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STANDARDIZATION ORGANIZATION FOR G.C.C (GSO)

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الحدود القصوى لبقايا مبيدات الآفات في المنتجات الزراعية والغذائية - الجزء الثاني

MAXIMUM LIMITS OF PESTICIDE RESIDUES PERMITTED IN AGRICULTURAL AND FOOD PRODUCTS - PART 2

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MAXIMUM LIMITS OF PESTICIDE RESIDUES PERMITTED IN AGRICULTURAL AND FOOD PRODUCTS - PART 2

1. SCOPE AND FIELD OF APPLICATION

This standard is concerned with the maximum limits of the following pesticide residues permitted in agricultural and food products intended for human consumption: dimethoate, chlorfenvinphos, crufomate, diazinon, dioxathion, diphenyl, diphenylamine, ethoxyquin and folpet.

2. COMPLEMENTARY REFERENCES

2.1 GSO Standard on Methods of Test for Pesticide Residues Permitted in Agricultural and Food Products".

3. DEFINITIONS

The definitions mentioned in GSO 382/1994 "Maximum Limits of Pesticide Residues Permitted in Agricultural and Food Products - Part 1", shall be used.

4. REQUIREMENTS

Pesticides mentioned in Tables 1 to 9 are permitted for use only in food products, provided that their limits shall not exceed the proportions mentioned against each in the tables.

4.1 Dimethoate:

Residue: Sum of Dimethoate and Omethioate

Table 1

Maximum residue limit of dimethoate

Food Product	Maximum Residue Limit (ppm)	Notes
Apples	2.0	
Beans	2.0	
Beetroot	0.2	
Broccoli	2.0	
Cabbage	2.0	
Carrot	1.0	
Cattle	0.02	
Cauliflower	2.0	
Celery	2.0	
Cherries	2.0	
Corn grain	0.1	
Eggs	0.02	
Cotton seed	0.1	

Food Product	Maximum Residue Limit (ppm)	Notes
Goats	0.02	
Grapefruits	2.0	
Grapes	1.0	
Lemons	2.0	
Lettuce	2.0	
Melon	1.0	
Milk	0.002	
Mustard green	2.0	
Olive oil, refined	0.05	
Olive	1.00	
Olives, processed	0.05	
Onion	0.2	
Orange	2.0	
Pears	2.0	
Peas	*0.5*	
Pecan	0.1	
Peppers	1.0	
Potatoes	*0.05*	
Poultry	0.02	
Safflower, seed	0.1	
Sheep	0.02	
Sorghum, grain	0.1	
Soybeans	*0.05*	
Soybeans hay	2.0	
Spinach	2.0	
Sugar beet	0.05	
Sugar beet leaves	1.0	
Tomato	1.0	
Wheat, grain	0.04	
Wheat, straw	2.0	
Wheat (used as feed)	2.0	
Turnip	0.5	

4.2 Chlorfenvinphos

Residue: Sum of alpha and beta-chlorfenvinphos.

Table 2

Maximum residue limit of chlorfenavinphos

Food Product	Maximum Residue Limit (ppm)	Notes
Broccoli	0.05	Carcase fat basis
Cabbage	0.05	
Carcase meat	0.2	
Carrot	0.4	

Food Product	Maximum Residue Limit (ppm)	Notes
Citrus fruit	1.00	
Cauliflower	0.1	
Cottonseed	0.05	
Eggplant	0.05	
Horseradish	0.1	
Leeks	0.05	
Maize	0.05	(Kernels)
Milk	0.008	Fat basis
Mushroom	0.05	
Onion	0.05	
Peanuts	0.05	Shell - free basis
Potato	0.05	
Radish	0.1	
Rice	0.05	
Sweet Potato	0.05	
Tomato	0.1	
Turnip	0.05	
Wheat	0.05	

4.3 Crufomate

Residue: Crufomate

Table 3

Maximum residue limit of crufomate

Food Product	Maximum Residue Limit (ppm)	Notes
Meat	1.0	
Milk	0.05	Fat basis

Table 4

Maximum residue limit of diazinon

Food Product	Maximum Residue Limit (ppm)	Notes
Almonds	0.1	Shell - free basis
Barley	0.1	
Cattle, carcase meat	0.7	On the carcase fat basis
Citrus fruit	0.7	
Cotton seed	0.1	
Filberts	0.1	Shell - free basis
Fruit (except cherries, grape, melon, carrot, cucumber)	0.5	
Leafy vegetables	0.75	
Milk	0.70	
Olive oil	0.02	
Olive (unprocessed)	2.0	
Peaches	2.0	
Peanuts	0.7	
Pecans	0.1	Shell - free basis
Rice (polished)	0.1	Shell - free basis
Safflower seed	0.1	
Sheep, carcase meat	0.7	On the carcase fat basis
Sunflower seed	0.1	
Sweet corn	0.7	
Vegetables (except leafy vegetables)	0.5	
Walnuts	0.1	Shell - free basis
Wheat	0.1	

4.5 **Dioxathion**

Residue: Sum of cis and trans - dioxathion

Table 5

Maximum residue Limit of dioxathion

Food Product	Maximum Residue Limit (ppm)	Notes
Apple	5	
Apricots	0.1	
Cattle, carcase meat	1	On the carcase fat basis
Cherries	0.1	

Food Product	Maximum Residue Limit (ppm)	Notes
Citrus fruit	3	
Goats, carcase meat	1	On the carcase fat basis
Grapes	2	
Milk	0.008	
Peaches	0.1	
Pears	5	
Plums	0.1	
Quinces	5	
Sheep, carcase meat	1	On the carcase fat basis

4.6 Diphenyl

Residue: Diphenylamine

Table 6

Maximum residue limit of diphenyl

Food Product	Maximum Residue Limit (ppm)	Notes
Citrus fruit	110	

4.7 Diphenylamine

Residue: Diphenylamine

Table 7

Maximum residue limit of diphenylamine

Food Product	Maximum Residue Limit (ppm)	Notes
Apple	10	

4.8 Ethoxyquin

Residue: Ethoxyquin

Table 8

Maximum residue limit of Ethoxyquin

Food Product	Maximum Residue Limit (ppm)	Notes
Apple	3	
Pears	3	

4.9 Folpet

Residue: Folpet

Table 9

Maximum residue limit of Folpet

Food Product	Maximum Residue Limit (ppm)	Notes
Apple	25	
Blue berries	25	
Cherries	15	
Citrus fruit	10	
Carrots (fresh)	30	
Cucumber	2	
Grapes	25	
Lettuce	15	
Onion	2	
Raspberries	15	
Strawberries	20	
Tomato	5	
Watermelon	2	

5. SAMPLING

Samples shall be taken according to the method mentioned in the relevant food product standard.

6. METHODS OF TEST

6.1 Pesticide residue shall be determined according to the GSO standard mentioned in 2.1.

6.2 Tests for determination of pesticide residues shall be carried out according to 5.1 to determine their compliance with this standard.