



NICHINO

GOZAI® FOR EFFECTIVE HAULM DESTRUCTION

Once potato crops reach peak yield, timely and effective desiccation is essential for maintaining tuber quality and enabling a smooth harvest. Proper desiccation promotes thorough haulm removal, encourages skin set, and facilitates stolon detachment.

Chemical Desiccation Guidelines

Key Notes:

PPO active ingredients have limited movement within the plant; thorough coverage is essential for effective desiccation.

For optimal efficacy, use 300 L/ha of water.

Gozai must always be tank-mixed with a methylated vegetable oil such as Toil.

If increasing water volume, adjust the oil rate according to the adjuvant's authorisation.

Application Instructions:

Apply: 0.8 L/ha Gozai + minimum 1.5 L/ha authorised methylated vegetable oil + full rate Ranman Top as an opening spray at the onset of senescence.

Maximum of 2 applications per crop.

Minimum interval between applications: 7 days.

Minimum interval between application and harvest: 14 days.

Maximum single dose: 0.8 L/ha.

Maximum total dose per crop: 1.6 L/ha.

- PPO-group active ingredients like Gozai, move only minimally within the plant, making thorough spray coverage essential for effective desiccation.
- For best results, we recommend applying water at a rate of 300 L/ha.
- Gozai should always be tank-mixed with a methylated vegetable oil, such as Toil.
- If water volume is increased, adjust the oil rate accordingly, following the adjuvant's authorisation.
- A maximum of two applications is permitted per crop.
- Allow a minimum interval of 7 days between applications.
- Maintain a minimum interval of 14 days between application and harvest.
- The maximum single application rate is 0.8 L/ha.
- The total dose per crop must not exceed 1.6 L/ha
- Apply 0.8 L/ha of Gozai with at least 300L/Ha of water of water with an authorised 1.5L/Ha of methylated vegetable oil, such as Toil, plus the full rate of Ranman Top as an initial spray at the start of senescence.



Gozai

HERBICIDE

Note: Pyraflufen activity can be reduced under dry conditions. For best results, apply when plants are actively transpiring and soil moisture is adequate, ensuring thorough coverage to improve desiccation performance.



Flail Desiccation Guidelines

Pre-Flail Application:

Applying Gozai before flailing improves desiccation, skin set, and stolon detachment.

Flailing Tips:

Ensure proper flail setup.

Direct chopped haulm into potato troughs, leaving 15–20 cm of stems exposed.

Application Instructions

(Post-Flailing):

Apply: 0.8 L/ha Gozai

Minimum 1.5 L/ha methylated vegetable oil (e.g., Toil®)

Full rate Ranman Top

Maximum: 2 applications per crop.

Minimum interval between applications: 7 days.

Minimum interval between application and harvest: 14 days.

Latest application: 14 days before harvest.

Recommended water volume: 300 L/ha.

Adjust oil rate if increasing water volume, following adjuvant authorisation.

Maximum single dose: 0.8 L/ha.

Maximum total dose per crop: 1.6 L/ha.

- In trials, a pre-flail application of Gozai has been shown to enhance desiccation, skin set and | stolon detachment
- The quality of flailing and the set-up of the machine is very important, chopped haulm should be directed into the potato troughs, leaving 15–20 cm of stems exposed
- Apply 0.8 L/ha Gozai + minimum 1.5 L/ha methylated vegetable oil such as Toil® + full rate Ranman Top after flailing
- Maximum 2 applications per crop
- The minimum interval between applications should be not less than 7 days
- The minimum interval between application and harvest should be 14 days
- For optimum efficacy, we recommend applying 300 L/ha of water
- Increase rate of oil in line with adjuvant's authorisation if increasing water volume
- Latest time for application 14 days before harvest
- Maximum individual dose 0.8 L/ha
- Maximum total dose of 1.6 L/ha per crop

Get in touch

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Nichino UK, one of the original R&D-based manufacturers, specialises in the development and supply of high-quality crop protection, adjuvant, and biostimulant products. Renowned for their targeted performance, these solutions also offer exceptional flexibility and ease of use—making them ideally suited to the demands of today's environmentally conscious agriculture.

In April 2023, Interagro (UK) Ltd, a trusted innovator in adjuvant and biostimulant technologies for over 30 years, became part of the Nichino Group. As a leading manufacturer of tank-mix adjuvants with a strong global reputation, Interagro has long supported sustainable farming practices worldwide. Now, united as one company under Nichino Europe, we move forward together—combining our expertise to better serve the evolving needs of modern agriculture.