

Soil Sealing Procedure for Non-Tarp Orchard and Vineyard Fumigation

Soil sealing application requirements for efficacy and safety:

- 1. Soil should be tilled to a clod free, friable seed bed condition. This will vary depending on soil type; clay soils are more difficult than sandy loam soils.
- 2. The soil must be immediately sealed after application with the proper equipment to disrupt chisel traces and compact the top of the soil:
 - a. A disc with a roller, or
 - b. Spring chisel with a roller, or
 - c. Orchard float that uses the blade to disrupt the shank traces and a roller.

Note: Must be a heavy ring roller or heavy smooth roller with weight added.

Equipment should be one foot wider than shank traces. If equipment is not able to cover shank traces, then additional passes must be performed to ensure a total seal.

3. A tractor capable to pull the equipment is required.

Continued on back.



4.	The maximum amount of time from when the product is injected into the soil until the sealing equipment covers the pass should never exceed 30 minutes and best practice is to follow directly behind the fumigation application equipment.
	Notes: