

Thermal Fogging, ULV Misting & Direct Spray with Natural Pyrethrins

TyphoonDUO®

Rapid Knockdown for Broiler Poultry Clean-Out Programs

Rapid Knockdown for Broiler Poultry Clean-Out Programs In poultry, piggery and intensive animal production systems, the period immediately following animal removal presents a critical opportunity for pest control. As litter and organic material are disturbed during clean-out, crawling and flying pests emerge from harbourage areas and migrate to exposed surfaces including walls, cracks, crevices and structural elements.

This movement provides a key intervention point where exposed pest populations can be rapidly reduced before the next production cycle begins. TyphoonDUO PRO Concentrate is specifically suited to this clean-out phase, delivering fast knockdown while helping reduce pest carry-over between cycles.

Broad Spectrum Knockdown of Intensive Farm Pests

TyphoonDUO provides rapid knockdown of a wide range of crawling and flying insects commonly encountered in intensive farming environments. In addition to litter beetles, the product is highly

effective against cockroaches, spiders and other crawling pests, along with flies, mosquitoes, moths and nuisance flying insects. This broad-spectrum activity makes it ideal for whole-of-facility clean-out treatments, addressing multiple pest pressures in a single application.

Advanced Water-Based Microemulsion Technology

TyphoonDUO is a high-strength 28 g/L natural pyrethrins pro-concentrate utilising advanced water-based microemulsion technology. The formulation forms a stable microemulsion when diluted, supporting consistent dispersion of the active ingredient throughout spray, mist and fog applications.

This modern oil-in-water formulation improves stability, droplet consistency and coverage while reducing solvent loading compared with many conventional pyrethrum concentrates. The high-strength concentrate also allows operators to carry, transport and store significantly less product volume while maintaining professional knockdown performance.



PRODUCT SPECIFICATIONS

Active constituent:	28 g / L Pyrethrins
Formulation type:	Micro emulsion concentrate
Pack size:	5 L (SUN146)
Chemical group:	Pyrethroid
Schedule:	CAUTION S5

Pest Claims: A fast acting, with natural pyrethrins, for the control of litter beetle in poultry sheds, insect pests and spiders in warehouses, factories, kitchens, industrial buildings, domestic residences, agricultural buildings, commercial and industrial areas, and in various situations as specified in the Directions for Use.

Key Features:

- Multi-use flexibility - Thermal Fogging, ULV Cold Misting or Direct Spray from one product
- High strength concentrate
- Water based micro emulsion - stable, uniform dispersion for consistent coverage and reliable performance
- Natural pyrethrins active - powered by naturally derived actives for rapid knockdown of exposed pests
- Engineered to work with Sundew ProFOG for dense fog and extended airborne contact.



**100% Family owned
Australian business**

Lower Hazard, Non-Flammable & PBO-Free Formulation

TyphoonDUO has been specifically developed for modern intensive farm environments with approximately 94% non-hazardous ingredients and reduced solvent loading compared with traditional solvent-based systems. The formulation is non-flammable and does not rely on heavy hydrocarbon solvents, supporting safer handling and practical use within animal production facilities.

Importantly, TyphoonDUO is also completely PBO-free, providing a cleaner and more simplified formulation profile aligned with modern expectations surrounding chemical inputs, hygiene and operational safety.

Flexible Application for Intensive Farm Facilities – Fogging, ULV Misting & Direct Spray

For optimal results in poultry sheds, piggeries and intensive animal production facilities, TyphoonDUO PRO Concentrate

can be applied using thermal fogging with Sundew PROFOG™ Thermal Fogging Agent, ULV cold misting with water, or direct spray applications through standard spray equipment. This unique three-way flexibility allows operators to select the most appropriate treatment method depending on pest pressure, facility design and clean-out requirements.

For thermal fogging, TyphoonDUO is mixed at a ratio of one part TyphoonDUO to two parts Sundew PROFOG, producing a dense, fine fog capable of filling the treatment area and remaining airborne for extended periods. This improves contact with flying insects and exposed crawling pests while enhancing penetration into cracks, crevices and difficult-to-reach harbourage areas.

Sundew PROFOG is specifically designed to work with water-based formulations such as TyphoonDUO, enabling consistent, high-quality fogging performance that cannot



be achieved with standard fogging agents. The result is a stable, long-lasting fog without the rapid settling associated with water-only dilution or the residue and slipperiness often seen with glycol-based systems.

For ULV cold misting and direct spray applications, TyphoonDUO is diluted with water to form a stable microemulsion allowing effective distribution throughout the treatment environment. When applied at label rates, these methods provide rapid knockdown of flying insects and effective treatment of crawling pests within cracks, crevices, harbourage areas and exposed surfaces. This multi-application capability supports improved operational flexibility and efficiency across modern intensive farming operations.

Sundew TYPHOON DUO PRO Concentrate. Committed to the Australian Intensive Farm Segment

"Sundew continues to drive innovation in pest management for the Australian intensive farming industry with the introduction of TYPHOONDUO – a unique multi-application natural pyrethrin concentrate for thermal fogging, ULV cold misting and direct spray treatments in poultry production environments. Approved in April 2026, TYPHOONDUO reinforces Sundew's long-standing commitment to delivering practical, high-performance solutions for poultry growers and pest management professionals.

Building on a history of industry firsts including BeetleBETA®, LarvaBETA®, Starrdust®PRO and Spinaflex®, TYPHOONDUO represents the next evolution in integrated pest management for high-pressure intensive farm situations."

David Priddy C.E.O. Sundew Solutions Pty Ltd

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