

# The effective disinfectant for control of storage pests

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Why allow grain infestation when we have the opportunity to treat preventively and protect our production? In its strive to offer innovative solutions that fully meet the needs of modern farmers and help them preserve their produce, UPL has created the products from the **Talizma** range. These are broad-spectrum insecticides and biocides for grain protection during storage, which can be used both for preventive treatment of the production immediately after harvest, as well as for disinsection of empty storage facilities.

**Talizma** is a modern, highly effective product for elimination and long-term protection against pests in empty and full storage facilities through disinsection or direct treatment of grain. It immediately destroys existing pests (immediate effect of the pyrethroid) and protects the premises and grain for 6 to 18 months after application,

thanks to the long residual effect of the synergist. The high and prolonged efficacy of the product is due to the combination between its active substance – cypermethrin and the synergist piperonyl butoxide. **Talizma** is a broad-spectrum insecticide and biocide with excellent curative and long-lasting protective action against all storage pests – weevils, flour beetles, grain borers, moths, mites and many others.

Treatment with **Talizma** is a safe and cost-effective solution for the control of storage pests in empty warehouses and during grain storage, fully meeting users' expectations!

**Talizma EC** and **Talizma UL** from UPL are your reliable choice against primary and secondary storage pests. Grain treated with **Talizma** has a quarantine period of only 1 day and can easily be traded or used for food purposes immediately after application of the product.

If you are looking for flexible solutions for disinfestation of empty warehouses and for reliable protection of your grain during storage, trust **Talizma!**

## Advantages of Talizma EC and Talizma UL:

- **Rapid action** without residues and **without unpleasant odor**
- Suitable for grain treatment **for short-term and long-term storage**
- **Low application rate** – for **Talizma EC** 1–2 L of plant protection product is sufficient for treatment of 100 tons of grain
- No specialized teams are required for the application of **Talizma**. **All operations are fully mechanized and performed by a single operator.**
- **Storage security** of grain both during intake into the silo and during long-term storage (e.g. up to 2 years in the State Reserve)
- Broad spectrum of activity **against all insect storage pests and mites:** weevils, flour beetles, grain borers, moths and mites in grain and dried fruits
- An alternative to organophosphorus products and fumigants. As additional advantages, **Talizma also controls the lesser grain borer** (*Rhizopertha dominica*) and **has no unpleasant odor for the operator**

- **Does not affect the baking and brewing qualities** of the treated production

- **Excellent protective and curative efficacy** – live infestation is eliminated 100% within three hours after treatment with **Talizma**

- **Talizma** is the fumigant with the **shortest quarantine period (24 hours)**, which makes it extremely suitable also for treatment of grain intended for processing, trade or the feed industry.

UPL offers every interested farmer a flexible program, including free provision and installation of automated equipment for the application of **Talizma UL** for direct grain treatment during storage.

For additional information and recommendations, the regional representatives of UPL are at your disposal:

- Western Bulgaria – Hristo Atanasov – 0889 916 264
- Central Northern Bulgaria – Georgi Borisov – 0887 688 199
- Northeastern Bulgaria – Miroslav Yordanov – 0883 777 475
- Southern Bulgaria – Zapryan Dimitrov – 0888 860 301