

AMENDMENT No.1K

AMENDMENTS TO THE MRL STANDARD

The Australian Pesticides and Veterinary Medicines Authority (APVMA) sets maximum residue limits (MRLs) of agricultural and veterinary chemicals in agricultural produce, particularly produce entering the food chain. These MRLs are set at levels which are not likely to be exceeded if the agricultural or veterinary chemicals are used in accordance with approved label instructions. At the same time the APVMA is satisfied, from dietary exposure assessment, that the levels are not an undue hazard to human health.

The MRL Standard lists MRLs of substances which may arise from the approved use of those substances or other substances, and provides the relevant residue definitions to which these MRLs apply.

The evaluation process takes into account studies on chemistry, metabolism, analytical methodology, residues, good agricultural practice, toxicology and dietary exposure. From time to time the evaluation process results in amendments to the MRL Standard. It should be noted that relevant MRLs are referred to Food Standards Australia New Zealand for incorporation into Standard 1.4.2 of the Food Standards Code entitled “Maximum Residue Limits”.

Note: ‘*’ denotes that the maximum residue limit (MRL) has been set at or about the limit of analytical quantitation (see: Residue Guideline No.4, *Maximum Residue Limit Proposals ‘At or about the Limit of Analytical Quantitation’*, published in NRA Gazette No.9, p44, 5/9/95).

‘T’ denotes that the MRL, residue definition or use is temporary to enable further experimental work to be carried out in Australia or overseas, and will be reconsidered at some future date.

The MRL Standard is also accessible via the APVMA web page.

http://www.apvma.gov.au/residues/mrl_standard.shtml

TABLE 1: MAXIMUM RESIDUE LIMITS OF PESTICIDES, AGRICULTURAL CHEMICALS, FEED ADDITIVES, VETERINARY MEDICINES AND ASSOCIATED SUBSTANCES IN FOOD COMMODITIES

Residues of substances which may occur in food commodities and for which the following maximum residue limits (MRLs) apply.

COMPOUND	FOOD	MRL (mg/kg)
Iprodione		
ADD:		
VR 0577	Carrot	T0.5
ADD:		
Milbemectin		
FB 0275	Strawberry	0.2
ADD:		
Prothioconazole		
GC 0640	Barley	T*0.05
MO 0105	Edible offal (Mammalian)	T*0.05
PE 0112	Eggs	T*0.01
MM 0095	Meat (Mammalian)[in the fat]	T*0.01
ML 0106	Milks	T*0.01
PO 0111	Poultry, Edible offal of [in the fat]	T*0.05
PM 0110	Poultry meat	T*0.05
GC 0654	Wheat	T*0.05
Trinexapac-ethyl		
DELETE:		
GS 0659	Sugar cane	T*0.05
ADD:		
MO 0105	Edible offal (Mammalian)	0.05
MM 0095	Meat (Mammalian)	*0.02
ML 0106	Milks	*0.005
GS 0659	Sugar cane	0.1

TABLE 3: RESIDUE DEFINITION

Where MRL(s) are recommended, the following residue definitions are applicable.

COMPOUND	RESIDUE
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ADD:

Milbemectin Sum of milbemycin MA₃ and milbemycin MA₄ and their photoisomers, milbemycin (Z) 8,9-MA₃ and (Z) 8,9Z-MA₄.

ADD:

Prothioconazole (T) For commodities of plant origin: sum of prothioconazole and prothioconazole desthio (2-(1-chlorocyclopropyl)-1-(2-chlorophenyl)-3-(1*H*-1,2,4-triazol-1-yl)-propan-2-ol), expressed as prothioconazole.
 (T) For commodities of animal origin: sum of prothioconazole, prothioconazole desthio (2-(1-chlorocyclopropyl)-1-(2-chlorophenyl)-3-(1*H*-1,2,4-triazol-1-yl)-propan-2-ol), prothioconazole-3-hydroxy-desthio (2-(1-chlorocyclopropyl)-1-(2-chloro-3-hydroxyphenyl)-3-(1*H*-1,2,4-triazol-1-yl)-propan-2-ol) and prothioconazole-4-hydroxy-desthio (2-(1-chlorocyclopropyl)-1-(2-chloro-4-hydroxyphenyl)-3-(1*H*-1,2,4-triazol-1-yl)-propan-2-ol), expressed as prothioconazole.

TABLE 4: MAXIMUM RESIDUE LIMITS FOR PESTICIDES IN ANIMAL FEED COMMODITIES

Residues of substances which may occur in animal feed commodities and for which the following maximum residue limits (MRLs) apply.

COMPOUND	ANIMAL FEED COMMODITY	MRL (mg/kg)
ADD:		
Prothioconazole		
	Barley forage (fresh weight)	T*0.05
AS 0640	Barley straw and fodder, dry	T*0.05
	Wheat forage (fresh weight)	T*0.05
AS 0654	Wheat straw and fodder	T*0.05
ADD:		
Trinexapac-ethyl		
AS 0650	Rye straw and fodder, dry	3
AM 0659	Sugar cane fodder	1
AV 0659	Sugar cane forage	1

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