



“CLASS A” BIOSOLIDS INFORMATION & RECOMMENDED USES

The Ashley Valley Water Reclamation Facility Biosolids are a natural soil conditioner developed by natural drying and composting of wastewater solids. This product increases available soil moisture and creates favorable conditions for plant root development. This product is ideal for landscaping and home gardening. This product works best when incorporated into the existing soil to improve the viability and water retention capacity. Polymers used in producing biosolids allow the material to retain more water, thus irrigation requirements are reduced. They may also be broadcast over existing grass or used as a mulch. The user should be aware that some musty type odors may occur, particularly when wetted, until the material is absorbed into the soil.

TURF GRASS:

Establishment: Broadcast 1 inch of biosolids (3 cubic yards per 1000 square feet) and incorporate with top 3-4 inches of soil. For extreme clay or sandy soils, use 2 inches (6 cubic yards per 1000 square feet).

Repair Areas: Broadcast ¼ inch (¾ cubic yards per 1000 square feet) uniformly on surface BEFORE seeding small types (bluegrass) or AFTER seeding large types.

Maintenance: Uniformly broadcast ¼ inch (¾ cubic yard per 1000 square feet) in fall and early spring.

VEGETABLE AND FLOWER GARDENS:

Establishment: Broadcast ½ inch (1-2 cubic yards per 1000 square feet) rototill into surface 1-2 weeks before planting or in previous fall.

Maintenance: Broadcast ¼ inch (¾ cubic yards per 1000 square feet) rototill into surface 1-2 weeks before planting or in previous fall.

SHRUBS AND TREES:

Establishment: Broadcast 1/2 inch on surface over root area and incorporate with 4-5 inches of soil.

Maintenance: Broadcast 1/4 inch on surface over root area. Can be worked into soil or used as mulch.

POTTING MIXES:

Ornamental and garden mix 1/3 volume of Biosolids with other potting material. Hanging plants (light mix) Biosolids, Peat Moss, Vermiculite (1:1:1). Floor plants (heavy mix) Biosolids, peat Moss, Sand (1:1:1)

Before biosolids can be used for the above purpose, they must pass stringent tests prescribed by state and federal regulatory agencies. The Ashley Valley Water Reclamation Facility has developed a process, which allows us to pass all the prescribed tests to meet Class “A” requirements for final use or disposal. The District monitors the product on an ongoing basis to ensure the consumer that it is environmentally and hygienically safe for the intended uses. While the phosphorous content is high the consumer should be aware that additional fertilization may be necessary to provide sufficient nitrogen, potassium and iron. Test results are available upon request from AVWRF.

FOR MORE INFORMATION ABOUT AVWRF BIOSOLIDS
Please contact Ashley Valley Water Reclamation Facility (435) 789-9805
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