

Essentria® IC Pro and Fogging

Essentria® IC Pro is an essential oil containing broad spectrum insecticide. It can be used through conventional/thermal fogging equipment as a space application where labeled and in residential misting systems. Always thoroughly agitate Essentria® IC Pro before mixing in the examples below.



Tips from **MEL WHITSON, ENTOMOLOGIST, ZOËCON PROFESSIONAL PRODUCTS**

Essentria® IC Pro Thermal Fogging Undiluted with Additional Carrier Oil:

- Essentria® IC Pro (IC Pro) can be supplemented with a small amount of refined mineral oil such as BVA 13 using a 3:1 ratio of IC Pro to refined mineral oil.
- 3 parts IC Pro to 1 part oil will remain in suspension for fogging after mixing.
 - △ Example: When applying 12 fl oz IC Pro to a treatment area. Using the 3:1 ratio, mix 12 fl oz IC Pro with 4 fl oz of mineral oil and apply through thermal fogging equipment.
- Make sure to re-agitate mixture if left standing for extended periods.

Essentria® IC Pro Thermal Fogging With Glycerin as a Fogging Carrier:

- Glycerin will reduce the flashpoint and protect the essential oils contained while producing an acceptable fog.
- IC Pro can be applied undiluted or diluted with water using Glycerin as a carrier.
- Up to 30% Glycerin can be added to IC Pro solutions for thermal fogging.
 - Example: You have determined a need to apply 12 fl oz IC Pro to a given area. Add 3.6 fl oz (12 fl oz X 30%) glycerin. Mix and apply through thermal fogging equipment.
- Make sure to re-agitate mixture if left standing for extended periods.

Essentria® IC Pro Water Dilutions:

- When storing water diluted IC Pro for extended periods, we recommend mixing in a non-ionic surfactant. These are commonly used with herbicides, fungicides and algacides to aid in coverage during application. Plex Mate Surfactant is a readily available non-ionic surfactant and will be used as an example. Always mix according to label directions.
 - Example: To keep 25 gallons of water diluted IC Pro on hand for an extended period of time, label recommendation is 0.32 fl oz of Plex Mate Surfactant per gallon of solution. Add 8 fl oz of Plex Mate (0.32 fl oz/gal X 25 Gal= 8 fl oz Plex Mate) and mix thoroughly.
- IC Pro will stay in solution for weeks.

Curtis Dyna-Fog® Golden Eagle 2610 Fogger



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For learn more about Essentria® IC Pro, scan the QR code, visit zoecon.com or call 1-800-248-7763.





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When it comes to the science of protecting your grow, you know the value of botanically-derived, long-lasting insect control for the plant and the planet. For you, there's the Essentria® product line. Both Essentria® IC Pro and Essentria® G Granule Insecticide are green insect solutions approved for use on your grow or around your grow units.

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