

Notification

AUTHORISATION IN THE SCOPE OF ARTICLE 53

Please note that, due to a danger to plant protection that cannot be contained by any other reasonable means, an authorisation in accordance with Article 53 of Regulation (EC) No 1107/2009, has been granted as follows:

1	Member State, and MS notification number	HU-2016-01
2	In case of repeated derogation: no. of previous derogation(s)	0
3	Names of active substances	<i>thiamethoxam</i>
4	Trade name of Plant Protection Product	Cruiser 350 FS
5	Type of formulation and contents of active substance(s) (e.g. 80% dry granule)	350 g/l
6	Applicant	Vetőmag Szövetség Szakmaközi Szervezet és Terméktanács
7	Danger	<i>Diabrotica virgifera virgifera, Tanymecus dilaticollis, Tanymecus Palliatus</i> , soil pests, weevils, aphids
8	Crop, plants or situation	maize and sunflower seeds for seed production
9	Minor or major use	major use
10	Time period for authorisation	01.02.2016.-30.05.2016
11	Further limitations	seed treatment is authorised only for production of seed propagating materials on 32 000 ha
12	MRL: Reference to product code number in Annex I of regulation (EC) No 396/2005	not relevant
13	Compliance with MRL set in Regulation (EC) No 396/2005	not relevant
14	Member State contact point	Tibor Baranyi baranyit@nebih.gov.hu National Food Chain Safety Office, Directorate of Plant Protection, Soil Conservation and Agri-Environment Address: H-1118 Budapest, Budaörsi út 141-145

15. GAP

GAP rev. , date: year-month-day

PPP (product name/code) Cruiser 350 FS
active substance: thiamethoxam

Formulation: Type: FS
Conc. of as: 350 g/l

Applicant: Vetőmag Szövetség Szakmaközi
Szervezet és Termék tanács

1	2	3	4	5	6	7	8	9	10	11	12
Use- No.	Crop and/ or situation (crop destination / purpose of crop)	F G or I	Pests or Group of pests controlled (additionally: developmental stages of the pest or pest group)	Application			Application rate			PHI (days)	Remarks: e.g. safener/synergist per ha e.g. recommended or mandatory tank mixtures
				Method /Kind	Timing / Growth stage of crop & season	Max. number (min. interval between applications) a) per use b) per crop/ season	kg, L product /ha a) max. rate per appl. b) max. total rate per crop/season	g, kg, ml as/ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha min / max		
1	maize	F	<i>Diabrotica virgifera virgifera</i> , <i>Tanymecus dilaticollis</i> , <i>Tanymecus Palliates</i> and other weevils, soil pests, aphids	seed treatment	seed (BBCH 00)	1	9-18 L product/ tonne seed	3.15 – 6.3 kg a.s./ tonne seed	10 L/tonne product	n.a.	
2	sunflower	F	<i>Tanymecus dilaticollis</i> , <i>Tanymecus Palliatus</i> , and other weevils, soil pests	seed treatment	seed (BBCH 00)	1	10-12.5 L product/ tonne seed	3.5 – 4.375 kg a.s./tonne seed	10 L/tonne product	n.a.	

16. Value of tMRL if needed

Not relevant.

17. Validated analytical method for monitoring of residues in plants and plant products.

Not relevant.

18. Function of the product

The product is used as an insecticide in the form of seed treatment.

19. Type of danger to plant production or ecosystem.

The level of attack by *Diabrotica virgifera virgifera*, *Tanymecus dilaticollis*, *Tanymecus Palliatus*, other soil pests and aphids has been increasing in maize and sunflower. The control of these pests is very limited. Without effective seed treatment against these pests the only control measure is using pyrethroids, however by now these pests have developed a high level of resistance against pyrethroids.

The control of pests can only be managed by multiple foliar spraying which brings a high risk to the environment, especially to bees.

20. Size and effect of danger

Maize and sunflower seeds as propagating materials were treated with neonicotinoids before the restrictions of these active substances. During the last year the production of hybrid maize seeds has decreased by 50% in Hungary.

The Hungarian seed propagation for the purpose of national use and export can be only ensured by sowing certified treated seeds.

Western corn rootworm and weevils can cause 10-20% yield reduction in infested crops.

In seed production the lack of plants may threaten the crossing of hybrid crops on the target field and cause significant reduction of seed quantity in female line. The lack of plants with male line is the source of fertility problems, furthermore significant damages may result in complete failure of hybrid production. These cases could be prevented exclusively by seed treatment with neonicotinoids.

21. Absence of any other reasonable means

Without effective seed treatment against these pests the only control measure is using pyrethroids, however by now these pests have developed a high level of resistance against pyrethroid active substances.

22. Rationale

The emergency authorisation is granted only for the purposes of seed production. The increased use of foliar spraying with pyrethroid actives substances is resulting in the development of resistance for certain pests, which will cause problems for the Hungarian seed propagating industry on the long term.

23. Mitigation measures

Emergency authorisation is limited to 32000 ha and the sowing of treated seeds is restricted to seed production only.

Restrictions given in the authorisation as follows:

- To protect birds/wild mammals the product must be entirely incorporated in the soil; ensure that the product is also fully incorporated at the end of the rows.

- To protect birds/wild mammals remove spillages
- Seed coating shall only be performed in professional seed treatment facilities. Those facilities must apply the best available techniques in order to minimise release of dust during application.
- To protect bees and other pollinators ensure that dust drift is minimised.
- Adequate seed drilling equipment shall be used to ensure minimisation of spillage and dust emission.
- It is prohibited to use the product on the internal protection area of drinking water bases, the preparation can be used, as laid down in special permit, on external protection areas and within hydrogeologic zones.

24. Applications in progress

No application for these uses is in progress.

25. Research activities

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[To be uploaded on CIRCABC](#) in Pdf format¹

¹ IG "Plant Protection Products and their residues, [section of the next SCFAH-Meeting](#), subsection "Notifications under Art 53