

Voluntary Report – Voluntary - Public Distribution

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Report Number: UP2021-0034

Report Name: Updated MRLs for Chlorpyrifos and Chlorpyrifos-Methyl by Ukraine

Country: Ukraine

Post: Kyiv

Report Category: Agricultural Situation, FAIRS Export Certificate Report, FAIRS Annual Country Report, FAIRS Subject Report, Food and Agricultural Import Regulations and Standards - Certification, Food and Agricultural Import Regulations and Standards - Narrative

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Report Highlights:

On January 1, 2022, Ukraine will implement new Maximum Residue Levels (MRLs) for chlorpyrifos and chlorpyrifos-methyl in agricultural and food products at the level of 0.01 milligrams per kilogram (mg/kg) or milligrams per liter (mg/l) depending on whether the product is solid or liquid. Per the U.S. Environmental Protection Agency's Final Rule: Chlorpyrifos; Tolerance Revocations, the U.S. tolerances for these chemicals for all commodities will expire on February 28, 2022. Therefore, any trade impact of Ukraine's MRL reduction will be short-lived.

In May 2021, Ukraine approved new Maximum Residue Levels (MRLs) for chlorpyrifos and chlorpyrifos-methyl in agricultural and food products at the level of 0.01 milligrams per kilogram (mg/kg) or milligrams per liter (mg/l) depending on whether the product is solid or liquid. In order to ensure compliance for products produced in Ukraine with the new MRLs, amendments have been introduced to Sanitary-Hygienic Standards and Regulations on Safe Use of Pesticides and Agricultural Chemicals and approved by the Order by the Ministry of Health of Ukraine # 960 ([in Ukrainian](#)). These changes will come into effect on January 1, 2022 and are provided in English in Annex 1 below.

These changes are mirroring the earlier initiatives on decreasing MRLs for chlorpyrifos and chlorpyrifos-methyl by the EU, as suggested by [Regulation \(EU\) 2020/1085](#) and [its corrigendum](#). This action is a trade-facilitating move by Government of Ukraine intended to retain unobstructed access to the EU's market by Ukrainian agricultural and food producers. On August 30, 2021, the U.S. Environmental Protection Agency published a Final Rule: Chlorpyrifos; Tolerance Revocations. Accordingly, the [U.S. tolerances](#) for these chemicals for all commodities will expire on February 28, 2022. Therefore, any trade impact of Ukraine's MRL reduction will be short-lived.

For more information about MRLs in Ukraine, please refer to our [GAIN Report UP2021-0026](#).

APPROVED

Order of the Ministry of Health of
Ukraine

960 of May 18, 2021

Amendments to the Sanitary-Hygienic Standards and Regulations on Safe Use of Pesticides and Agricultural Chemicals

1. In Table 1:

1) Clause 222 is to be revised as follows:

#	Commercial Name of the Chemical	Active Ingredient	Permissible Daily Dose, mg/kg	Maximum Residue Level for Foodstuffs, (MRL) mg/kg (mg/l)		Maximum allowed concentration / approx. safe level of influence in the air of the working area, mg/m ³	Maximum allowed concentration / approx. safe level of influence in the atmospheric air, mg/m ³	Maximum allowed concentration / approx. permissible level in a body of water, mg/dm ³	Maximum allowed concentration / approx. permissible concentration in soil, mg/kg	Safety Guidelines			Danger Class
				Crop	MRL					Number of Days			
										Delay before harvesting	Access to Sprayed Areas		
									Manual Operations	Mechanized Operations			
222	Dorpan 480, EC	chlorpyrifos, 480 g/l	0.001	cereal grains	0.01** (determ. limit GLC — 0.005)	0.3 dangerous for contact with skin	0.001	0.002/gen. san.	0.2/transloc.	30	10	4	2

2) Clause 224 is to be revised as follows:

1	2	3	4	5	6	7	8	9	10	11	12	13	14
224	Diatel, EC	chlorpyrifos, 500 g/l +	0.00 1	cereal grains	0.01** (determ. limit GLC-MS — 0.005)	/0.3 dangerous for contact with skin /0.2	/0.001	0.002/ gen. san.	0.2/ transloc.	30	not needed	4	2 (dangerous for contact with conjunctiva)
		cypermethrin, 50 g/l	0.00 3		0.1* (determ. limit GLC — 0.04)	dangerous for contact with skin	0.04 – max. permissible; 0.01 — average daily/	0.006/ san.-tox.	0.02/ transloc.				

3) Clause 533 is to be revised as follows:

1	2	3	4	5	6	7	8	9	10	11	12	13	14
533	Sakheb, EC	chlorpyrifos, 500 g/l +	0.00 1	sugar beet	0.01**	/0.3 dangerous for contact with skin /0.2	/0.001	0.002/ gen. san.	0.2/ transloc.	30	10	4	2
		cypermethrin, 50 g/l	0.00 3		0.05* (determ. limit GLC — 0.05)	dangerous for contact with skin	0.04 – max. permissible; 0.01 — average daily/	0.006/ san.- tox.	0.02/ transloc.				

4) Clause 595 is to be revised as follows:

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1	2	3	4	5	6	7	8	9	10	11	12	13	14
595	Superkil Forte, 550 EC	chlorpyrifos, 500 g/l +	0.001	cereal grains	0.01** (determ. limit GLC-MS — 0.005)	0.3/ dangerous for contact with skin	/0.001	0.002/ gen. san.	0.2/ transloc.	30	not needed	4	2
		<i>Chlorpyrifos control</i>											
		cypermethrin, 50 g/l	0.003		0.1* (determ. limit GLC — 0.04)	/0.2 dangerous for contact with skin	0.04 – max. permissible;	0.006/ san.-tox.	0.02/ transloc.				
		chlorpyrifos, 500 g/l +	0.001	apples	0.01**	0.3/ dangerous for contact with skin	/0.001	0.002/ gen. san.	0.2/ transloc.	40	10	4	
		cypermethrin, 50 g/l	0.003		0.01* (determ. limit GLC — 0.01)	/0.2 dangerous for contact with skin	0.04 – max. permissible;	0.006/ san.-tox.	0.02/ transloc.				
		chlorpyrifos, 500 g/l +	0.001	apple juice	0.01**	0.3/ dangerous for contact with skin	/0.001	0.002/ gen. san.	0.2/ transloc.				
		cypermethrin, 50 g/l	0.003		0.05* (determ. limit GLC — 0.05)	/0.2 dangerous for contact with skin	0.04 – max. permissible;	0.006/ san.-tox.	0.02/ transloc.				
		chlorpyrifos, 500 g/l +	0.001	sugar beet	0.01**	0.3/ dangerous for contact with skin	/0.001	0.002/ gen. san.	0.2/ transloc.	40	10	4	
		cypermethrin, 50 g/l	0.003		0.05* (determ. limit GLC — 0.05)	/0.2 dangerous for contact with skin	0.04 – max. permissible;	0.006/ san.-tox.	0.02/ transloc.				

	chlorpyrifos, 500 g/l +	0.001	soy (grains)	0.01** (determ. limit GLC-MS — 0.005)	0.3/ danger ous for contact with skin	daily/ /0.001	0.002/ gen.- san.	0.2/ transloc.	40	not needed	4
	cypermethrin, 50 g/l	0.003		0.01* (determ. limit GLC — 0.01)	with skin /0.2 danger ous for contact with skin	0.04 – ma x. permissible;	0.006/ san.- tox.	0.02/ transloc.			
	chlorpyrifos, 500 g/l +	0.001	soy (oil)	0.01** (determ. limit GLC-MS — 0.005)	0.3/ danger ous for contact with skin	daily/ /0.001	0.002/ gen.- san.	0.2/ transloc.			
	cypermethrin, 50 g/l	0.003		not needed*	/0.2 danger ous for contact with skin	0.04 – ma x. permissible;	0.006/ san.- tox.	0.02/ transloc.			
	chlorpyrifos, 500 g/l +	0.001	rapeseed (seeds)	0.01** (determ. limit GLC-MS — 0.005)	0.3/ danger ous for contact with skin	daily/ /0.001	0.002/ gen.- san.	0.2/ transloc.	30	not needed	4
	cypermethrin, 50 g/l	0.003		0.1* (determ. limit GLC — 0.1)	with skin /0.2 danger ous for contact with skin	0.04 – ma x. permissible;	0.006/ san.- tox.	0.02/ transloc.			
	chlorpyrifos, 500 g/l +	0.001	rapeseed (oil)	0.01** (determ. limit GLC-MS — 0.005)	0.3/ danger ous for contact with skin	daily/ /0.001	0.002/ gen.- san.	0.2/ transloc.			
	cypermethrin, 50 g/l	0.003		not needed*	/0.2 danger ous for contact with skin	0.04 – ma x. permissible;	0.006/ san.- tox.	0.02/ transloc.			

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Clause 619 is to be revised as follows:

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1	2	3	4	5	6	7	8	9	10	11	12	13	14
619	Tviks, EC	chlorpyrifos, 500 g/l +	0.00 1	rapeseed (seeds)	0.01** (determ. limit GLC-MS — 0.005)	0.3/ dangerous for contact with skin	/0.001	0.002/ gen. san.	0.2/ transloc.	30	not needed	4	2 (dangerous for contact with conjunctiva)
		cypermethrin, 50 g/l	0.00 3		0.1* (determ. limit GLC — 0.1)	/0.2 dangerous for contact with skin	0.04 – max. permissible; 0.01 — average daily/	0.006/ san.-tox.	0.02/ transloc.				
		chlorpyrifos, 500 g/l +	0.00 1	rapeseed (oil)	0.01**	0.3/ dangerous for contact with skin	/0.001	0.002/ gen. san.	0.2/ transloc.				
		cypermethrin, 50 g/l	0.00 3		not needed*	/0.2 dangerous for contact with skin	0.04 – max. permissible; 0.01 — average daily/	0.006/ san.-tox.	0.02/ transloc.				

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5) Clause 697 is to be revised as follows:

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1	2	3	4	5	6	7	8	9	10	11	12	13	14
697	Khlorpirivit- agro, EC	chlорpyrifos, 500 g/l	0.001	apples	0.01**	0.3/ dangerous for contact with skin	/0.001	0.002/ gen. san.	0.2/ transloc.	40	10	4	2
		+	0.003										
		cypermethrin, 50 g/l											
		chlорpyrifos, 500 g/l	0.001	apple juice	0.01**	0.3/ dangerous for contact with skin	/0.001	0.002/ gen. san.	0.2/ transloc.				

		cypermethrin, 50 g/l	0.003		0.05* (determ. limit GLC — 0.01)	/0.2 dangerous for contact with skin	0.04 – max. permissible; 0.01 — average daily/	0.006/ san.-tox.	0.02/ transloc.				
		chlorpyrifos, 500 g/l +	0.001	sorghum	0.01**	0.3/ dangerous for contact with skin	/0.001	0.002/ gen. san.	0.2/ transloc.	30	not needed	4	
		cypermethrin, 50 g/l	0.003		0.3** (determ. limit GLC — 0.05)	/0.2 dangerous for contact with skin	0.04 – max. permissible; 0.01 — average daily/	0.006/ san.-tox.	0.02/ transloc.				

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6) Clause 701 is to be revised as follows:

1	2	3	4	5	6	7	8	9	10	11	12	13	14
701	Tserber, EC	chlorpyrifos, 500 g/l +	0.001	cereal grains	0.01** (determ. limit GLC-MS — 0.005)	0.3/ dangerous for contact with skin	/0.001	0.002/ gen. san.	0.2/ transloc.	30	not needed	4	2
		cypermethrin, 50 g/l	0.003		0.1* (determ. limit GLC — 0.04)	/0.2	0.04 – max. permissible; 0.01 — average daily/	0.006/ san.-tox.	0.02/ transloc.				

2. Clauses 46 and 47 of Table 2 are to be revised as follows:

1	2	3	4	5	6	7	8	9	10	11	12	13	14							
46	Diagro Max, gran.	chlorpyri fos,	0.001	sugar beet	0.01**	/0.3 danger	/0.001	0.002/ gen. san.	0.2/ transloc.	not needed	10	4	2							
		150 g/kg + N — 4—9.6%, P2O5 — 32— 48%, MgO — 2—4%, SO3 — 2— 7%, Zn — 1—3%, Mn — 1—3%																		
				sun flower (se eds)	0.01** (determ. limit GLC-MS — 0.005)													not needed	not needed	4
				sunflower (oil) corn (grains)	not needed															4
				corn (oil)	0.01** (determ. limit GLC-MS — 0.005)					not needed	not needed									
47	Diagro Start,	chlorpyri fos,	0.001	sugar beet	0.01**	/0.3 danger	/0.001	0.002/ gen. san.	0.2/ transloc.	not needed	10	4	2							

	gran.	30 g/kg + N — 4— 9.6%, P2O5 — 32—48%, MgO — 2— 4%, SO3 — 2—7%, Zn — 1—3%, Mn — 1—3%			ous for contact with skin								
			sun flower (se eds)	0.01** (determ. limit GLC-MS — 0.005)					not needed	not needed	4		
			sun flower (oil)	not needed					-	-	-		
			corn (grains)	0.01** (determ. limit GLC-MS — 0.005)					not needed	not needed	4		
			corn (oil)	not needed					-	-	-		

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**General Director of the
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Iryna RUDENKO

Attachments:

No Attachments.