

## Plant Protection Products (PPPs) for Hop Production in Slovenia – 2026 (February 2026)

The 2026 list of plant protection products (PPPs) for hops was compiled based on PPPs registered in Slovenia as of 12 February 2026, together with the maximum residue limits (MRLs) applicable to hops in the EU, the USA, Japan, China, Korea, and Great Britain.

**\*China is currently establishing its own MRL system. So far, it appears to focus only on MRLs for active ingredients (a.i.) for which Chinese MRLs have already been established. For other active ingredients, China seems to apply Codex MRLs unofficially; however, this has not yet been formally published.**

**Table 1: Downy mildew (*Pseudoperonospora humuli*) – primary infection**

Product/ Trade name	Active ingredient	EU MRL (ppm)	US MRL (ppm)	Japan MRL (ppm)	China MRL (ppm)*	Korea MRL (ppm)	Great Britain MRL (ppm)
Aliette flash	fosetyl-AI	1500	<b>45</b>	1440	-	<b>50</b> import tolerance	2000
Fonganil	metalaxyl-M (Mefenoxam)	15	20	10	10	10	15
Profiler	fosetyl-AI + fluopicolide	1500 + <b>0.15</b>	<b>45 + 15</b>	1440 + 0.7 import tolerance	-	<b>50 + 15</b> import tolerance	2000 + 0.7

**Table 2: Downy mildew (*Pseudoperonospora humuli*) – secondary infection**

Product/ Trade name	Active ingredient	EU MRL (ppm)	US MRL (ppm)	Japan MRL (ppm)	China MRL (ppm)*	Korea MRL (ppm)	Great Britain MRL (ppm)
Aliette flash	fosetyl-AI	1500	45	1440	-	50 import tolerance	2000
Badge WG	copper hydroxide + copper oxychloride	1000	exempt	exempt	-	exempt	1000
Cuprablau Z 35 WP	copper oxychloride	1000	exempt	exempt	-	exempt	1000
Folpan 80 WDG	folpet	400	120	120	-	0.01 default	400
Folpan gold	folpet + metalaxyl-M	400 15	120 20	120 10	- 10	0.01 - default 10	400 15
Mirador 250 SC	azoxystrobin	40	20	30	30	30 import tolerance	30 Proposed import tolerance
Ortiva	azoxystrobin	40	20	30	30	30 import tolerance	30 Proposed import tolerance
Orondis EVO	azoxystrobin+ oxathiapiprolin	40 8	20 5	30 5	30 -	30 import tolerance	30 5

Product/ Trade name	Active ingredient	EU MRL (ppm)	US MRL (ppm)	Japan MRL (ppm)	China MRL (ppm)*	Korea MRL (ppm)	Great Britain MRL (ppm)
						5 import tolerance	
Polyversum	<i>Pythium oligandrum</i>	exempt	exempt	exempt	exempt	exempt	exempt
Revus	mandiropamid	90	50	90	90	90 import tolerance	90
Zaftra AZT 250 SC	azoxystrobin	40	20	30	30	30 import tolerance	30 Proposed import tolerance

**Table 3: Powdery mildew (*Podosphaera macularis*)**

Product/ Trade name	Active ingredient	EU MRL (ppm)	US MRL (ppm)	Japan MRL (ppm)	China MRL (ppm)*	Korea MRL (ppm)	Great Britain MRL (ppm)
Cosan	sulfur	exempt	exempt	exempt	-	exempt	exempt
Kumulus DF	sulfur	exempt	exempt	exempt	-	exempt	exempt
Microthiol SC	sulfur	exempt	exempt	exempt	-	exempt	exempt
Pepelin	sulfur	exempt	exempt	exempt	-	exempt	exempt
Vindex 80 WG	sulfur	exempt	exempt	exempt	-	exempt	exempt
Karbicare	potassium bicarbonate	exempt	exempt	exempt	-	0.01 default	exempt
Vitisan	potassium bicarbonate	exempt	exempt	exempt	-	0.01 default	exempt
Luna sensation	fluopyram+ trifloxystrobin	60 40	60 11	60 40	- 40	50 import tolerance 40 import tolerance	50 40
Vivando	metrafenone	80	70	70	- Proposed 70	70 import tolerance	80

**Table 4: *Phoma exigua* = *Boeremia exigua* var. *exigua***

Product/ Trade name	Active ingredient	EU MRL (ppm)	US MRL (ppm)	Japan MRL (ppm)	China MRL (ppm)*	Korea MRL (ppm)	Great Britain MRL (ppm)
Mirador 250 SC	azoxystrobin	40	20	30	30	30 import tolerance	30 Proposed import tolerance
Ortiva	azoxystrobin	40	20	30	30	30 import tolerance	30 Proposed import tolerance
Zaftra AZT 250 SC	azoxystrobin	40	20	30	30	30 import tolerance	30 Proposed import tolerance

**Table 5: *Cercospora cantuariensis* = *Phaeomycocentrospora cantuariensis***

Product/ Trade name	Active ingredient	EU MRL (ppm)	US MRL (ppm)	Japan MRL (ppm)	China MRL (ppm)*	Korea MRL (ppm)	Great Britain MRL (ppm)
-	-	-	-	-	-	-	-

**Table 6: Hop damson aphids (*Phorodon humuli*)**

Product/ Trade name	Active ingredient	EU MRL (ppm)	US MRL (ppm)	Japan MRL (ppm)	China MRL (ppm)*	Korea MRL (ppm)	Great Britain MRL (ppm)
Afinto	flonicamid	3	20	20	20	20 import tolerance	3
Teppeki	flonicamid	3	20	20	20	20 import tolerance	3
Asset five	pyrethrins	0.5	-	-	-	-	-
Karate Zeon 5 CS	lambda-cyhalotrin	10	10	10	-	0.7	10
Movento SC 100	spirotetramat	15	10	15	15	4 import tolerance	15

**Table 7: Hop flea beetle (*Psylliodes attenuatus*)**

Product/ Trade name	Active ingredient	EU MRL (ppm)	US MRL (ppm)	Japan MRL (ppm)	China MRL (ppm)*	Korea MRL (ppm)	Great Britain MRL (ppm)
Asset five	pyrethrins	0.5	-	-	-	-	-
Exirel	cyantraniliprole	0.05	70	0.01 default	-	10	0.05
Karate Zeon 5 CS	lambda-cyhalotrin	10	10	10	-	0.7	10

**Table 8: European corn borer (*Ostrinia nubilalis*)**

Product/ Trade name	Active ingredient	EU MRL (ppm)	US MRL (ppm)	Japan MRL (ppm)	China MRL (ppm)*	Korea MRL (ppm)	Great Britain MRL (ppm)
Agree WG	<i>Bacillus Thuringiensis</i> var. <i>Aizawai</i>	0.01 default	exempt	0.01 default	exempt	0.01 default	0.01 default
Lepinox plus	<i>Bacillus Thuringiensis</i> var. <i>Kurstaki</i>	0.01 default	exempt	0.01 default	- exempt	0.01 default	0.01 default
Karate Zeon 5 CS	lambda-cyhalotrin	10	10	10	-	0.7	10

**Table 9: Cabbage moth (*Mamestra brassicae*) and potato stem borer/rosy rustic moth (*Hydraecia micacea*)**

Product/ Trade name	Active ingredient	EU MRL (ppm)	US MRL (ppm)	Japan MRL (ppm)	China MRL (ppm)*	Korea MRL (ppm)	Great Britain MRL (ppm)
Agree WG	<i>Bacillus Thuringiensis</i> var. <i>Aizawai</i>	0.01 default	exempt	0.01 default	exempt	0.01 default	0.01 default

**Table 10: Two-spotted spider mite (*Tetranychus urticae*)**

Product/ Trade name	Active ingredient	EU MRL (ppm)	US MRL (ppm)	Japan MRL (ppm)	China MRL (ppm)*	Korea MRL (ppm)	Great Britain MRL (ppm)
Nissorun 10 WP	hexythiazox	3 Proposed 20	20	25	3	20 import tolerance	20
Nissorun 250 SC	hexythiazox	3 Proposed 20	20	25	3	20 import tolerance	20
Milbeknock	milbemectin	0.2	-	0.1	-	0.2 import tolerance	0.2
Kanemite SC	acequinocyl	20	15	15	0.01	15 import tolerance	15
Movento SC 100	spirotetramat	15	10	15	15	4 import tolerance	15
Cosan	sulfur	exempt	exempt	exempt	-	exempt	exempt
Pepelin WG	sulfur	exempt	exempt	exempt	-	exempt	exempt
Vindex 80 WG	sulfur	exempt	exempt	exempt	-	exempt	exempt

**Table 11: Alfaalfa snout weevil (*Otiorhynchus ligustici*)**

Product/ Trade name	Active ingredient	EU MRL (ppm)	US MRL (ppm)	Japan MRL (ppm)	China MRL (ppm)*	Korea MRL (ppm)	Great Britain MRL (ppm)
Exirel	cyantraniliprole	0.05	70	0.01 default	-	10	0.05

**Table 12: Herbicides/defoliant**

Product/ Trade name	Active ingredient	EU MRL (ppm)	US MRL (ppm)	Japan MRL (ppm)	China MRL (ppm)*	Korea MRL (ppm)	Great Britain MRL (ppm)
Beloukha	pelargonic acid	- exempt	- exempt	0.01 default	-	- exempt	- exempt

**Table 13: Repellents**

Product/ Trade name	Active ingredient	EU MRL (ppm)	US MRL (ppm)	Japan MRL (ppm)	China MRL (ppm)*	Korea MRL (ppm)	Great Britain MRL (ppm)
Trico	sheep fat	exempt	exempt	exempt	exempt	exempt	exempt

**Table 14: Limacids**

Product	Active ingredient	EU	USA	Japan	China*	Korea	Great Britain
Ferrocious	Iron phosphate	exempt	exempt	exempt	exempt	exempt	exempt
Hierro	Iron phosphate	exempt	exempt	exempt	exempt	exempt	exempt
Rasti ferro	Iron phosphate	exempt	exempt	exempt	exempt	exempt	exempt