted tropical and sub-tropical fruits – inedible Peel; 015 Pulses; 016 Root and tuber vegetables; 020 Cereal grains; 021 Grasses for sugar or syrup production; 04 Nuts and seeds; 023 Oilseeds		2000, 2005T, 2001, 2016R	0-0.0002, 2021	0.003, 2000	In 2022, fipronil was granted a 4-year window to resubmit information for the periodic review. On 11 April 2023, manufacturer advised that they were able to submit a dossier for JMPR 2024 to finalise this periodic review.	
	2024	Maleic hydrazide (102)	Maleic hydrazide (102)	Chemtura/Lanxess	Awaiting advice on supported commodities.	Moved from Table 2B to Table 2A under 25 year rule, then brought to periodic review	1976, 1996T, 1998R	0.3, 1996	N/A		
	2024	Phosmet (103)	Phosmet (103)	Gowan	Awaiting advice on supported commodities.	Prioritised at CCPRS4 on basis of PHC and advice from JMPR	1976	1994T, 2003T, 1997R 2002R	Table 28	At CCPRS4, JMPR requested and CCPR agreed to prioritisation of phosmet to periodic review list for 2024.	
2024 RESERVE		Folpet (041)	Folpet (041)	Adama	Pome fruit, grapes, strawberry, avocado, tomato, eggplant, cucurbits edible peel, cucurbits inedible peel, head lettuce, bulb onion, shallot, garlic, potato, radishes, cereal grains, hops, bananas	Moved from Table 3 to Table 2A under 25 year rule. Existing CXLs plus additional global uses/MRLs proposed. Periodic re-evaluation with additional supporting residues trials data for new commodities and updated data where available. An update on the number of studies can be provided in due course. Update provided by sponsor 27112020.	1969, 1995T, 1998R, 2007T (ARfD)	0-0.1, 1995	0.2, 2004	On 17 February 2022, this compound was brought forward from Table 2A on request of manufacturer (confirmed 9 March 2023).	
2024 RESERVE		Ethoxyquin (35)	Ethoxyquin (35)	Pace International LLC	Pear	ONE CXL - PEAR. The substance is not authorised in the EU and no import tolerances exist. EFSA concluded that the metabolism data used by JMPR for establishing the residue definition for enforcement and risk assessment could not be confirmed as the metabolism data showed deficiencies using the JMPR residue definition. EFSA concluded that the CXL for pears exceeded the ARfD (109%) and proposed to lower the EU MRL to the LOD. The last periodic review of residues was performed by JMPR in 1999 and of toxicology in 1998. This is approximately 15 years ago. It seems that Japan has recently performed a toxicological evaluation of the substance.	1969, 1998T, 1999R, 2005T	0.005, 2005	0.5, 2005	Originally proposed for periodic review in 2019 at CCPRS1. On 10 March 2023 company through TSG consulting requested the 4-year rule be applied. Manufacturer understands that if CCPRS4 agree, the dossier will be required by December 2023 for JMPR review in 2024.	
	2024 RESERVE	Fenpyroximate (193)	Fenpyroximate (193)	Nihon Nohyaku	Apple; apples, dried; beans with pods (subgroup); cucumber; eggplants (subgroup); pear; squash, summer; stonefruits (group, except cherries); tomatoes (subgroup)	Brought forward from Table 2A.	1994, 2007T (ARfD), 2017	0-0.005, 2021		On 26 June 2023, manufacturer advised preparedness for altGAP and periodic review to proceed in 2024.	