



Wood Pole Fumigant Systems

For more than 80 years, Osmose has set the industry standard for effective remedial treatment products. We have provided wood pole fumigants since 1976 and currently offer a complete line to meet the needs of your wood pole asset management program.



MITC-FUME®

A methylisothiocyanate (mitc)-based product that offers easy application and a higher level of initial protection against internal decay. MITC-FUME is 97% mitc in a **solid-melt** form pre-packaged in individual dose tubes.



OsmoFume® SYSTEM

A proprietary, **solid** dazomet-based fumigant. Its compact stick-like design allows room for triple the amount of copper-based accelerant to be used when compared to granular/powder fumigants. The addition of Hollow Heart CB significantly increases mitc production while the boron and copper quickly penetrate to control decay.



DuraFume® II

A **granular** dazomet-based product that decomposes to produce smaller quantities of mitc than OsmoFume or MITC-FUME. It is applied in bulk, and should be used in conjunction with a copper accelerant such as Hollow Heart® CB.



WoodFume®

A bulk **liquid** metam sodium-based product that decomposes to produce the smallest quantities of mitc and for only a few years. It is applied from a one-gallon container.

Frequently Asked Questions

Are all poles susceptible to internal decay?

Yes. Western species (fir and cedar) are more prone to this decay due to the large percentage of heartwood which is more difficult to penetrate with original treatments. Eastern species (southern yellow pine) can also contain untreated heartwood that is susceptible to internal decay.

How do fumigants work?

Fumigants are applied to the interior of the pole through pre-drilled application holes at or near the groundline area. Once applied, the fumigants penetrate the wood and can move several feet from the point of application. Fumigants control existing decay and prevent future recolonization. Extensive research at Oregon State University demonstrates the long-term performance characteristics of each type of fumigant.

How do I select the right wood pole fumigant?

There are several factors to consider when choosing the best fumigant for your wood poles that include geographical location, climate or environmental conditions, and performance requirements. Several forms of mitc-based fumigant are available in the United States today. These include liquid metam-sodium, granular/powdered dazomet, solid stick dazomet, and a solid-melt mitc. The performance of each technology is influenced by the factors above.

Osmose Fumigants



Product Name	WoodFume®	DuraFume® II	OsmoFume®	MITC-FUME®
Name of Active	Metam sodium	Dazomet	Dazomet	Methylisothiocyanite (mitc)
Form	Liquid	Powder/Granular	Solid-dazomet stick	Solid-melt tube
Amount of Accelerant Possible	n/a	< 1 oz per hole	3 oz per hole	n/a
Controlled Dose	No	No	Yes	Yes
Cost	\$	\$\$	\$\$\$	\$\$\$
Sold/Packaged	1-gallon jug 5-gallon pail 55-gallon drum	5-quart jug	375 sticks/pail	270 tubes/carton
Application Method	Direct pour	Direct pour	Solid stick	Sealed tube

For more information on fumigants or to place an order:

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