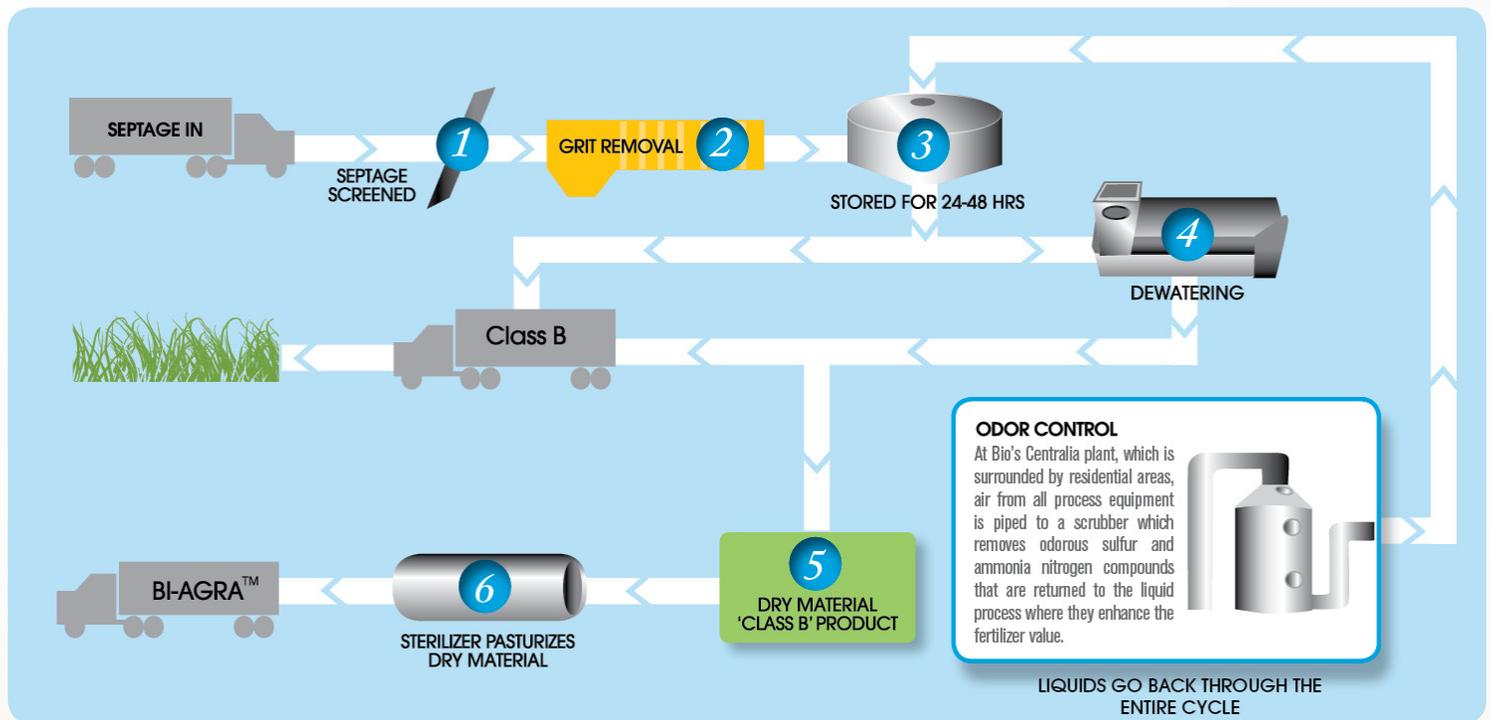


## Our process



### 1. SEPTAGE SCREENING

Removes non-biodegradable items that may be flushed down toilets or sink drains. The screenings are disposed of in a landfill.

### 2. GRIT REMOVAL

Removal of sand and gravel that accumulate in septic tanks.

### 3. LIME ADDED/STORAGE/SAMPLES

Lime is added to the septage at the screening step to reduce odors and kill pathogens. After each batch of limed septage is homogenized and held at the legally prescribed pH for a minimum of 24 hours, it is safe to be used as a Class B product on land permitted by the Washington Department of Ecology. Representative samples of the homogenized stabilized septage are collected and tested as prescribed by regulators to ensure nutrient levels are known and metals levels meet regulatory limits for exceptional quality. In addition, Bio can dewater the limed septage to improve the performance and value of its products.

### 4. DEWATERING

Dewatering enables the separation of the liquid fraction from the solids to create two new class B products, a nearly odorless liquid and drier soil like dewatered solids. The liquid, usually referred to as filtrate, reduces soil acidity and contains

all essential plant nutrients in organic forms at very dilute concentrations. The dewatered solids have a soil like appearance and can benefit all acid soils ranging from sandy to clay by adding organic matter, all essential plant nutrients in a slow release organic form and calcium to reduce soil acidity. Both products can be safely used on permitted sites.

### 5. DRY MATERIAL

The dry material comes out of the screw press and is now about 40% solids instead of 2%. It is now a Class B product.

### 6. PASTEURIZING

Bio developed and patented a pasteurization process that makes its dewatered soil like product one of the safest soil amendments available. Although limed stabilized class B septage is virtually free of all viruses, bacteria and parasites, the process can not ensure the destruction of all parasite eggs. Pasteurization ensures that even the eggs of parasites are destroyed along with virtually all weed seeds. EPA's name for Bio's new dry product is "Class A, Exceptional Quality"; Bio named its product "Bi-Agra"™.