



# BP-100 PLUS™ Fogging Concentrate

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## Broad-Spectrum Control with Dual Modes of Action Enhanced Oil-Based Concentrate for Livestock Operations

BP-100 Plus™ Fogging Concentrate is an oil-based formulation (Groups 3A and 7C) that delivers multiple modes of action by combining botanically based pyrethrins, an insect growth regulator (IGR) and piperonyl butoxide (PBO) to control a broad spectrum of insects. Built on the proven performance of ULD® BP-100, this enhanced formula kills what you see today and stops the next generation.

### Features and Benefits

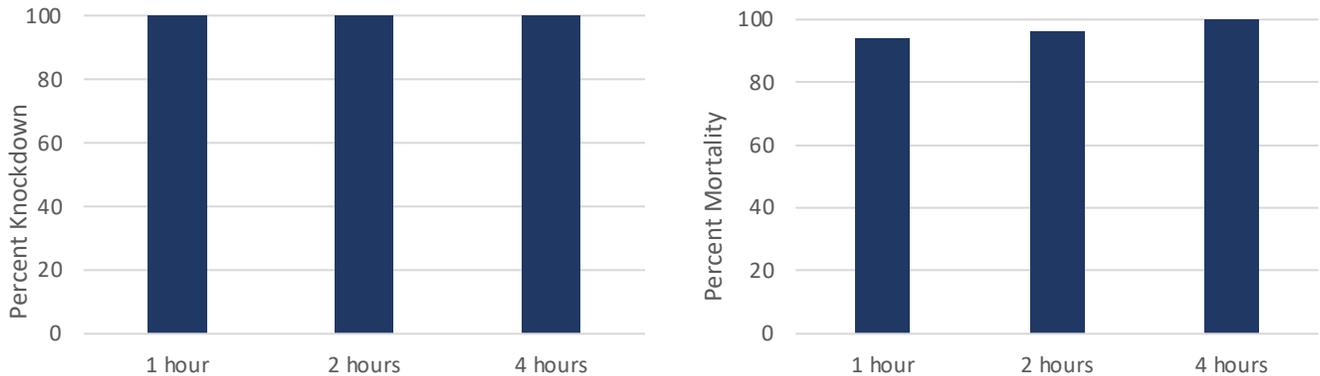
- Kills over 70 insects including flies, lice and cockroaches
- Labeled for use on and over poultry and horses
- For indoor and outdoor use in and around livestock facilities
- No withholding time periods for use before animal processing
- Authorized for use in federally inspected meat and poultry plants
- Contains NyGuard® IGR for dual modes of action to target adult and immature insects
- Synergized with piperonyl butoxide (PBO) to combat metabolic resistance and increase effectiveness

### Packaging

- 1 gallon unit (4 per case)
- 30 gallon drum



## Efficacy of ULD® BP-100 Contact Insecticide II Space Spray on House Flies (*Musca domestica*)

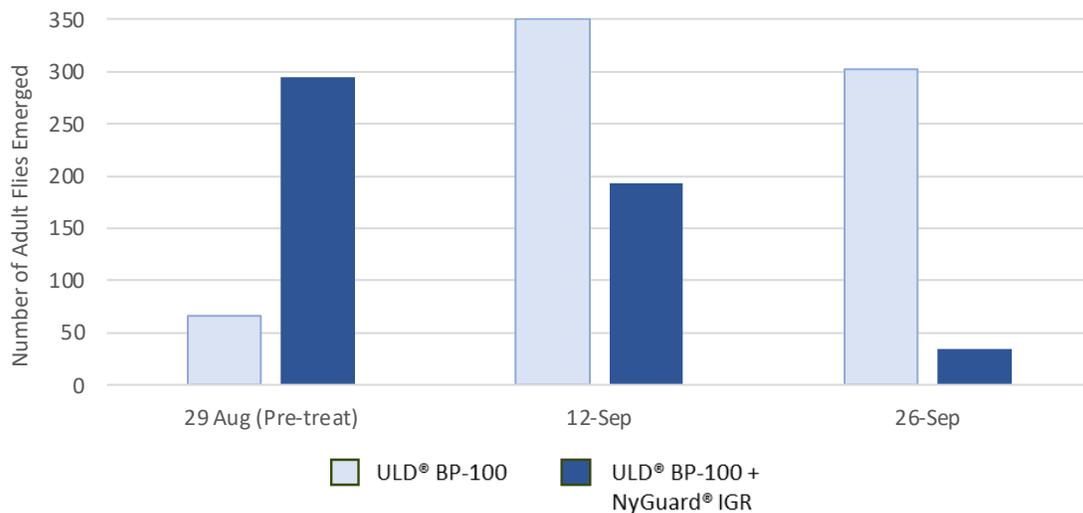


Source: Snell Scientific, 2006.

### What does this data mean for your business?

House flies are one of the most common insects in livestock and poultry environments, impacting animal health and productivity. Pyrethrins with piperonyl butoxide (PBO) knocks down flies helping you protect animal health and production.

## Effect of Insecticide Applications on Adult Fly Emergence in Poultry Houses



Three barns were treated with ULD BP-100 only and three barns were treated with ULD BP-100 + NyGuard IGR fogging over birds, with the addition of NyGuard IGR as a surface spray in the pits at a rate of 12ml/1500 ft<sup>2</sup>. Emergence traps and manure samples were used to evaluate adult fly and pupae counts.

Source: Field Trial conducted by Nipcam, 2025.

### What does this data mean for your business?

Combining adulticide fogging with NyGuard IGR significantly reduced fly emergence compared to adulticide fogging alone. BP-100 Plus delivers effective kill of adult insects while the insect growth regulator (IGR) disrupts immature stages and prevents insects from developing into adults. In breeding areas such as litter pits, combining adulticide with an IGR helps reduce fly populations before they pose a threat to flock health and productivity.