

AUSTRALIAN GRAIN STORAGE & PROTECTION CONFERENCE

Meeting Market Requirements

Barley Market MRLs

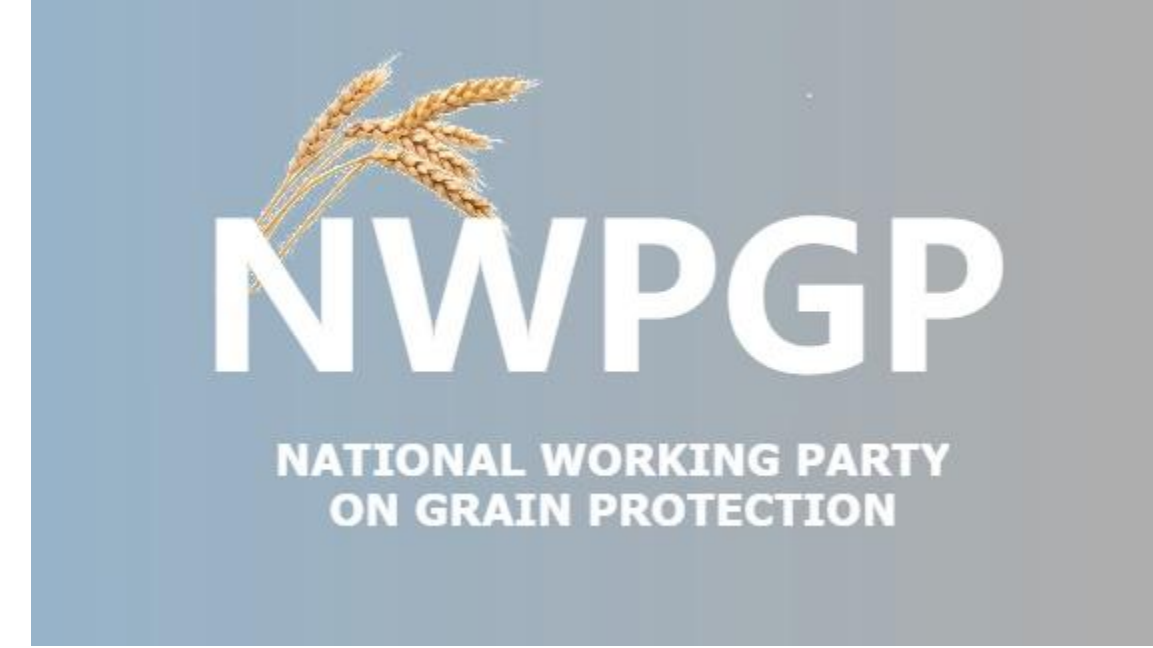
GIWA Barley Forum

26 July 2021

BROUGHT TO YOU BY THE NATIONAL WORKING PARTY ON GRAIN PROTECTION (NWPGP)



Explanatory Notes



Food MRLs shown only, feed MRLs may differ

Markets:

AUS	Australia	CHN	China (Pending)	Cod	Codex Alimentarius Commission
EGY	Egypt	Ethio	Ethiopia	GCC	Gulf Cooperation Council
India	India	Indon	Indonesia	JPN	Japan
Kenya	Kenya	Korea	South Korea	Saudi	Saudi Arabia
Sth Afr	South Africa	TWN	Taiwan	THAI	Thailand
UAE	United Arab Emirates	VNM	Vietnam		

Abbreviations re MRLs - all listed in mg/kg:

T	Temporary	Cod	Codex MRL	AOF	All Other Foods
EU	European Union	*	Limit of Quantification		
D	Default MRL	IT	Import Tolerance		
Ex	MRL expires 31Dec2021	#	AUS industry agrees not to use on malting barley		
USA	United States of America	AUS	APVMA MRL shown only		

Highlighted Orange = not approved in the EU

Highlighted Red = under review now

Highlighted Yellow = Expected to be under review shortly

Specific Post-Harvest Chemical MRLs for Barley as at 19 July 2021

Barley	AUS	CHN	Codex	EGY	Ethio	India	Indon	JPN	Kenya	Korea	Saudi	Sth Afr	TWN	THAI	UAE	VNM
Carbaryl #	15	0	0	0.5 EU	0	1.5	0	0.01 D	0	1 Ex	0	0.5 EU	0	0.01 D	0.5 EU	0
Chlorpyrifos-methyl #	10	T5	3	3 Cod	3 Cod	0.01 D	0	6	3 Cod	4 IT	3 Cod	3 Cod	3	0.01*	3 Cod	0
Deltamethrin	2	0.5	2	2 Cod	2 Cod	2	0	2	2 Cod	2 IT	2 Cod	2 Cod	1	2 Cod	2 Cod	2
Fenitrothion	10	T5	6	6 Cod	6 Cod	0.01 D	0	6	6 Cod	0.01 D	6 Cod	6 Cod	0.3	6 Cod	6 Cod	6
Methoprene	2	0	10	10 Cod	10 Cod	0.01 D	0	5	10 Cod	5 Ex	10 Cod	10 Cod	2	10 Cod	10 Cod	10
Piperonyl butoxide	20	30	30	30 Cod	30 Cod	0.01 D	0	24	30 Cod	20 IT	30 Cod	30 Cod	15	30 Cod	30 Cod	30
Pirimiphos-methyl #	7	0	7	7 Cod	7 Cod	7	0	1	7 Cod	5 Ex	7 Cod	7 Cod	5	7 Cod	7 Cod	7
Pyrethrins	3	0	0.3	0.3 Cod	0.3 Cod	0.01 D	0	3	0.3 Cod	3 Ex	3 GCC	3 EU	0.3	0.3 Cod	0.3 Cod	0.3
Spinosad	1	T1	1	1 Cod	1 Cod	0.01 D	0	2	1 Cod	1 IT	1 Cod	2 EU	1	1 Cod	1 Cod	1
Methyl bromide	50	T5 (0.02* 3Sep31)	50	50 Cod	50 Cod	0.01 D	0	50	50 Cod	50	50 Cod	50 Cod	0	50 Cod	50 Cod	50
Phosphine	0.1	0.05 (AI only)	0.1	0.1 Cod	0.1 Cod	0.01 D	0	0.1	0.1 Cod	0.1	0.1 Cod	0.1 Cod	0.1	0.1 Cod	0.1 Cod	0.1

Herbicide MRLs for Barley as of 19 July 2021

Barley	AUS	CHN	Codex	EGY	Ethio	India	Indon	JPN	Kenya	Korea	Saudi	Sth Afr	TWN	THAI	UAE	VNM
Clopyralid	2	0	0	2 EU	0	0.01 D	0	2	0	0.01 D	2 EU	2 EU	0	0.01 D	2 EU	0
Diclofop-Methyl	0.1	0	0	0.05* EU	0	0.01 D	0	0.1	0	0.1 Ex	0.05* EU	0.05* EU	0	0.01 D	0.05* EU	0
Diflufenican	0.05	0	0	0.02 EU	0	0.01 D	0	0.1	0	0.01 D	0.02 EU	0.02 EU	0	0.01 D	0.02 EU	0
Diquat dibromide (EU)	5	0	5	5 Cod	5 Cod	0.01 D	5	5	5 Cod	0.02 Ex	5 GCC	5 Cod	0	5 Cod	5 Cod	5
Diuron	0.1	0	0	0.01* EU	0	0.01 D	0	0.6	0	1 Ex	0.01* EU	0.01* EU	0	0.01 D	0.01* EU	0
Ethephon	1	1	1.5	1.5 Cod	1.5 Cod	0.01 D	1	1	1.5 Cod	0.3 IT	1.5 Cod	1.5 Cod	1	1.5 Cod	1.5 Cod	1
Glyphosate	20	0	30	30 Cod	30 Cod	0.01 D	0	30	30 Cod	20 IT	30 Cod	30 Cod	0	30 Cod	30 Cod	30
Imazapic-ammonium	0.02	0	0	0.01* EU	0	0.01 D	0	0.01 D	0	0.01 D	0.01* EU	0.01* EU	0	0.01 D	0.01* EU	0
Imazapyr	0.7	0	0.7	0.7 Cod	0.7 Cod	0.01 D	0	0.7	0.7 Cod	0.7 IT	0.7 Cod	0.7 Cod	0	0.7 Cod	0.7 Cod	0
Paraquat	0.05*	0	0	0.02* EU	0	0.1	0	0.05	0	0.01 D	0.02* EU	0.02* EU	0	0.01*	0.02* EU	0
Propachlor	0.05	0	0	0.02* EU	0	0.01 D	0	0.01 D	0	0.01 D	0.02* EU	0.02* EU	0	0.01 D	0.02* EU	0
Saflufenacil (EU)	0.2	0 (1 3Sep)	1	1 Cod	1 Cod	0.01 D	0	1	1 Cod	0.03 IT	1 Cod	1 Cod	0.03	1 Cod	1 Cod	0.01

Insecticide MRLs for Barley as of 19 July 2021

Barley	AUS	CHN	Codex	EGY	Ethio	India	Indon	JPN	Kenya	Korea	Saudi	Sth Afr	TWN	THAI	UAE	VTNM
Chlorpyrifos	T0.1	0	0	0.01* EU	0	0.05	0	0.2	0	0.01 D	0	0.01* EU	0.5	0.01*	0.01* EU	0
Cyfluthrin	0	0	0	0.3 EU	0	0.01 D	0	2	0	2 Ex	0.15 USA	0.3 EU	0.02	0.01 D	0.3 EU	0
Cyhalothrin	0.2	0.5	0.5	0.5 Cod	0.5 Cod	0.01 D	0.5	0.2	0.5 Cod	0.2 Ex	0.5 Cod	0.5 Cod	0.5	0.5 Cod	0.5 Cod	0.5
Cypermethrin (EU)	1	2	2	2 Cod	2 Cod	0.01 D	2	0.5	2 Cod	0.5 Ex	2 Cod	2 Cod	0.5	2 Cod	2 Cod	2
Diazinon	0.1	0	0	0.01* EU	0	0.01 D	0	0.01 D	0	0.01 D	0.1 GCC	0.01* EU	0	0.01 D	0.01* EU	0
Dimethoate	0.5	0	2	2 Cod	2 Cod	0.01 D	2	0.04	2 Cod	0.01 D	2 Cod	2 Cod	0	2 Cod	2 Cod	2
Fenvalerate	2	0	0	0.3 EU	0	0.01 D	0	2	0	2 Ex	0	0.3 EU	0.02	0.01 D	0.3 EU	0
Permethrin	2	2	2	2 Cod	2 Cod	0.01 D	0	2	2 Cod	2 Ex	2 Cod	2 Cod	2	2 Cod	2 Cod	2
Trichlorfon	0.1	0	0	0.01* EU	0	0.05	0	0.1	0	0.01 D	0	0.01* EU	0.02	0.01 D	0.01* EU	0

Specific Fungicide MRLs for Barley as at 19 July 2021

Barley	AUS	CHN	Codex	EGY	Ethio	India	Indon	JPN	Kenya	Korea	Saudi	Sth Afr	TWN	THAI	UAE	VTNM
Azoxystrobin	0.2	1.5	1.5	1.5 Cod	1.5 Cod	0.01 D	0.5	2	1.5 Cod	1.5 IT	1.5 Cod	1.5 Cod	0.5	1.5 Cod	1.5 Cod	1.5
Boscalid	0.5 AOF	0.5	0.5	0.5 Cod	0.5 Cod	0.01 D	0.5	3	0.5 Cod	0.01 D	0.5 Cod	4 EU	0.02	0.5 Cod	0.5 Cod	0.5
Dithiocarbamates	0.5	1	1	1 Cod	1 Cod	0.2	1	1	1 Cod	1 IT	1 Cod	2 EU	0.5	1 Cod	1 Cod	1
Epoxiconazole	0.05	0	0	1.5 EU	0	0.01 D	0	1	0	0.01 D	0	1.5 EU	0.02	0.01 D	1.5 EU	0
Flutriafol	0.2	0	0	0.15 EU	0	0.01 D	0	0.2	0	0.01 D	0.15 EU	0.15 EU	0.02	0.01 D	0.15 EU	0
Fluxapyroxad	0.2	T2	2	2 Cod	2 Cod	0.01 D	0	3	2 Cod	2 IT	2 Cod	2 Cod	2	2 Cod	2 Cod	2
Prothioconazole	0.3	T0.2	0.2	0.2 Cod	0.2 Cod	0.01 D	0.2	0.4	0.2 Cod	0.01 D	0.2 Cod	0.2 Cod	0.2	0.2 Cod	0.2 Cod	0.2
Pydiflumetofen	T3	0	0	4 USA	0	0.01 D	0	4	0	4 IT	0	0.01 D	0	0.01 D	0.01 D	0
Spiroxamine	0.03	0	0	0.05 EU	0	0.01 D	0	0.3	0	0.01 D	0	0.05 EU	0	0.01 D	0.05 EU	0
Tebuconazole	0.2	2	2	2 Cod	2 Cod	0.01 D	2	3	2 Cod	0.3	2 Cod	2 Cod	0.2	2 Cod	2 Cod	2
Triadimefon	0.5	0.2	0.2	0.2 Cod	0.2 Cod	0.01 D	0	0.5	0.2 Cod	0.5 Ex	0.2 Cod	0.2 Cod	0.5	0.2 Cod	0.2 Cod	0.2

Specific Market Comments

- **China has not officially published new MRLs (>3,000), due for adoption 3 September 2021**
- **European Union continues to review a range of chemicals annually**
- **India currently reviewing policy on chemical regulations**
- **India still reviewing a range of MRL changes, banned chemicals**
- **South Korea Positive List System to be finalised 31 Dec 21**