

Boost Insecticide Performance with Pangaea Booster

Combat resistance.
Restore control.

Pangaea Booster[™] helps you get the best from your insecticide applications.

Insecticide resistance is a growing challenge for growers, impacting yields and increasing costs. Pangaea Booster[™] is a tried-and-tested adjuvant designed to improve the efficacy of a wide range of plant protection products (PPPs), including insecticides - even against resistant pest populations.

Why Pangaea Booster[™]?

Pangaea Booster[™] gives you confidence that your crop protection strategy is delivering results. It helps to ensure that PPPs, including insecticides, do their job effectively.

HOW IT WORKS

Pangaea Booster[™] temporarily disables the metabolic resistance mechanism (cytochrome P450) in insects. This leaves pests hypersensitive, making them far more vulnerable to insecticides.

If resistance is undermining your current pest control protocols, Pangaea Booster[™] can restore their effectiveness - quickly and reliably.

KEY BENEFITS

- ✓ Improves control of pests with known resistance to conventional treatments
- ✓ Compatible with a wide range of PPPs including insecticides, fungicides, and herbicides
- ✓ Backed by trials across multiple crops and geographies



Application Rates and Trial Results

Application Rates

SPRAY WATER VOLUME PER HECTARE (LITRES)	QUANTITY OF PANGAEA BOOSTER [™] PER HECTARE (mL)*	QUANTITY OF PANGAEA BOOSTER [™] PER 100 LITRES (mL)*
100	200	200
500	300	60
1000	300	30
2000	300	15

Users should refer to the statutory conditions of use of the plant protection product for maximum number of treatments and latest time of application.

Trials

What the trials showed

Recent field trials in Poland and the Czech Republic evaluated Pangaea Booster[™] in tank mixes targeting resistant insect populations, including:

- Pollen beetle
- Diamond back moth
- Colorado potato beetle
- Cabbage seed weevil
- Cabbage stem flea beetle

Trial parameters

- Standard commercial insecticide rates
- 200L water/ha
- 3 replications per treatment
- 24-hour post-application evaluation

Results

- Enhanced efficacy across all tested insecticides
- Consistent results against both primary and secondary pests
- Pangaea Booster[™] improved mortality rates when added to deltamethrin, lambda-cyhalothrin, and tau-fluvalinate

Pangaea Booster[™] gives growers a practical, effective solution to combat pest resistance. It integrates seamlessly with current practices and helps to protect the long-term performance of existing PPP programmes.

