-Trenching-

Your solution to drainage problems.

Traditional solutions to drainage problems often require significant upfront expense and labor to install. Many will fail over time as drains become clogged or broken through the natural compaction of soil. Additionally, 'turf brown out' (brown stripes in turf) can occur due to drain tiles being topped off with stone causing water to drain below turf roots. These issues can be avoided by using Pro's Choice® products, a lasting drainage solution that requires minimal upfront labor and cost. These products work to reduce compaction and do not break down over time, providing a long-term, economical solution.

Pro's Choice products have a very high liquid holding capacity due to their superior internal pore volume. When combined with our thermal optimization process that drives moisture out, Pro's Choice is left ready to absorb moisture quickly. The product's natural capillary action quickly wicks water away and holds it, gradually releasing it over time. This technology can be utilized to prevent or solve difficult drainage challenges.

When installed in one larger or a series of smaller landscape drainage trenches, Pro's Choice will quickly absorb excess water.

AVOID TRADITIONAL DRAINAGE PROBLEMS

Upfront planning, cost & labor.

Damages over time

Clogged drain pipes

How to:

Install a Drainage Trench using Pro's Choice®

Plan Your Trench:

Each 50 lb. bag is approximately 1.35 cubic feet of product. Using the example of a 25 foot long trench backfilled with 7 inches of Pro's Choice, use the following calculation to find out how much product is needed:

25 ft (L) x .33 ft (W) x .58 ft (D) = 4.785 cubic feet required

In this case you would need 3.5 bags to fill the 25 ft. trench.

Build Your Trench:

Follow these four easy steps:

Step 1: Determine the number of trenches you will need for your area and mark out placement. Every inch of depth in your trench, water will be pulled from 1 foot on either side of the trench.

Step 2: Dig or use a walk-behind trencher. The size of your trench can vary. Many of the walk-behinds will cut a trench about 4 inches wide and 8 inches deep.

Step 3: For best results, make sure that the trench has at least a 1% slope from beginning to end. A 25 foot long trench would have a pitch of at least 3 inches (25 feet x .01 = .25 feet or 3 inches).

Step 4: Backfill all but the top inch of your trench(es) with Pro's Choice conditioner. Then add 1 inch of top soil to grade.

Long-Term Benefits:

Eliminate saturated soils and continually absorb excess moisture season after season.

Recommended Products:

PC Red
PC Select
PC Professional