Injection Unit Examples

Photo 1

Tow behind model. This is attached and towed behind the septage pumper vehicle. Limitations include off-road use of a septage pump vehicle. Septage pump vehicles are not designed for off road use.

Photo 2

Close up of the injector unit's blade. Note where the discharge of septage is directed through a hole in the blade.

Photo 3

The blades are lowered and raised remotely from the truck.
The flow of septage can be opened and shut from the truck as well.

Photo 4

This is an agricultural injector unit. A septage pumper truck would have difficulty pulling this unit. Please note the balloon tires on the unit. Septage is transferred from the pumper vehicle to this unit for injection.

Photo 5

This is an injector unit and tank mounted to a specially designed truck chassis. The tires are large, balloon type tires designed for soft, wet, less than ideal conditions. Balloon tires don't compact the soil like conventional truck tires. These vehicles are specifically designed for a specific task.

Photo 6

This is another example of a motorized unit specifically designed to inject either septage or biosolids from municipal wastewater treatment plants. These vehicles are not designed for day to day road use.

Photo 7

Winter injection before the ground freezes.

Photo 8

Back end of a 4 wheel drive injector vehicle.

Please note that all injection must comply with agronomic rates determined by soil testing and crop needs. The injection of septage must be done in such a manner that the furrow is closed by mechanical means, typically coulters, and that no ponding septage is observed one hour after injection.