

Fumigation Requirements

In South Dakota any **Commercial** or **Private** pesticide applicator will now hold a Non-Soil Fumigation endorsement on their licenses to legally PURCHASE or APPLY fumigants.

How to Add Non-Soil Fumigation to Your License

To initially add the endorsement to your commercial or private applicator license, make an appointment with an SDSU Extension testing location to take the (Category 14) Non-Soil Fumigation exam. You will need to pass this exam with at least a 70% in order to be eligible to add this endorsement on to your applicator license.

[Testing Locations and Contact Information](#)

What is a Fumigant?

Fumigants are a special type of pesticide with unique physical and chemical characteristics. Fumigants are gases, or turn into gases, after application. Fumigants may be odorless and usually cannot be seen. Fumigants, by their chemical nature, are volatile, meaning they readily turn into a gas. (Sometimes you will see the word vapor instead of gas, but they mean the same thing.) As a gas, fumigants are toxic when absorbed or inhaled.

If you are familiar with non-fumigant pesticides but have not used fumigants, it is very important to understand the distinctive qualities of fumigants because their unique characteristics play a large role in using them effectively and safely.

Fumigation Management Plan

If you will be using fumigants, you also need to fill out a Fumigation Management Plan PRIOR to making an application. All phosphine labels now require that the certified applicator be responsible for developing and following a Fumigation Management Plan (FMP). The FMP is intended to ensure the safety of the applicators, site employees, the surrounding community, and the environment. It is also designed to ensure a legal and effective fumigation. The FMP is a written record that provides specific logistical, performance and contact information to help “characterize” the fumigation site. The FMP is meant to be somewhat prescriptive, yet flexible enough to allow the experience and expertise of the fumigator to make changes based on circumstances that exist in the field.

[Fumigation Management Plan Sample](#)

How to Look up Registered Fumigants in South Dakota

[DANR Searchable Database](#)

[Kelly Solutions Search by Pesticide Type- Fumigants](#)