

COMMISSION DU CODEX ALIMENTARIUS



Organisation des Nations Unies
pour l'alimentation
et l'agriculture



Organisation
mondiale de la Santé

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CL 2023/22-PR

Mars 2023

AUX: Points de contact du Codex
Points de contact des organisations internationales ayant le statut d'observateur auprès du Codex

DU: Secrétariat, Commission du Codex Alimentarius,
Programme mixte FAO/OMS sur les normes alimentaires

OBJET: **Demande d'observations à l'étape 3 sur les recommandations des réunions conjointes FAO/OMS sur les résidus de pesticides (JMPR) (2022)¹**

DATE LIMITE: 25 mai 2023

Généralités

1. La réunion conjointe FAO/OMS sur les résidus de pesticides (JMPR) s'est tenue du 13 au 22 septembre 2022.
2. Au cours de la réunion, le Groupe d'experts de la FAO était chargé d'examiner les résidus et les aspects analytiques des pesticides considérés, y compris des données sur leur métabolisme, leur évolution dans l'environnement et leur utilisation modèles, et d'estimer les limites maximales de résidus qui pourraient se produire à la suite de l'utilisation des pesticides selon les bonnes pratiques agricoles (BPA). Les limites maximales de résidus et les concentrations médianes de résidus en essais contrôlés (MREC) ont été estimées pour les produits d'origine animale. Le Groupe d'évaluation de base de l'OMS a été responsable de l'examen des données toxicologiques et connexes afin d'établir les doses journalières acceptables (DJA) et doses aiguës de référence (ARfD), si nécessaire.
3. La réunion a permis d'évaluer 34 pesticides, y compris sept nouveaux composés et quatre composés qui ont été réévalués dans le cadre du programme d'examen périodique du Comité du Codex sur les résidus de pesticides (CCPR) relatif à la toxicité ou aux résidus aux deux aspects.
4. La réunion a établi les DJA et les ARfD, a estimé les limites maximales de résidus (LMR) et a recommandé que le CCPR les utilise. De plus, la réunion a estimé les concentrations de MREC et les concentrations de résidus les plus élevées qui serviront de base pour estimer l'apport alimentaire.
5. La réunion a également estimé les expositions alimentaires (à la fois à court terme et à long terme) des pesticides examinés et, sur cette base, a réalisé une évaluation du risque alimentaire par rapport à la DJA pertinente et, si nécessaire, à la ARfD. Les cas dans lesquels la DJA et la ARfD peuvent être dépassées étaient clairement indiqués afin de faciliter le processus de prise de décision par le CCPR.
6. Les pesticides pour lesquels les doses journalières estimées peuvent, sur la base des informations disponibles, dépasser la DJA sont indiqués dans des notes de bas de page. Certains produits de base sont également indiqués dans des notes de bas de page lorsque les informations disponibles montrent que la DAR d'un pesticide pourrait être dépassée si ce produit était consommé. Les attributions et estimations figurent dans les tableaux en annexe.
7. Les tableaux comprennent les numéros de référence Codex des composés et les numéros de la classification Codex (NCC) des produits, afin de faciliter la référence aux LMR Codex pour les résidus de pesticides et à d'autres documents du Codex. Les composés sont énumérés dans l'ordre alphabétique.

¹ Les recommandations de la JMPR pour les limites maximales de résidus correspondent à l'étape 3 de la procédure du Codex.

8. Outre les abréviations reprises ci-dessus, on utilise dans le tableau les qualifications suivantes.

* (après le nom du pesticide)	Nouveau composé
** (après le nom du pesticide)	Composé révisé dans le cadre du programme d'examen périodique du CCPR
* (après la LMR recommandée)	À la limite de quantification ou à proximité
ar	La concentration médiane de résidus ou la concentration de résidus la plus élevée est indiquée «telle que reçue», au taux d'humidité du produit destiné à l'alimentation animale.
dw	La valeur est indiquée sur la base du poids sec du produit destiné à l'alimentation animale.
HR-P	Concentration de résidus la plus élevée dans un produit transformé, en mg/kg, calculée en multipliant la concentration de résidus la plus élevée (HR) dans le produit brut par le facteur de transformation
Po	La recommandation tient compte du traitement après récolte du produit.
PoP (suivant la recommandation pour les produits transformés (catégories D et E dans la classification du Codex))	La recommandation tient compte du traitement après récolte des produits alimentaires primaires.
MREC-P	Concentration médiane de résidus en essais contrôlés (MREC) pour un produit transformé, calculée en appliquant le facteur de concentration ou de réduction lié au processus de transformation à la concentration médiane de résidus en essais contrôlés calculée pour le produit agricole brut.
W (au lieu d'une LMR recommandée)	La recommandation précédente est retirée, ou le retrait de la LMR recommandée ou de la LMR Codex existante ou du projet de LMR est recommandé.

9. Le rapport of the de la réunion de 2022 (y compris l'annexe) est disponible dans le lien suivant: [Report 2022 - Pesticide residues in food \(fao.org\)](#) (uniquement en anglais)
10. En cas de problème lors du téléchargement des documents indiqués ci-dessus, veuillez prendre contact avec les secrétariats de la JMPR de la FAO ou de l'OMS aux adresses suivantes pour recevoir un exemplaire du rapport en pièce jointe à un courriel:

Secrétariat FAO JMPR

Courriel: Pesticide-Management@fao.org

Secrétariat OMS JMPR

Courriel: JMPR@WHO.INT

DEMANDE D'OBSERVATIONS

11. Les membres du Codex et les organisations observatrices internationales ayant le statut d'observateur auprès du Codex qui souhaitent présenter des observations sur les projets de LMR correspondant à l'étape 3 de la procédure Codex, comme proposés par la réunion de la JMPR en 2022, et également sur les autres recommandations qui concernent les travaux de la cinquante-quatrième session du CCPR des (voir les tableaux qui figurent dans l'annexe), ainsi que des formulaires de notification de réserves, sont priés de le faire par écrit, conformément aux procédures pour l'élaboration des normes Codex et textes apparentés (*Manuel de procédure du Codex Alimentarius*), avant la date limite indiquées sur la page de couverture
12. Des formulaires de notification de réserves doivent être envoyés séparément au Secrétariat du Codex (codex@fao.org) avec une copie au Secrétariat du CCPR (ccpr@agri.gov.cn) en fichier word pour faciliter leur compilation.

13. Les lettres circulaires du Codex sont disponibles sur le site web du Codex² (Lettres circulaires, 2023) et sur le site web de la cinquante-quatrième session du CCPR³.
14. Les membres et observateurs du Codex sont invités à formuler des observations sur les LMR figurant dans les l'annexe **(SEULEMENT EN ANGLAIS)** de la présente lettre circulaire, qui est chargé sur le Système d'observations en ligne du Codex (OCS): <https://ocs.codexalimentarius.org/>, conformément aux directives générales ci-dessous, tout en tenant compte des données et des informations fournies dans le rapport de la JMPR (2022).

ORIENTATIONS CONCERNANT LA PRÉSENTATION DES OBSERVATIONS

15. Les observations doivent être présentées dans le système OCS, par l'intermédiaire des Points de contact des membres et observateurs du Codex.
16. Les Points de contact des membres et observateurs du Codex peuvent accéder au système OCS et au document ouvert aux observations en sélectionnant "Entrer" dans la page "Mes révisions", disponible après avoir accédé au système.
17. Des directives supplémentaires, y compris les [questions fréquentes de l'OCS \(FAQs\)](#) ainsi que le Manuel de l'utilisateur et le guide succinct sont disponibles sur le site du Codex: <http://www.fao.org/fao-who-codexalimentarius/resources/ocs/fr/>.
18. Les éventuelles questions sur le système OCS peuvent être adressées à Codex-OCS@fao.org.

² <https://www.fao.org/fao-who-codexalimentarius/committees/committee/related-circular-letters/fr/?committee=CCPR>

³ <http://www.fao.org/fao-who-codexalimentarius/circular-letters/fr>

ANNEXE
ACCEPTABLE DAILY INTAKES, ACUTE REFERENCE DOSES, RECOMMENDED MAXIMUM RESIDUE LEVELS,
SUPERVISED TRIALS MEDIAN RESIDUE VALUES AND OTHER VALUES RECORDED BY THE 2022 JMPR MEETING
(Original language only)

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
AFIDOPYROPEN (312)						
Afidopyropen (312) ADI: 0–0.08 mg/kg bw ARfD: 0.2 mg/kg bw (women of childbearing age) ARfD: 0.3 mg/kg bw (adults and children)	AL 1020	Alfalfa, fodder	8 (dw)	-	Median: 4.13 (ar)	Highest: 5.46 (ar)
	AL 1031	Clover, fodder	10 (dw)	-	Median: 3.5 (ar)	Highest: 8.55 (ar)
	AS 0162	Grass, hay	15 (dw)	-	Median: 6.32 (dw)	Highest: 14.9 (dw)
	MO 0096	Edible offal (mammalian)	0.3	0.3	0.25 (liver) 0.13 (kidney)	0.45 (liver) 0.15 (kidney)
	PE 0112	Eggs	0.03	0.01*	0.138	0.149
	MF 0100	Mammalian fats (except milk fats)	0.01*	0.01*	0.13	0.15
	MM 0095	Meat (from mammals other than marine mammals)	0.01*	0.01*	0.21 (muscle) 0.13 (fat)	0.34 (muscle) 0.15 (fat)
	ML 0106	Milks	0.001*	0.001*	0.024	
	PO 0111	Poultry, edible offal of	0.02	0.01*	0.156 (liver)	0.22 (liver)
	PF 0111	Poultry, fats	0.015	0.01*	0.138	0.16
	PM 0110	Poultry, meat	0.01*	0.01*	0.13	0.134
	GC 0651	Sorghum	0.2	-	0.0365	
	AS 0651	Sorghum, stover	0.3 (dw)	-	Median: 0.0505 (ar)	Highest: 0.155 (ar)
		Strawberries	0.15	-	0.0539	0.0778

(ar) – as received

Definition of the residue for compliance with the MRL for plant and animal commodities: Afidopyropen.

Definition of the residue for dietary risk assessment for plant commodities: Sum of afidopyropen + dimer of [(3R,6R,6aR,12S,12bR)-3-[(cyclopropanecarbonyl)oxy]-6,12-dihydroxy-4,6a,12b-trimethyl-11-oxo-9-(pyridin-3-yl)-1,3,4,4a,5,6,6a,12,12a,12b-decahydro-2H,11H-naphtho[2,1-b]pyrano[3,4-e]pyran-4-yl]methyl rac-cyclopropanecarboxylate (M007).

Definition of the residue for dietary risk assessment for animal commodities, except liver: Afidopyropen + M001 + CPCA and its carnitine conjugate, expressed as afidopyropen.

Definition of the residue for dietary risk assessment for liver: Afidopyropen + M001 + M017 + CPCA and its carnitine conjugate, expressed as afidopyropen.

The residue is not fat-soluble.

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
AZOXYSTROBIN (229)						
Azoxystrobin (229) ADI: 0–0.2 mg/kg bw ARfD: Unnecessary	FI 0345	Mango	4 (Po)	0.7	0.035	
	FI 0350	Papaya	4 (Po)	0.3	0.1	
	VR 0596	Sugar beet	4 (Po)	--	1.35	
	VR 0075	Root and tuber vegetables, Group of (except potato)	W	1	0.23	
	VR 0075	Root and tuber vegetables, Group of (except potato and sugar beet)	1	--	0.23	
	DM 0596	Sugar beet molasses	--	--	0.27	
	DM 3523	Sugar beet refined sugar	--	--	0.023	

Definition of the residue for compliance with the MRL and for dietary risk assessment for plant and animal commodities:
Azoxystrobin.

The residue is fat-soluble.

BENZOVINDIFLUPYR (261)

Benzovindiflupyr (261) ADI: 0–0.05 mg/kg bw ARfD: 0.1 mg/kg bw	FB 0020	Blueberries	2		0.65	0.98
	DV 0604	Ginseng, dried including red ginseng	0.3		0.081	0.16
	DT 0604	Ginseng, dried	0.3		0.081	0.16
	AS 3358	Maize stover	7 (dw)		Median 1.6 (ar)	Highest 2.9 (ar)
	AS 0656	Popcorn stover	7 (dw)		Median 1.6 (ar)	Highest 2.9 (ar)
	GC 0645	Maize	0.02		0.01	
	GC 0656	Popcorn	0.02		0.01	
	CF 1255	Maize flour			0.0025	
		Maize grits			0.0025	
	OR 0645	Maize oil, edible			0.0050	
		Maize starch			0.0025	
	CF 3517	Maize gluten			0.0075	
		Maize bran, unprocessed			0.0050	

(ar) – as received

(dw) – dry weight

Definition of the residue for compliance with the MRL and dietary risk assessment for plant and animal commodities:
Benzovindiflupyr.

The residue is fat-soluble.

BENZPYRIMOXAN (325)*

Benzpyrimoxan (325)* ADI: 0–0.1 mg/kg bw ARfD: Unnecessary						
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Definition of the residue for compliance with the MRL for plant commodities: Benzpyrimoxan.

Definition of the residue for dietary risk assessment for plant commodities: Sum of benzpyrimoxan and benzpyrimoxan-2-OH, expressed as benzpyrimoxan.

Definition of the residue for compliance with the MRL and dietary risk assessment for animal commodities: Sum of benzpyrimoxan, benzpyrimoxan-acid and benzpyrimoxan-acid-2-OH, expressed as benzpyrimoxan.

The residue is not fat-soluble.

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
BIFENTHRIN (178)						
Bifenthrin (178) ADI: 0–0.01 mg/kg bw ARfD: 0.01 mg/kg bw	FI 0326	Avocado	0.5		0.089	0.23
	FP 0009	Group of pome fruits (except persimmon, Japanese)	0.7#		0.195	0.45
	SO 0697	Peanut	0.05*		0.05	
	HS 0444	Pepper, chili, dry	4	5	0.98	2.2
	FI 0355	Pomegranate	0.5		0.165	0.22
	VO 20046	Eggplant, Subgroup of	0.4		0.12	0.31
	FS 2001	Peaches, Subgroup of	0.8#		0.22	0.49
	VO 0051	Peppers, Subgroup of (except okra, martynia and roselle)	0.4	0.5	0.12	
	JF 0226	Apple juice			0.0096	
OR 0697	Peanut oil, edible			0.05		

#On the basis of information provided to the JMPR it was concluded that the estimated acute dietary exposure to residues of bifenthrin for the consumption of Peaches, Subgroup of and Pome fruit, Group of (except Japanese persimmon) may present a public health concern.

Definition of the residue for compliance with the MRL and for dietary risk assessment for animal and plant commodities: Bifenthrin (sum of isomers).

The residue is fat-soluble.

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
BROFLANILIDE (326)*						
Broflanilide (326)* ADI: 0–0.02 mg/kg bw ARfD: Unnecessary	VB 0041	Cabbages, Head	2	-	0.19	
	VB 0467	Chinese cabbage, (type Pe-tsai)	2	-	0.19	
	SB 0716	Coffee bean, green	0.01	-	0.0023	-
	MO 0105	Edible offal (mammalian)	0.03	-	0.02	-
	PE 0112	Eggs	0.03	-	0.02	-
	GC 0080	Cereal grains, Group of (except rice)	0.001*	-	0 (cereal grains) 0.001 (sweet corns)	-
	AS 3569	Maize, bran	0.002	-	0	-
	CF 1255	Maize, flour	0.002	-	0	-
	MF 0100	Mammalian fats	0.15	-	0.033	-
	MM 0095	Meat (from mammals other than marine mammals)	0.15 (fat)	-	0.02 (muscle) 0.033 (fat)	-
	FM 0183	Milk fats	0.4	-	0.08	-
	ML 0106	Milks	0.015	-	0.004	-
	VR 0591	Radish, Japanese	0.01*	-	0.01	-
	PO 0111	Poultry edible offal	0.03	-	0.02	-
	PM 0110	Poultry meat	0.02*	-	0.02 (muscle) 0.034 (fat)	-
	PF 0111	Poultry fats	0.15	-	0.034	-
	VR 2071	Subgroup of tuberous and corm vegetables	0.04	-	0.00175	
	AS 3304	Subgroup of cereal grains (including pseudocereals) feed products with low water (<20 percent) content (hay, straw), except rice feed products	0.01 (dw)	-	Median: 0.001 (ar)	Highest: 0.0016 (ar)
	CF 1210	Wheat, germ	0.002	-	0	-
		Coffee bean, instant coffee	-	-	0.0002	
	SM 0716	Coffee bean, roasted	-	-	0.0019	
	OR 0645	Maize oil, edible	-	-	0	
		Maize starch	-	-	0	
	Maize germ	-	-	0		
	Potato, starch	-	-	0.0005		
CF 1211	Wheat, flour	-	-	0		
CF 3522	Wheat, gluten meal	-	-	0		
	Wheat starch	-	-	0		
CP 1212	Wheat, wholemeal bread	-	-	0		

(ar) – as received;

(dw) – dry weight

Definition of the residue for compliance with the MRL and dietary risk assessment for plant commodities: Broflanilide

Definition of the residue for compliance with the MRL and dietary risk assessment for animal commodities: Sum of broflanilide plus 3-benzamido-N-[2-bromo-4-(perfluoropropan-2-yl)-6-(trifluoromethyl)phenyl]-2-fluorobenzamide (DM-8007), expressed as broflanilide.

The residue is fat-soluble.

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
CHLORANTRANILIPROLE (230)						
Chlorantraniliprole (230) ADI: 0–2 mg/kg bw ARfD: Unnecessary	FI0326	Avocado	0.3		0.083	
	DT1114	Tea, green, black (black, fermented and dried)	80		24.5	
		Tea infusion			0.20	
Definition of the residue for compliance with the MRL and for dietary risk assessment for plant and animal commodities: Chlorantraniliprole. The residue is fat-soluble.						
CHLORMEQUAT (015)						
Chlormequat (015) ADI: 0–0.05 mg/kg bw ARfD: 0.05 mg/kg bw	GC 0640	Barley	2	2	0.37	-
	AS 0640	Barley, hay and/or straw	200 (dw)		Median: 34.5 (hay) 8.25 (straw) (ar)	Highest: 73 (hay) 32 (straw) (ar)
		Barley, straw and fodder, dry	W	50 (dw)		
	MO 0105	Edible offal (mammalian)	0.5	1	0.036 (liver) 0.20 (kidney)	0.11 (liver) 0.40 (kidney)
	PE 0269	Eggs	0.2	0.1	0.049	0.094
	MF 0100	Mammalian fats (except milk fats)	0.1	0.1	0.04	0.043
	MM 0095	Meat (from mammals other than marine mammals)	0.2	0.2	0.04 (muscle) 0.04 (fat)	0.085 (muscle) 0.043 (fat)
	ML 0095	Milks	0.2	0.3	0.69	-
	PF 0111	Poultry fats	0.04*	0.04*	0.04	0.04
	PM 0111	Poultry meat	0.04*	0.04*	0.04 (muscle, fat)	0.04 (muscle, fat)
	PO 0111	Poultry, edible offal of	0.2	0.1	0.043	0.085
	GC 0654	Wheat	4	2	0.855	-
	CM 0654	Wheat bran, unprocessed	10	7	2.3	-
	AS 0654	Wheat, hay and/or straw	200 (dw)	80 (dw)	Median: 42.5 (hay) 20.5 (straw) (ar)	Highest: 117 (hay) 55 (straw) (ar)
	CF 1210	Wheat germ	20	-	4.3	
	CF 1211	Wheat, flour			0.16	
	CF 1212	Wheat wholemeal			0.855	
		Wheat wholemeal bread			0.46	
	CF 0640	Barley bran, processed			0.34	
	CM 0640	Barley, pearled (pot barley)			0.12	
CF 3511	Barley, flour			0.066		
	Barley malt			0.33		
	Barley beer			0.074		
(ar) – as received (dw) – dry weight Definition of the residue (for compliance with the MRL and dietary risk assessment) in plant and animal commodities: Chlormequat cation. The residue is not fat soluble.						

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
DIAZINON**						
Diazinon** ADI: 0–0.005 mg/kg bw ARfD: 0.03 mg/kg bw	AM 0660	Almond hulls	W	5		
	TN 0660	Almonds	W	0.05		
	FB 0264	Blackberries	W	0.1		
	FB 4079	Boysenberry	W	0.1		
	VB 0400	Broccoli	W	0.5		
	VB 0041	Cabbage, head	W	0.5		
	VC 4199	Cantaloupe	W	0.2		
	VR 0577	Carrot	W	0.5		
	FS 0013	Cherries	W	1		
	PE 0840	Chicken eggs	W	0.02*		
	PM 0840	Chicken meat	W	0.02*		
	PO 0840	Chicken, edible offal of	W	0.02*		
	VL 0467	Chinese cabbage	W	0.05		
	VP 0526	Common bean pods and/or immature seeds)	W	0.2		
	FB 0265	Cranberry	W	0.2		
	VC 0424	Cucumber	W	0.1		
	FB 0021	Currants, black, red and white	W	0.2		
	VP 0529	Garden pea, shelled (succulent seed)	W	0.2		
	MM 0814	Goat meat	W	2 (fat)†		
	DH 1100	Hops, dry	W	0.5		
	VL 0480	Kale (including collards, curly, scotch and thousand-headed kale; not including marrow-stem kale)	W	0.05		
	MO 0098	Kidney of cattle, goats, pigs and sheep	W	0.03†		
	FI 0341	Kiwifruit	W	0.2		
	VB 0405	Kohlrabi	W	0.2		
	VL 0482	Lettuce, head	W	0.5		
	VL 0483	Lettuce, leaf	W	0.5		
	MO 0099	Liver of cattle, goat, pigs and sheep	W	0.03†		
	GC 0646	Maize	W	0.02*		
	MM 0097	Meat of cattle, pigs and sheep	W	2 (fat)†		
	ML 0106	Milks	W	0.02		
	VA 0385	Onion, bulb	W	0.05		
	FS 0247	Peach	W	0.2		
	HS 0444	Peppers chili, dried	W	0.5		
	VO 0445	Peppers, sweet	W	0.05		
	FI 0353	Pineapple	W	0.1		

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
	FS 0014	Plums	W	1		
	FP 0009	Pome fruits	W	0.3		
	VR 0589	Potato	W	0.01*		
	DF 0014	Prunes, dried	W	2		
	VR 0494	Radish	W	0.1		
	FB 0272	Raspberries, red, black	W	0.2		
	HS 0191	Spices, fruit and berries	W	0.1*		
	HS 0193	Spices, roots and rhizomes	W	0.5		
	HS 0190	Spices, seeds	W	5		
	VL 0502	Spinach	W	0.5		
	VA 0389	Spring onion	W	1		
	VC 0431	Squash, summer	W	0.05		
	FB 0275	Strawberry	W	0.1		
	VR 0596	Sugar beet	W	0.1		
	VO 0447	Sweet corn (corn on the cob)	W	0.02		
	VO 0448	Tomato	W	0.5		
	TN 0578	Walnuts	W	0.01*		

† The Codex MRL accommodated external animal treatment

Definition of the residue for compliance with the MRL for plant commodities: diazinon.

The Meeting was unable to conclude on a residue definition for dietary risk assessment for plant commodities.

The Meeting was unable to conclude on a residue definition for compliance with the MRL and for dietary risk assessment for animal commodities.

DIFENOCONAZOLE (224)

Difenoconazole (224) ADI: 0–0.01 mg/kg bw ARfD: 0.3 mg/kg bw	VO 2704	Goji berry	5	-	0.65	2.4
	DV 2704	Goji berry, dried	15	-	1.6	5.5
	VO 0050	Group of fruiting vegetables other than cucurbits (except peppers, chili)	W	0.6	0.14	0.39
	VO 0050	Group of fruiting vegetables other than cucurbits (except goji berry and pepper, chili)	0.6	-	0.14	0.39
	VR 2950	Pencil yam	0.02	-	0.01	0.01
		Pencil yam, dried	0.07	-	0.029	0.029
	HS 0784	Ginger, rhizome	0.2	-	0.022	0.1
	DV 0784	Ginger rhizome, dried	1.5	-	0.13	-
	DT 1114	Tea, green, black (black, fermented and dried)	20	20	4.86	

Definition of the residue for compliance with the MRL and for dietary risk assessment for plant commodities: Difenoconazole.

Definition of the residue for compliance with the MRL and for dietary risk assessment for animal commodities: Sum of difenoconazole and 1-[2-chloro-4-(4-chloro-phenoxy)-phenyl]-2-(1,2,4-triazol)-1-yl-ethanol), expressed as difenoconazole.

The residue is fat-soluble.

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR _{chronic} or STMR-P _{chronic} (mg/kg)	STMR _{acute} or STMR-P _{acute} (mg/kg)	HR or HR-P (mg/kg)
			New	Previous			
DIMETHOATE (027)/OMETHOATE (055)							
Dimethoate (027)/ Omethoate (055) ADI: 0–0.001 mg/kg bw ARfD: 0.02 mg/kg bw	FC 0003	Mandarins, Subgroup of	2		0.081	0.16	0.19
	FC 0004	Oranges, Subgroup of ^a	2		0.31	0.32	0.4
	FI 0236	Avocado	2		0.11	0.37	0.49
	VB 0402	Brussels sprouts	0.1		0.086	0.23	0.25
	VO 0448	Tomato	0.01(*)		0.0175	0.055	0.055
	VP 0544	Yard-long bean (pods)	0.07		0.175	0.55	0.55
	VD 2065	Dry beans, Subgroup of (except soya bean)	0.7		0.175	0.38	
	SO 0495	Rape seed	0.15		0.0775	0.23	
	GC 0654	Wheat	0.06		0.011	0.032	
	CF 0654	Wheat bran, processed	0.3		0.041	0.11	
	CF 1210	Wheat germ	0.2		0.025	0.065	
	MO 0105	Edible offal (Mammalian)	0.001(*)		0 (liver) 0 (kidney)		0 (liver) 0 (kidney)
	MF 0100	Mammalian fats (except milk fats)	0.03		0.003		0.027
	MM 0095	Meat (from mammals other than marine mammals)	0.001(*)		0 (muscle) 0 (fat)		0 (muscle) 0 (fat)
	ML 0106	Milks	0.001(*)		0.0025	0.01	
	PE 0112	Eggs	0.001(*)		0		0
	PF 0111	Poultry fats	0.001(*)		0		0
	PM 0110	Poultry meat	0.001(*)		0		0
	PO 0111	Poultry, Edible offal of	0.001(*)		0		0
	AS 0654	Wheat, hay and/or straw	4 (dw)		Median: 0.06 (dw)		Highest: 2.7 (dw)
	AB 0001	Citrus pulp, dry [feed]	5		1.36		
JF 0004	Orange juice			0.088	0.093		
OR 0004	Orange oil, edible			0.12	0.13		
	Orange molasses			3.6	3.8		
	Wheat Wholemeal flour			0.006	0.016		
	Wheat White flour			0.0042	0.14		

STMR(-P)_{chronic} Expressed as toxic equivalent residues (dimethoate + 2.5×omethoate)
 STMR(-P)_{acute} Expressed as toxic equivalent residues (dimethoate + 10×omethoate)
 HR Expressed as toxic equivalent residues (dimethoate + 10×omethoate)
 Median median total residue (sum of dimethoate and omethoate) for livestock dietary burden estimation

^a On the basis of the information provided to the JMPR it was concluded that the estimated acute dietary exposure to residues of dimethoate and omethoate for the consumption of commodities in the subgroup of oranges may present a public health concern

Dimethoate (see also omethoate)

Definition of the residue for compliance with the MRL for plant and animal commodities: Dimethoate and omethoate (measured and reported separately)

Definition of the residue for dietary risk assessment for plant and animal commodities: Sum of dimethoate plus 2.5× omethoate for long-term dietary exposure and the sum of dimethoate plus 10× omethoate for acute dietary exposure.

The residue is not fat-soluble.

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
OMETHOATE (055)						
Omethoate (055) ADI: 0–0.0004 mg/kg bw ARfD: 0.002 mg/kg bw	FC 0003	Mandarins, Subgroup of	0.02			
	FC 0004	Oranges, Subgroup of ^a	0.02			
	FI 0236	Avocado	0.15			
	VB 0402	Brussels sprouts	0.03			
	VO 0448	Tomato	0.01			
	VP 0544	Yard-long bean (pods)	0.05			
	VD 2065	Dry beans, Subgroup of (except soya bean)	0.08			
	SO 0495	Rape seed	0.03			
	GC 0654	Wheat	0.03			
	CF 0654	Wheat bran, processed	0.105			
	CF 1210	Wheat germ	0.06			
	AS 0654	Wheat hay and/or straw	0.3 (dw)			
	AB 0001	Citrus pulp, dry	0.032			
	MO 0105	Edible offal (Mammalian)	0.005			
	MF 0100	Mammalian fats (except milk fats)	0.003			
	MM 0095	Meat (from mammals other than marine mammals)	0.005			
	ML 0106	Milks	0.0015			
	PE 0112	Eggs	0.001(*)			
	PF 0111	Poultry fats	0.001(*)			
	PM 0110	Poultry meat	0.001(*)			
PO 0111	Poultry, Edible offal of	0.001(*)				
^a On the basis of the information provided to the JMPR it was concluded that the estimated acute dietary exposure to residues of dimethoate and omethoate for the consumption of commodities in the subgroup of oranges may present a public health concern. Omethoate (from the use of dimethoate)						

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
EMAMECTIN BENZOATE (247)						
Emamectin benzoate (247) ADI: 0–0.0005 mg/kg bw ARfD: 0.02 mg/kg bw	HH 0722	Basil, leaves	0.06	-	0.0045	0.032
	DH 0722	Basil leaves, dry	0.4	-	0.029	0.205
	VL 0054	Brassica leafy vegetables, Subgroup of	0.2	-	0.01	0.219
	VA 2605	Chives	0.01	-	0.001	0.006
	DH 2605	Chive, dried	0.05	-	0.005	0.025
	VB 0042	Flowerhead Brassicas, Subgroup of	0.007	-	0.002	0.004
	MF 0100	Mammalian fats (except milk fats)	0.02	0.02	0.002	0.012
	MM 0095	Meat (from mammals other than marine mammals)	0.005	0.004	0.002	0.0046
	ML 0106	Milks	0.003	0.002	0.0005	-
	MO 0105	Edible offal (mammalian)	0.1	0.08	0.0071	0.088
	VL 0502	Spinach	0.05	-	0.006	0.036
	VD 0541	Soya bean (dry)	0.001*	-	0	
	DT 1114	Tea, Black, Green, dried and fermented	0.1	-	0.009	
	Tea infusion	-	-	0.000018		
<u>Definition of the residue for compliance with the MRL and for dietary risk assessment for plant and animal commodities:</u> Emamectin B1a benzoate. The residue is not fat soluble.						
FAMOXADONE (208)						
Famoxadone (208) ADI: 0–0.006 mg/kg bw ARfD: 0.6 mg/kg bw	VC 0424	Cucumber	W	0.2		
	MU 1100	Hops, dried	50	--	13	
	HS 0444	Peppers chili, dried	50		4.7	37
	VO 0444	Peppers, chili	5	--	0.47	3.7
	VO 0445	Peppers, sweet (including pimento or pimiento)	5	--	0.47	3.7
	VC 0431	Squash, Summer	W	0.2		
	VA 2031	Subgroup of bulb onions	0.4	--	0.02	0.23
	FB 2005	Subgroup of cane berries	10	--	1.1	6.6
	VC 2039	Subgroup of fruiting vegetables, cucurbits–cucumbers and summer squashes	0.6	--	0.17	0.37
	VO 0448	Tomato	2	2	0.1	1.1
<u>Definition of the residue for compliance with the MRL and dietary risk assessment for plant and animal commodities:</u> Famoxadone. The residue is fat-soluble.						

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)	
			New	Previous			
FENAZAQUIN (297)							
Fenazaquin (297) ADI: 0–0.05 mg/kg bw ARfD: 0.1 mg/kg bw	FC 0002	Lemons and limes (incl. citron), Subgroup of	0.3		0.01 (Kumquat 0.08)	0.01 (Kumquat 0.12)	
	FC 0004	Oranges, sweet, sour (incl. orange-like hybrids), Subgroup of	0.4		0.01	0.01	
	FC 0005	Pummelo and grapefruits (incl. Shaddock-like hybrids, among other grapefruit), Subgroup of	0.3		0.01	0.01	
	FC 0003	Mandarins (incl. mandarin-like hybrids), Subgroup of	0.3		0.01	0.01	
	OR 0001	Citrus oil, edible	40		9.84		
	FP 0226	Apples	0.3		0.08	0.18	
	FS 0014	Plums, Subgroup of	0.5		0.145	0.25	
	DF 0014	Prune, dried	3		0.7	1.2	
	FS 2001	Peaches (incl. nectarine and Apricots), Subgroup of	1.5		0.38	1.2	
	FB 2005	Cane berries, Subgroup of	0.7		0.18	0.41	
	FB 2006	Bush berries, Subgroup of	0.8		0.235	0.42	
	FB 2008	Small fruit vine climbing, Subgroup of	0.7		0.19	0.4	
	DF 0269	Dried grapes (=currants, raisins and sultanas)	1.5		0.42	0.88	
	FB 2009	Low growing berries, Subgroup of	2		0.49	1.2	
	FI 0326	Avocado	0.15		0.01	0.01	
	VC 0045	Fruiting vegetables, cucurbits, Group of	0.3		0.06	0.19	
	VO 2045	Tomatoes, Subgroup of	0.3		0.052	0.19	
	VO 0051	Peppers, Subgroup of (except martynia, okra and roselle)	0.3		0.079	0.22	
	HS 0444	Peppers chili, dried	3		0.79	2.2	
	VO 2046	Eggplants, Subgroup of	0.3		0.079	0.22	
	MO 0105	Edible offal (mammalian)	0.02 (*)		0.00056 (liver)	0.0065 (liver)	
	MF 0100	Mammalian fats (except milk fats)	0.02 (*)		0.00065	0.00081	
	MM 0095	Meat (from mammals other than marine mammals)	0.02 (*) (fat)		0	0	
	ML 0106	Milks	0.02 (*) (fat)		0		
	FM 0183	Milk fats	0.02 (*) (fat)		0		
			Grape wine (red)			0.0038	
	JF 0269		Grape juice			0.027	
	JF 0204		Lemon juice			0.0008	0.01
	JF 0004		Orange juice			0.00125	
	JF 0203		Grapefruit juice			0.0007	
FCT7003		Mandarin juice			0.0008		
DM 0448		Tomato paste			0.047		
DM 0448		Tomato puree			0.021		

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
<p><u>Definition of the residue for compliance with the MRL and for dietary risk assessment for plant commodities:</u> Fenazaquin.</p> <p><u>Definition of the residue for compliance with the MRL for animal commodities:</u> Sum of fenazaquin and 2-hydroxy-fenazaquin acid, expressed as fenazaquin equivalents.</p> <p><u>Definition of the residue for dietary risk assessment for animal commodities:</u> Sum of fenazaquin, and 2-hydroxy-fenazaquin acid and tautomeric forms of 4-hydroxyquinazoline, expressed as fenazaquin equivalents.</p> <p>The residue is fat-soluble.</p>						

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)	
			New	Previous			
FLUAZAINDOLIZINE (327)							
Fluazaindolizine (327)* ADI: 0–0.3 mg/kg bw ARfD: 1 mg/kg bw	VB 0040	Brassica vegetables (except Brassica leafy vegetables), Group of	0.02		0.04335	0.0705	
	VA 2605	Bulb vegetables	0.04		0.0674	0.8281	
	VR 0577	Carrot	0.4		0.1485	1.973	
	GC 0080	Cereal grains, Group of	0.03		0.0676		
	AS 0081	Cereal grains (including pseudocereals) feed products with low water (<20 percent) content (hay and/or straw)	0.09 (dw)		Median: 0.073 (ar)	Highest: 0.0553 (ar)	
	VC 2039	Cucumbers and summer squashes, Subgroup of	0.15		0.1092	0.3674	
	MO 0105	Edible offal (mammalian)	0.01		0.1657 (kidney)	0.7592 (kidney)	
	VO 2046	Eggplant, Subgroup of	0.15		0.0748	0.963	
	PE0112	Eggs	0.01*		0.0006	0.00263	
	VL 0053	Leafy vegetables (including Brassica leafy vegetables), Group of	0.04		0.3880	1.388	
	VP 0060	Legume vegetables, Group of (immature seeds with pods)	0.04		0.0709	0.1589	
	MF 0100	Mammalian fats (except milk fats)	0.01*		0.0092	0.0431	
			Maize flour			0.0366	
			Maize grits			0.0144	
			Maize refined oil			0	
			Maize starch			0	
	MM 0095		Meat (from mammals other than marine mammals)	0.01*		0.0089 (muscle) 0.0092 (fat)	0.0415 (muscle) 0.0431 (fat)
	VC 2040		Melons, pumpkins and winter squashes, Subgroup of	0.1		0.1348	0.3937
	ML 0106		Milks	0.01*		0.0029	
	FM 0183		Milk fats	0.01*		0.0033	
	SO 0088		Oilseeds and oilfruits, Group of	0.04		0.0656	
	HS 0444		Peppers, Chili, dried	0.3		0.74	3.102
	VO 0051		Peppers, Subgroup of (except martynia, okra, roselle)	0.03		0.074	0.3102
			Potatoes, baked microwaved unpeeled			0.1661	1.3600
			Potatoes, boiled unpeeled			0.0560	0.6538
			Potatoes, boiled peeled			0.0343	0.3695
			Potato, crisps			0.0673	0.6757
			Potato, dried flakes			0.0956	1.0275
			Potato, French fries peeled			0.0319	0.3213
			Potato, French fries unpeeled			0.1215	1.0607

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
	PO0111	Poultry, Edible offal of	0.02		0.024 (liver)	0.1182 (liver)
	VD 0070	Pulses, Group of	0.09		0.0656	
	PF0111	Poultry fats	0.01*		0.00063	0.0032
	PM 0110	Poultry meat	0.01*		0.0014 (muscle) 0.00063 (fat)	0.0071 (muscle) 0.0032 (fat)
	AM 3538	Rape seed, hay, and/or straw	0.05 (dw)			
	VR 2070	Root vegetables (except carrot)	0.04		0.1935	0.9322
	VS 0078	Stalk and stem vegetables	0.04		0.0674	0.8281
		Soya bean refined oil			0	
	FB 0275	Strawberries	0.015		0.0530	0.1416
		Strawberry juice			0.0142	
		Strawberry canned			0.0081	0.0419
		Strawberry jam			0.0040	0.0210
		Strawberry dehydrated fruit			0.0830	0.4297
		Strawberry frozen			0.0121	0.0629
	AL 3301	Subgroup of products of legume feeds with low water (<20 percent) content (hay)	0.17 (dw)		Median: 0.0274 (ar)	Highest: 0.0848 (ar)
	VO 2045	Tomato, Subgroup of	0.15		0.0748	0.963
		Tomato canned			0.0711	0.9389
	DV 04489	Tomato dried	0.5		0.4624	6.6960
		Tomato juice			0.0590	
		Tomato paste			0.2476	3.5309
		Tomato purée			0.1268	1.8056
	VR 2071	Tuberous and corm vegetables, Subgroup of	0.2		0.1231	0.7356
		Wheat bran (unprocessed)			0	
		Wheat flour			0	
		Wheat germ			0	

Definition of the residue for compliance with the MRL for plant and animal commodities: Fluzaindolizine.

Definition of the residue for dietary risk assessment for plant commodities: Fluzaindolizine, and free and conjugated forms of the following compounds: 2-chloro-5-hydroxybenzenesulfonamide (IN- A5760), 2-chloro-5-methoxybenzenesulfonamide (IN-F4106), 8-chloro-6-(trifluoromethyl)imidazo[1,2-a]pyridine-2-carboxylic acid (IN-QEK31), 3-[[[(2-chloro-5-methoxyphenyl)sulfonyl]amino]-L-alanine (IN-QZY47), 8-chloro-N-[(2-chloro-5-hydroxyphenyl)sulfonyl]-6-(trifluoromethyl)imidazo[1,2-a]pyridine-2-carboxamide (IN-REG72), 8-chloro-6-(trifluoromethyl)imidazo[1,2-a]pyridine-2-carboxamide (IN-RYC33) and 3-[[[(2-chloro-5-methoxyphenyl)sulfonyl]amino]-(2R)- hydroxypropanoic acid (IN-TMQ01) (expressed as fluzaindolizine). This can be implemented by taking the maximum of the sum of compounds containing the imidazopyridine ring and hydrolysed using acid to IN-A5760, IN-F4106, IN-QZY47 and IN-TMQ01 (expressed as fluzaindolizine) **OR** compounds containing the phenyl ring and hydrolysed to 8-chloro-6- (trifluoromethyl)imidazo[1,2-a]pyridine-2-carboxylic acid (IN-QEK31) (expressed as fluzaindolizine).

Definition of the residue for dietary risk assessment for animal commodities: Sum of fluzaindolizine, 2-chloro-5-hydroxybenzenesulfonamide (IN-A5760), 2-chloro-5-methoxybenzenesulfonamide (IN-F4106), and 3-[[[(2-chloro-5-methoxyphenyl)sulfonyl]amino]-(2R)-hydroxypropanoic acid (IN-TMQ01) (expressed as fluzaindolizine).

The residue is not fat-soluble.

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
FLUDIOXONIL (211)						
Fludioxonil (211) ADI: 0–0.4 mg/kg bw ARfD: Unnecessary	AM 0660	Almond hulls	20		1.8	
	OR 0660	Almond oil	0.3		0.015	
	FI 0327	Banana	2 (Po)		0.013	
	VD 0071	Beans (dry)	W	0.5		
	VP 0061	Beans (<i>Phaseolus</i> spp.) immature pods and succulent seeds	W	0.6		
	VP 2060	Beans with pods, Subgroup of (except soya beans (succulent seeds in pods))	0.8		0.055	
	VD 0524	Chick-pea (dry)	W	0.3		
	VD 2065	Dry beans, Subgroup of (except soya beans)	0.3		0.029	
	VD 2066	Dry peas, Subgroup of	0.3		0.11	
	MO 0105	Edible offal (mammalian)	0.15	0.1	0.037	
	VD 0533	Lentil (dry)	W	0.3		
	FI 0345	Mango	7 (Po)	2	0.04	
	MF 0100	Mammalian fats (except milk fats)	0.02	0.02	0.006	
	MM 0095	Meat (from mammals other than marine mammals)	0.02	0.02	0.006 (fat) 0.006 (muscle)	
	ML 0106	Milks	0.07	0.04	0.016	
	FI 0350	Papaya	5 (Po)		0.15	
	VD 0072	Peas (dry)	W	0.07		
	VP 0063	Peas (pods and succulent=immature seeds)	W	0.3		
	VP 2061	Peas with pods, Subgroup of	0.8		0.055	
	VP 4453	Snap beans (young pods)	W	0.6		
	VR 0596	Sugar beet	4 (Po)		1.1	
	TN 0085	Tree nuts (except Canarium nut, Chilean hazelnut, and pistachios)	0.3		0.01	
		Almonds, roasted			0.008	
DM 0596	Sugar beet molasses			0.62		
DM 3523	Sugar beet, sugar refined			0.11		
Definition of the residue for compliance with the MRL and for dietary risk assessment for plant commodities: Fludioxonil.						
Definition of the residue for compliance with the MRL and for dietary risk assessment for animal commodities: Sum of fludioxonil and its benzopyrrole metabolites, determined as 2,2-difluoro-benzo[1,3]dioxole-4-carboxylic acid and expressed as fludioxonil.						
The residue is fat-soluble.						

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
FLUINDAPYR (328)*						
Fluindapyr (328)* ADI: 0–0.04 mg/kg bw ARfD: 0.6 mg/kg bw	AM 0660	Almond hulls	20 (dw)		Median: 3.4	-
	GC 2091	Maize cereals, Subgroup of	0.01*		0.02	0.02
	AS 3558	Maize, stover	5 (dw)		Median: 0.95 (ar)	Highest: 3.0 (ar)
	GC 2089	Sorghum Grain and Millet, Subgroup of	1		0.395	-
	AS 3561	Sorghum, stover	3 (dw)		Median: 0.395	Highest: 2.4
	GC 0447	Sweet corn (corn-on-the cob) (kernels plus cob with husk removed)	0.01*		0.02	0.02
	AS 3563	Sweet corn, stover	30 (dw)		0.855	13 (ar)
	TN 0085	Tree nuts, Group of	0.04		0.0205	
	GC 2086	Wheat, similar grains, and pseudo cereals without husks, Subgroup of	0.4		0.074	-
	AS 0654	Wheat, hay and/or straw	15 (dw)	-	Median: 1.9 (hay) (ar) 1.8 (straw) (ar)	Median: 7.1 (hay) (ar) 13 (straw) (ar)
	CF 1255	Maize, flour	-	-	0.02	
	-	Maize, grits	-	-	0.02	
	CF 0645	Maize, meal	-	-	0.02	
	-	Maize, starch	-	-	0.02	
	OR 0645	Maize, refined deodorized oil	-	-	0.036	
	CF 3520	Sorghum, Grain, flour	-	-	0.17	
	CF 0654	Wheat, bran, processed	-	-	0.92	
	CF 3522	Wheat, gluten meal	-	-	0.034	
	CF 1210	Wheat, germ	-	-	0.031	
	CF 1212	Wheat, whole meal	-	-	0.063	
CF 1211	Wheat, flour	-	-	0.026		
-	Wheat, wholemeal bread	-	-	0.037		

(ar) – as received

(dw) – dry weight

Definition of the residue for compliance with the MRL assessment for plant commodities: Fluindapyr.

Definition of the residue for compliance with the MRL assessment for animal commodities: Fluindapyr.

Definition of the residue for dietary risk assessment for plant commodities: Sum of fluindapyr and 3-(difluoromethyl)-N-[7-fluoro-1-(hydroxymethyl)-1,3-dimethyl-2,3-dihydro-1H-inden-4-yl]-1-methyl-1H-pyrazole-4-carboxamide (1-OH-Met-fluindapyr) and its conjugates, expressed as parent.

Definition of the residue for dietary risk assessment for animal commodities: Sum of fluindapyr, 4-(3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamido)-7-fluoro-1,3-dimethyl-2,3-dihydro-1H-indene-1-carboxylic acid (1-COOH-fluindapyr), 3-(difluoromethyl)-N-[7-fluoro-1-(hydroxymethyl)-1,3-dimethyl-2,3-dihydro-1H-inden-4-yl]-1-methyl-1H-pyrazole-4-carboxamide (1-OH-Met-fluindapyr), 3-(difluoromethyl)-N-[7-fluoro-1-(hydroxymethyl)-1,3-dimethyl-2,3-dihydro-1H-inden-4-yl]-1H-pyrazole-4-carboxamide (1-OH-Met-N-DesMet-fluindapyr) and their conjugates, and 3-(difluoromethyl)-N-(7-fluoro-1,1,3-trimethyl-2,3-dihydro-1H-inden-4-yl)-1H-pyrazole-4-carboxamide (N-DesMet-fluindapyr), expressed as fluindapyr.

The residue is fat-soluble.

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
FLUPYRADIFURONE (285)						
Flupyradifurone (285)	FI 0353	Pineapple	0.3		0.13	0.19
ADI: 0–0.08 mg/kg bw	SO 2091	Sunflower seeds (Subgroup)	0.8		0.31	
ARfD: 0.2 mg/kg bw	SO 0700	Sesame seed	3		1	
	OC 7000	Sesame seed oil (crude)			0.13	
	JF 0341	Pineapple juice			0.044	
<p><u>Definition of the residue for compliance with the MRL for plant commodities:</u> Flupyradifurone.</p> <p><u>Definition of the residue for dietary risk assessment for plant commodities:</u> Sum of flupyradifurone, difluoroacetic acid (DFA) and 6-chloronicotinic acid (6-CNA), expressed as parent equivalents.</p> <p><u>Definition of the residue for compliance with the MRL for animal commodities:</u> Sum of flupyradifurone and difluoroacetic acid, expressed as parent equivalents.</p> <p><u>Definition of the residue for dietary risk assessment for animal commodities:</u> Sum of flupyradifurone and difluoroacetic acid, expressed as parent equivalents</p> <p>The residue is not fat-soluble.</p>						
FLUTRIAFOL (248)						
Flutriafol (248)	TN 0660	Almonds	0.8		0.064	0.42
ADI: 0–0.01 mg/kg bw	GC0640	Barley	1.5		0.2	
ARfD: 0.05 mg/kg bw	MO0105	Edible offal, mammalian	1	1	0.3	0.53
	PE0112	Eggs	0.01 (*)	0.01 (*)	0.0047	0.0072
	MF0100	Mammalian fats (except milk fat)	0.02	0.02	0.0092	0.014
	MM0095	Meat (from mammals other than marine mammals)	0.02 (fat)	0.02 (fat)	0.0042	0.0083
	ML0106	Milks	0.01(*)	0.01(*)	0.0047	0.0066
	PO0111	Poultry, edible offal of	0.03	0.03	0.011	0.024
	PF0111	Poultry fats	0.03	0.02	0.0094	0.017
	PM0110	Poultry meat	0.03(fat)	0.01(*)	0.0043	0.0048
	CM0649	Rice, husked	1		0.37	
	CM1205	Rice, polished	1.5		0.40	
	AM0660	Almond hulls	15 (dw)		2.00 (ar)	
	AS0640	Barley hay and/or straw	10 (dw)		Median: 1.0 (ar)	Highest: 6.4 (straw) (ar) 5.0 (hay) (ar)
	GC0649	Rice	4		1.1	
	AS0649	Rice, hay and/or straw	6 (dw)		Median: 1.40 (ar)	Highest: 4.0 (ar)
	AS 3570	Rice, hulls (husks)	20 (dw)		Median: 6.8 (ar)	
	CM0640	Barley, pearled			0.099	
	CF0640	Barley bran, processed			0.17	
	CM1206	Rice bran, unprocessed			0.068 (ar)	
<p>(ar) – as received</p> <p><u>Definition of the residue for compliance with the MRL and dietary risk assessment for plant and animal commodities:</u> Flutriafol.</p> <p>The residue is fat-soluble.</p>						

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
INDOXACARB (216)						
Indoxacarb (216) ADI: 0–0.01 mg/kg bw ARfD: 0.1 mg/kg bw	AM 0660	Almond hulls	9 (dw)	-	2.65	3.80
	FB 2006	Bushberries, Subgroup of	2	-	0.58	1.04
	VD 2065	Beans, dry, Subgroup of (except cowpea, mung bean and soya bean)	0.09	-	0.01	
	VP 2060	Beans with pods, Subgroup of (except soya bean)	0.9	-	0.16	0.59
	VR 0574	Beetroot	0.5	-	0.18	0.22
	MO 0105	Edible offal (Mammalian)	0.05	0.05	0.03	0.06
	MF 0100	Mammalian fats (except milk fats)	2	-	0.66	1.9
	GC 2091	Maize cereals, Subgroup of	0.015	-	0.01	
	AS 0645	Maize fodder (dry)	W	25		
	AS 3558	Maize, stover	25 (dw)	-	Median: 3.7	Highest: 9.8
	MM 0095	Meat (from mammals other than marine mammals)	2 (fat)	2 (fat)	0.15	0.46
	ML 0106	Milks	0.2	0.1	0.07	-
	FM 0183	Milk fats	6	2	1.7	-
TN 0085	Tree nuts	0.07	-	0.013	0.046	

(ar) – as received

(dw) – dry weight

Definition of the residue for compliance with the MRL and dietary risk assessment for plant commodities: Sum of indoxacarb and its R enantiomer.

Definition of the residue for compliance with the MRL for animal commodities: Sum of indoxacarb and its R enantiomer.

Definition of the residue for dietary risk assessment for animal commodities: Sum of indoxacarb, its R enantiomer and methyl 7-chloro-2,5-dihydro-2-[[[4-(trifluoromethoxy)phenyl]amino]carbonyl]indeno[1,2-e][1,3,4]oxadiazine-4a(3H)- carboxylate (IN- JT333), expressed as indoxacarb.

The residue is fat-soluble.

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
INPYRFLUXAM (329)						
Inpyrfluxam (329)* ADI: 0–0.06 mg/kg bw ARfD: 0.3 mg/kg bw	FP 0226	Apples	4		0.91	1.88
	VD 0541	Soya bean (dry)	0.01(*)		0	-
	VR 0596	Sugar beet	0.01(*)		0	0
	GC 0649	Husked rice	0.01(*)		0	
	GC 0645	Maize grain	0.01(*)		0	-
	GC 0656	Popcorn	0.01(*)		0	-
	GC 0447	Sweet corn (Corn-on-the-cob) (Kernels plus cob with husk removed)	0.01(*)		0	0
	SO 0697	Peanut	0.01(*)		0.01	0.01
	AL 0697	Peanut, hay and/or straw	3		Median: 0.35 (ar)	Highest: 2 (ar)
	AS 3558	Maize stover	0.02(*)		Median: 0.02 (ar)	Highest: 0.02 (ar)
	MM 0095	Meat from mammals other than marine mammals	0.02(*)		0	0
	MF 0100	Mammalian fats	0.02(*)		0	0
	MO 0105	Edible offal (mammalian)	0.02(*)		0	0
	ML 0106	Milk	0.02(*)		0	0
	PM 0110	Poultry meat	0.02(*)		0	0
	PF 0111	Poultry fat	0.02(*)		0	0
	PO 0111	Poultry edible offal	0.02(*)		0	0
PE 0112	Eggs	0.02(*)		0	0	
JF 0226	Apple, juice	-		0.11	-	
<p><u>Definition of the residue for compliance with the MRL for plant commodities:</u> Inpyrfluxam.</p> <p><u>Definition of the residue for dietary risk assessment for plant commodities:</u> Inpyrfluxam.</p> <p><u>Definition of the residue for compliance with the MRL and dietary risk assessment for animal commodities:</u> Inpyrfluxam and 1'-CH₂OH-S-2840 (free or conjugated) expressed as inpyrfluxam.</p> <p>The residue is not fat soluble.</p>						
ISOFLUCYPRAM (330)						
Isoflucypram (330)* ADI: 0–0.06 mg/kg bw ARfD: Unnecessary						
<p><u>Definition of the residue for compliance with the MRL for plant and animal commodities:</u> Isoflucypram.</p> <p><u>Definition of the residue for dietary risk assessment for plant and animal commodities:</u> A conclusion could not be reached.</p> <p>The residue is fat-soluble.</p>						

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
MANCOZEB (050)/DITHIOCARBAMATES (105)						
Mancozeb (050)/ Dithiocarbamates (105) ADI: 0–0.03 mg/kg bw ADI: 0–0.004 mg/kg bw (ETU) ARfD: Not established	SO 0691	Cottonseed	0.3		0.75	
	FI 0342	Longan	15		9.8	
	GC 0645	Maize	0.15		0.83	
	GC 0649	Rice grain	3			
	CM 0649	Rice, husked	1.5		3.2	
	CM 1205	Rice, polished	1.5		3.2	
	VD 0541	Soya bean (dry)	0.3		0.75	
		Soya bean—all processed commodities			0.75	
		Maize—all processed commodities			0.83	
		Rice—all processed commodities			3.2	
	Cottonseed—all processed commodities			0.75		
<p><u>Definition of the residue for compliance with the MRL in plant and animal commodities:</u> Total dithiocarbamates, determined as CS₂, evolved during acid digestion and expressed as mg CS₂/kg.</p> <p><u>Definition of the residue for dietary risk assessment in plant and animal commodities:</u> Mancozeb plus ethylenethiourea (ETU)</p> <p>The Meeting assessed combined residues of mancozeb and ETU using the ratio of the ADIs (7.5) to express residues in terms of mancozeb-toxicity-equivalents (MTE).</p> <p>Dithiocarbamate residues are not fat-soluble</p>						

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
MANDIPROPAMID (231)						
Mandipropamid (231) ADI: 0–0.2 mg/kg bw ARfD: Unnecessary	HH 0722	Basil, leaves	30		8.75	
	DH 0722	Basil leaves, dried	200		62.5	
	VA 2031	Bulb Onions, Subgroup of	0.05		0.01	
	VC 0424	Cucumber	W	0.2		
	VO 2046	Eggplants, Subgroup of	0.7		0.09	
	VC 2039	Fruiting vegetables, cucurbits–cucumber and summer squashes, Subgroup of	0.2		0.0475	
	VC 2040	Fruiting vegetables, cucurbits–melons, pumpkins and winter squashes, Subgroup of	0.4		0.01	
	VR 0604	Ginseng	0.15		0.01	
	DV 0604	Ginseng, dried including red ginseng	4		0.46	
	VC 0046	Melon, except watermelon	W	0.5		
	VA 0385	Onion, bulb	W	0.1		
	VO 0051	Peppers, Subgroup of (except martynia, okra and roselle)	0.7	1	0.09	
	HS 0444	Peppers, chili, dried	7	10	0.9	
	VA 0389	Spring onion	W	7		
	VC 0431	Squash, summer	W	0.2		
	VO 0448	Tomato	W	0.3		
	VO 2045	Tomatoes, Subgroup of	1		0.26	
			Tomato, canned			0.101
JF 0448	Tomato juice			0.26		
		Tomato paste			0.91	
DM 0448	Tomato puree			0.286		
Definition of the residue for compliance with the MRL and for estimation of dietary exposure for plant and animal commodities: Mandipropamid. The residue is not fat-soluble.						

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
MANDIPROPAMID (231)						
Mefenitruconazole (320)* ADI: 0–0.04 mg/kg bw ARfD: 0.3 mg/kg bw	AM 0660	Almond, hulls	4		1.2	
	AB 0226	Apple dried pomace	15		3.9	
	FI 0326	Avocado	1		0.36	0.5
	FI 0327	Banana	1.5		0.055 (pulp)	0.21 (pulp)
	GC 0640	Barley	3		0.425	
	CM 3510	Barley bran, unprocessed	15		2.1	
	CF 3511	Barley, flour	15		1.6	
	VP 2060	Beans with pods, except soya bean (succulent seeds in pods), Subgroup of	0.05		0.01	0.03
	VA 2031	Bulb Onions, Subgroup of	0.2		0.05	0.14
	FB 2006	Bush berries, Subgroup of	5		0.58	3.24
	FB 2005	Cane berries, Subgroup of	3		0.96	1.62
	FS 0013	Cherries, Subgroup of	5		1.1	2.4
	OR 0001	Citrus oil, edible	70		15.2	
	SB 0716	Coffee bean	0.4		0.01	
	SO 0691	Cottonseed, Subgroup of	0.2		0.04	
	AS 3564	Dried distiller's grain from barley	8		1	
	VD 2065	Dry beans, except soya bean (dry), Subgroup of	0.07		0.01	
	VD 2066	Dry peas, except lentil (dry), Subgroup of	0.15		0.015	
	MO 0105	Edible offal (mammalian)	2		0.61 (liver) 0.34 (kidney)	1.91 (liver) 1.36 (kidney)
	VO 2046	Eggplants, Subgroup of	1.5		0.25	0.84
	PE 0112	Eggs	0.04		0.032	0.094
	FB 0267	Elderberries	5		0.58	3.24
	VC 2039	Fruiting vegetables, cucurbits - cucumbers and summer squashes, Subgroup of	0.15		0.035	0.123
	VC 2040	Fruiting vegetables, cucurbits–melons, pumpkins and winter squashes, Subgroup of	0.5		0.15	0.23
	AB 0269	Grape, dried pomace	9		2.3	
	VA 2032	Green Onions, Subgroup of	4		0.39	2.2
	FB 2254	Guelder rose	5		0.58	3.24
	VL 2050	Leafy greens ^a , Subgroup of	30		8.1	18
	VL 0054	Leaves of Brassicaceae ^a , Subgroup of	30		6.65	12
	FC 0002	Lemons and limes (including citron), Subgroup of	1.5		0.37	0.98
	VD 0533	Lentil (dry)	1.5		0.22	
	FB 2009	Low growing berries, Subgroup of	2		0.29	1.1
GC 0645	Maize	0.01*		0.01		

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
	MF 0100	Mammalian fats (except milk fats)	1.5		0.39	1.26
	FC 0003	Mandarins (including mandarin-like hybrids), Subgroup of	1.5		0.37	0.98
	FI 0345	Mango	0.6		0.01	0.01
	MM 0095	Meat (from mammals other than marine mammals)	0.15 (fat)		0.04 (muscle) 0.39 (fat)	0.14 (muscle) 1.26 (fat)
	ML 0106	Milks	0.1		0.07	
	GC 0646	Millet	2		0.41	
	GC 0647	Oats	3		0.425	
	FC 0004	Oranges, sweet, sour (including orange-like hybrids), Subgroup of	1		0.215	0.7
	FI 0350	Papaya	0.5		0.07	0.22
	AL 0072	Pea, hay and/or straw	30 (dry weight)		9.74	13
	FS 2001	Peaches (including nectarine and apricots), Subgroup of	2		0.56	1.04
	SO 0697	Peanut	0.01*		0.01	
	AL 0697	Peanut, hay and/or straw	40 (dry weight)		8.9	30
	VP 2061	Peas with pods, Subgroup of	0.15		0.01	0.1
	HS 0444	Peppers, Chili, dried	15		2.5	8.4
	VO 0051	Peppers, except martynia, okra and roselle, Subgroup of	1.5		0.25	0.84
	FS 0014	Plums (including fresh prunes), Subgroup of	1.5		0.26	1
	FP 0009	Pome fruits except persimmon, Japanese, Group of	1.5		0.39	1.12
	GC 0656	Popcorn	0.01*		0.01	
	PO 0111	Poultry, edible offal	0.7		0.12	0.844
	PF 0111	Poultry, fats	0.2		0.124	0.503
	PM 0110	Poultry, meat	0.03 (fat)		0.012 (muscle) 0.124 (fat)	0.053 (muscle) 0.50 (fat)
	DF 0014	Prune, dried	7		1.1	4.1
	FC 0005	Pummelo and grapefruits (including Shaddock-like hybrids, among other grapefruit), Subgroup of	0.5		0.16	0.24
	GC 0649	Rice	5		1.2	
	CM 0649	Rice, husked	1.5		0.11	
	CM 0649	Rice, husked	1.5		0.11	
	VR 2070	Root vegetables, except sugar beet, Subgroup of	0.5		0.105	0.4
	GC 0650	Rye	0.4		0.09	
	SO 2090	Small seed oilseeds, Subgroup of	1		0.06	
	GC 0651	Sorghum grain	2		0.41	
	VD 0541	Soya bean (dry)	0.4		0.01	
	AL 0541	Soya bean, hay and/or straw	20 (dry weight)		4.5	12

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
	AS 0081	Straw and hay of cereal grains	50 (dry weight)		10.3	25.7
	VP 2062	Succulent beans without pods, except soya bean (succulent seeds), Subgroup of	0.03		0.01	0.02
	VP 2063	Succulent peas without pods, Subgroup of	0.01*		0.01	0.01
	GS 0659	Sugar cane	1.5		0.37	
	SO 2091	Sunflower seeds, Subgroup of	0.15		0.01	
	GC 0447	Sweet corn (corn-on-the-cob) (kernels plus cob with husk removed)	0.04		0.01	0.02
	DV 0448	Tomato, dried	7		1.3	4.1
	VO 2045	Tomatoes, Subgroup of	0.7		0.14	0.45
	TN 0085	Tree nuts, Group of	0.06		0.01	0.06
	GC 0653	Triticale	0.4		0.09	
	VR 2071	Tuberous and corm vegetables, Subgroup of	0.05		0.01	0.05
	GC 0654	Wheat	0.4		0.09	
	CF 3521	Wheat aspirated grain fractions	16		3.5	
	CM 0654	Wheat bran, unprocessed	1.5		0.26	
	CF 1210	Wheat, germ	0.5		0.1	
	CF 3515	Wheat, shorts (cereal grain milling by-product)	1.5		0.32	
	FB 1236	Wine-grapes	2		0.54	1.1
		Apple fruit syrup			0.16	0.45
		Apple sauce			0.043	
	DF 0226	Apple, dried			0.12	0.35
	JF 0226	Apple, juice			0.051	
		Barley, beer			0.13	
		Barley, brewing malt			0.21	
	CM 0640	Barley, pearled			0.051	
		Canned apples			0.051	
		Canned strawberries			0.27	
	JF 0001	Citrus juice			0.007	
		Citrus marmalade			0.044	
		Citrus peel			0.96	2.5
		Citrus pulp			0.007	0.02
		Coffee beans, concentrated liquor			0.00075	
		Coffee beans, instant coffee			0.0016	
	SM 0716	Coffee beans, roasted			0.0062	
	OR 0691	Cotton seed oil, edible			0.00016	
	JF 0269	Grape, juice			0.07	
	-	Grape, wine (red)			0.016	
		Grape, wine (white)			0.011	

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
		Pickled gherkins			0.026	0.088
	DV 0589	Potato flakes/granules			0.0033	
		Potato, baked with peel			0.0033	0.0165
		Potato, crisps/chips–without peel			0.0033	0.0165
		Potato, fried without peel			0.0033	0.0165
		Potato, peeled tuber			0.0033	0.0165
		Potato, starch			0.0033	
		Potato, stove boiled -without peel			0.0033	0.0165
		Prune juice			0.039	
		Prune puree			0.15	
	CM 1206	Rice bran, unprocessed			0.44	
	CM 1205	Rice, polished			0.0085	
	OC 0541	Soya bean oil, crude			0.01	
	OR 0541	Soya bean oil, refined			0.0083	
		Soya bean, flour			0.0083	
		Soya bean, miso			0.0083	
		Soya bean, soya sauce			0.0083	
		Soya bean, tofu			0.0083	
		Strawberry fruit syrup			0.058	0.22
		Strawberry jam			0.12	
	DM 0448	Tomato puree			0.039	
		Tomato, canned			0.0084	0.027
	JF 0448	Tomato, juice			0.011	
	VW 0448	Tomato, paste			0.069	
		Wheat gluten			0.05	
		Wheat starch			0.026	
	CF 1212	Wheat, whole meal flour			0.071	
		Whole grain bread			0.05	

^a On the basis of the information provided to the JMPR it was concluded that the estimated acute dietary exposure to residues of mefenftrifluconazole for the consumption of commodities from the subgroups of Leafy greens and Leaves of Brassicaceae may present a public health concern.

Definition of the residue for compliance with the MRL and dietary risk assessment for plant commodities: Mefenftrifluconazole.

Definition of the residue for compliance with the MRL for animal commodities: Mefenftrifluconazole (free and conjugated).

Definition of the residue for dietary risk assessment for animal commodities: Sum of mefenftrifluconazole (free and conjugated) + 2-[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]propane-1,2-diol (M750F022), free and conjugated, expressed as mefenftrifluconazole equivalents. The molecular weight conversion factor to express M750F022 in mefenftrifluconazole equivalents = 1.15.

The residue is fat soluble.

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
METALAXYL (138)						
Metalaxyl (138)	FI 0353	Pineapple	0.1 (M)		0.026	0.078
ADI: 0–0.08 mg/kg bw ARfD: 0.5 mg/kg bw	DV 0604	Ginseng, dried including red ginseng	0.06 (*) (MM)		0.06	0.06
<p><u>Residue data that was the basis for the estimation:</u> Metalaxyl (M), metalaxyl-M (MM).</p> <p><u>Definition of the residue for compliance with the MRL for plant commodities:</u> Metalaxyl (sum of enantiomers).</p> <p><u>Definition of the residue for dietary risk assessment in plant commodities:</u> Metalaxyl (sum of enantiomers) and N-(2-hydroxymethyl-6-methylphenyl)-N-(methoxyacetyl)alanine methyl ester (M8; free and conjugated; sum of enantiomers), expressed as metalaxyl.</p> <p><u>Definition of the residue for compliance with the MRL in animal commodities:</u> Sum of metalaxyl (sum of enantiomers) and metabolites (free + conjugated) M3 (N-(2,6-dimethylphenyl)-N-(hydroxyacetyl)alanine methyl ester) and M8 (N-(2-hydroxymethyl-6-methylphenyl)-N-(methoxyacetyl)alanine methyl ester (sum of enantiomers), expressed as metalaxyl.</p> <p><u>Definition of the residue for dietary risk assessment in animal commodities:</u> Sum of metalaxyl (sum of enantiomers) and metabolites (free + conjugated) M1 (N-(2,6-dimethylphenyl)-N-(methoxyacetyl) alanine), M3 (N-(2,6-dimethylphenyl)-N-(hydroxyacetyl)alanine methyl ester), M6 (N-(2,6-dimethylphenyl)-N-(hydroxyacetyl)alanine), M7 (N-(2,6-dimethyl-5-hydroxyphenyl)-N-(methoxyacetyl)alanine methyl ester) and M8 (N-(2-hydroxymethyl-6-methylphenyl)-N-(methoxyacetyl)alanine methyl ester (sum of enantiomers), expressed as metalaxyl.</p> <p>The residue is not fat-soluble.</p>						
METHIDATHION (051)						
Methidathion (051)**	FC 0226	Apple	W	0.5		
ADI: 0–0.002 mg/kg bw ARfD: 0.01 mg/kg bw	FS 0013	Cherries, Subgroup of	W	0.2		
	FB 0269	Grapes	W	1		
	FC 0206	Mandarins (including mandarin like hybrids), Subgroup of	W	5		
	FP 0230	Pear	W	1		
	DT 1114	Tea, green, black (black, fermented and dried)	W	0.5		
<p><u>Definition of the residue for compliance with the MRL for plant commodities:</u> Methidathion.</p> <p><u>Definition of the residue for long-term dietary exposure assessment for plant commodities:</u> Sum of methidathion, S-2,3,- dihydro-5-methoxy-2-oxo-1,3,4-thiadiazol-3-ylmethyl O-methyl phosphorodithioate and 2,3-dihydro-5-methoxy-1,3,4-thiadiazol-2-one (free and conjugate), and 4x S-2,3-dihydro-5-methoxy-2-oxo-1,3,4-thiadiazol-3-ylmethyl O,O-dimethyl phosphorothioate, expressed as methidathion.</p> <p><u>Definition of the residue for acute dietary exposure assessment for plant commodities:</u> sum of methidathion and 4x S-2,3-dihydro-5-methoxy-2-oxo-1,3,4-thiadiazol-3-ylmethyl O,O-dimethyl phosphorothioate, expressed as methidathion.</p> <p>The Meeting was unable to reach a conclusion on the residue definitions for compliance with the MRL and dietary risk assessment for animal commodities.</p> <p>The residue is not fat soluble.</p>						
PYRIDATE (315)						
Pyridate (315)*						
ADI: 0–0.2 mg/kg bw ARfD: 2 mg/kg bw						
<p><u>Definition of the residue for compliance with the MRL for plant and animal commodities:</u> Sum of pyridate and 6-chloro-4-hydroxy-3-phenylpyridazine (pyridafol) (incl. conjugates), expressed as pyridate.</p> <p>The Meeting was unable to reach a conclusion on the residue definitions for dietary risk assessment for plant and animal commodities.</p> <p>The residue is not fat-soluble.</p>						

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
QUINCLORAC (287)						
Quinclorac (287) ADI: 0–0.4 mg/kg bw ARfD: 2 mg/kg bw	FB 0265	Cranberries	1.5	1.5	0.375	0.88
	SO 0495	Rape seeds	0.15	0.15	0.64 (Median: 0.017 for feed calc.)	
	OR 0495	Rape seed oil, edible			0.70	
<p>Definition of the residue for compliance with the MRL for plant commodities: Quinclorac plus quinclorac conjugates</p> <p>Definition of the residue for dietary risk assessment for plant commodities: Quinclorac plus quinclorac conjugates plus quinclorac methyl ester expressed as quinclorac.</p> <p>Definition of the residue for compliance with the MRL and dietary risk assessment for animal commodities: Quinclorac plus quinclorac conjugates.</p> <p>The residue is fat-soluble.</p>						
QUINTOZENE (064)						
Quintozene (064)** ADI: 0–0.01 mg/kg bw ARfD: Unnecessary	GC 0640	Barley	W	0.01 (*)		
	AS 0640	Barley straw and fodder, dry	W	0.01(*)		
	VB 0400	Broccoli	W	0.05		
	VB 0041	Cabbages, head	W	0.1		
	PM 0840	Chicken meat	W	0.1 (*) fat		
	PO 084-	Chicken, Edible offal of	W	0.1 (*)		
	VD 0526	Common bean (dry)	W	0.02		
	VP 0526	Common bean (pods and/or immature seeds)	W	0.1		
	SO 0691	Cotton seed	W	0.01		
	PE 0112	Eggs	W	0.03 (*)		
	GC 0645	Maize	W	0.01 (*)		
	AS 0645	Maize fodder (dry)	W	0.01		
	AL 0072	Pea hay or pea fodder (dry)	W	0.05		
	SO 0697	Peanut	W	0.5		
	VD 0072	Peas (dry)	W	0.01		
	HS 0444	Peppers Chili, dried	W	0.1		
	VO 0445	Peppers, Sweet (including pimento or pimiento)	W	0.05 (*)		
	HS 0191	Spices, Fruits and Berries	W	0.02		
	HS 0193	Spices, Roots and Rhizomes	W	2		
	HS 0190	Spices, seeds	W	0.1		
VD 0541	Soya bean (dry)	W	0.01 (*)			
VR 0598	Sugar beet	W	0.01 (*)			
VO 0448	Tomato	W	0.02			
CG 0654	Wheat	W	0.01			
AS 0654	Wheat straw and fodder, dry	W	0.03			
<p>Definition of the residue for compliance with the MRL for plant commodities: Quintozenone.</p> <p>The Meeting was unable to reach a conclusion on the residue definition for dietary risk assessment in plant commodities.</p> <p>The Meeting was unable to reach a conclusion on the residue definition for compliance with the MRL or dietary risk assessment for animal commodities</p>						

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
SPIROMESIFEN (294)						
Spiromesifen (294) ADI: 0–0.03 mg/kg bw ARfD: Unnecessary	FC 0004	Oranges, sweet, sour, Subgroup of	0.15		0.043	
	FI 0345	Mango	0.5		0.024	
	FI 0350	Papaya	0.7		0.13	
	VP 0061	Beans with pods (Phaseolus spp.) immature pods and succulent seeds)	0.5		0.16	
	VP 0062	Beans without pods (Phaseolus spp.) (succulent seeds)	0.15(*)		0.12(*)	
	VD 2065	Dry beans, Subgroup of	0.03(*)		0.024	
	OR 0004	Orange oil, edible	30		8.6	
	MM 0095	Meat (from mammals other than marine mammals)	0.15	0.15	0.01	
	ML 0106	Milks	0.015	0.015	0.0021	
	ML 0100	Mammalian fats (except milk fats	0.15	0.15	0.017	
	MO 0105	Edible offal(mammalian)	0.3	0.3	0.055	
	PO 0111	Poultry, edible offal	0.05	0.05	0.05	
	PF 0111	Poultry, fats	0.02	0.02	0.01	
	PM 0110	Poultry, meat	0.02	0.02	0.01	
	PE 0112	Eggs	0.02	0.02	0.01	
	OC 0541	Soya bean oil, crude	0.03*		0.006	
	AB 0001	Citrus pulp, dried	0.3		0.086	
AL 3538	Soya bean, hulls	0.03*		0.03		
AL 3539	Soya bean meal	0.03*		0.005		
<p><u>Definition of the residue for compliance with the MRL for plant and animal commodities and for dietary risk assessment for animal commodities:</u> Sum of spiromesifen and spiromesifen-enol, expressed as spiromesifen.</p> <p><u>Definition of the residue for dietary risk assessment for plant commodities:</u> Sum of spiromesifen, spiromesifen-enol and 4-hydroxymethyl-spiromesifen-enol (free and conjugated), expressed as spiromesifen.</p> <p>The residue is fat-soluble.</p>						
SULFOXAFLOR(252)						
Sulfoxaflor(252) ADI: 0–0.05 mg/kg bw ARfD: 0.3 mg/kg bw	VS 0620	Globe artichoke	0.9		0.245	0.45
	SO 2091	Sunflower seeds, Subgroup of	0.4		0.047	
	OR 0702	Sunflower seed oil, edible	--	--	0.033	--
<p><u>Definition of the residue for compliance with the MRL and for dietary risk assessment for plant and animal commodities:</u> Sulfoxaflor.</p> <p>The residue is not fat-soluble.</p>						

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
TETRANILIPROLE (324)						
Tetraniliprole (324)* ADI: 0–2 mg/kg bw ARfD: Unnecessary	AM 0660	Almond hulls	4 (dw)	-	Median: 0.80 (ar)	
	VB 0041	Cabbages, head	2	-	0.012, Median: 0.135	Highest: 1.2
	AS 3304	Cereal grains (including pseudocereals) feed products with low water (<20 percent) content (hay and/or straw) Subgroup of, excluding rice, maize/field corn, and sweet corn)	0.2 (dw)	-	Median: 0.01 (ar)	Highest: 0.14 (ar)
	FS 0013	Cherries, Subgroup of	1.5	-	0.29	
	MO 0105	Edible offal (Mammalian)	1	-	0.10 (kidney) 0.43 (liver)	
	PE 0112	Eggs	0.01*	-	0	
	VB 0042	Flowerhead Brassicas, Subgroup of	0.5	-	0.145	
	VO 0050	Fruiting vegetables, other than cucurbits, Group of, excluding okra, martynia and roselle	0.4	-	0.075	
	VL 0054	Leaves of Brassicaceae, Subgroup of	15	-	4	
	FC 0002	Lemons and limes (including Citron), Subgroup of	1.5	-	0.19	
	GC 2091	Maize cereals, Subgroup of	0.015	-	0.01	
	AS 3558	Maize stover	30 (dw)	-	Median: 2.5 (ar)	Highest: 17 (ar)
	MF 0100	Mammalian fats (except milk fats)	0.15	-	0.26	
	FC 0003	Mandarins (including Mandarin-like hybrids), Subgroup of	1	-	0.185	
	MM 0095	Meat (from mammals other than marine mammals)	0.1	-	0.047 (muscle) 0.26 (fat)	
	ML 0106	Milks	0.15	-	0.12	
	FC 0004	Oranges, sweet, sour (including orange-like hybrids), Subgroup of	0.5	-	0.015#	
	FS 2001	Peaches (including nectarines and apricots), Subgroup of	0.7	-	0.089	
	FS 0014	Plums, Subgroup of	0.3	-	0.033	
	FP 0009	Pome fruits, Group of, excluding Japanese persimmon	0.4	-	0.13	
	PO 0111	Poultry, edible offal	0.01*	-	0	
	PF 0111	Poultry, fats	0.01*	-	0	
	PM 0110	Poultry, meat	0.01*	-	0 (muscle) 0 (fat)	
AL 3301	Products of legume feeds with low water (<20 percent) content (hay), Subgroup of	0.3 (dw)	-	Median: 0.01 (ar)	Highest: 0.22 (ar)	
FC 0005	Pummelos and grapefruits (including Shaddock-like hybrids, among other grapefruit), Subgroup of	0.9	-	0.091		
GC 2088	Rice cereals, Subgroup of	0.02	-	0.01		

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
	CM 0649	Rice, husked	0.01*	-	0.01	
	CM 1205	Rice, polished	0.01*	-	0.01	
	AS 0649	Rice, hay and/or straw	20 (dw)	-	Median: 2.8 (ar)	Highest: 8.2 (ar)
	FB 2008	Small fruit vine climbing, Subgroup of	1.5	-	0.275	
	VD 0541	Soya bean (dry)	0.2	-	0.026	
	GC 0447	Sweet Corn (corn-on-the-cob)	0.01*	-	0.01	
	TN 0085	Tree nuts, Group of	0.03	-	0.01	
	VR 2071	Tuberous and corm vegetables, Subgroup of	0.02	-	0.01	
	HS 0444	Peppers, Chili, dried	4	-	0.75	
	DF 0269	Grape, dried (=currants, raisins, and sultanas)	2	-	0.35	
	OR 0004	Orange oil, edible	5	-	1.27	
	DF 0014	Prune, dried	1.5	-	0.125	
	DM 0448	Tomato paste	1.5	-	0.39	
	CF 1255	Maize flour	-	-	0.012	
	CF 0645	Maize, meal	--	-	0.011	
	-	Maize grits	-	-	0.01	
	-	Maize starch	-	-	0.01	
	OR 0645	Maize, refined bleached deodorized oil	-	-	0.01	
	JF 0009	Group of pome Fruit, juices	-	-	0.065	
	-	Group of pome Fruit, sauce	-	-	0.01	
	DF 0009	Group of pome Fruit, dried	-	-	0.01	
	JF 0269	Grape, juice	-	-	0.067	
	-	Grape, wine	-	-	0.14	
	-	Grape, must	-	-	0.16	
	JF 0004	Orange, juice	-	-	0.01	
	-	Orange, marmalade	-	-	0.01	
	-	Orange, peeled	-	-	0.015	
	HS 3382	Orange, peel	-	-	0.39	
	-	Potato, crisps	-	-	0.01	

(ar) – as received

(dw) – dry weight

#STMR for flesh only based on 0.14 mg/kg x PF of 0.11

Definition of the residue for compliance with the MRL for plant commodities: Tetraniliprole.

Definition of the residue for dietary risk assessment for plant commodities: Tetraniliprole + tetraniliprole-N-methyl-quinazolinone, expressed as tetraniliprole.

Definition of the residue for compliance with the MRL for animal commodities: Tetraniliprole.

Definition of the residue for dietary risk assessment for animal commodities: Tetraniliprole + tetraniliprole-N-methyl-quinazolinone + tetraniliprole-benzylalcohol, expressed as tetraniliprole.

The residue is not fat-soluble.

	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P (mg/kg)	HR or HR-P (mg/kg)
			New	Previous		
TRIFLUMURON (317)						
Triflumuron (317) ADI: 0–0.008 mg/kg bw ARfD: Unnecessary 4-trifluoromethoxyaniline (metabolite M07) ADI: 0-0.02 mg/kg bw ARfD: 0.02 mg/kg bw	VD 0541	Soya bean (dry)	0.1		0.043 (triflumuron+ M02) 0.020 (M07)	
	ML 0106	Milks	0.01(*)		0	
	MO 0105	Edible offal (mammalian)	0.05(*)		0.05	
	MM 0095	Meat (from mammals other than marine mammals)	0.1(*) (fat)		0.1	
	MF 0100	Mammalian fats (except milk fats)	0.1(*)		0.1	
	OR 0541	Soya bean oil, refined			0.0043 (triflumuron+ M02) 0.0020 (M07)	
<p><u>Definition of the residue for compliance with the MRL for plant and animal commodities:</u> Triflumuron.</p> <p><u>Definition of the residue for dietary risk assessment for plant commodities:</u> Sum of triflumuron and 2-chlorobenzoic acid (M02), expressed as triflumuron and 4-trifluoromethoxyaniline (M07) assessed separately.</p> <p><u>Definition of the residue for dietary risk assessment for animal commodities:</u> Triflumuron.</p> <p>The residue is fat-soluble.</p>						