

Terra-Sorb® Fine Hydrogel

Terra-Sorb Fine Hydrogel is used as a shipping gel and transplant treatment for bareroot seedlings to keep the roots moist during handling from the time seedlings are lifted in the nursery bed to field and container planting. The product is specifically formulated to protect the roots from drying out during handling and transport. In hydromulching and hydroseeding, Terra-Sorb Fine is used to improve seed germination, and to protect the newly germinated grass roots from drying out. Drying out of the root system is a leading cause of mortality for bareroot seedlings and hydroseeded grass. Terra-Sorb Fine is used by numerous federal, state, and private forest nurseries and hundreds of ornamental nurseries and landscapers throughout the United States and abroad to protect exposed roots from desiccation.

Terra-Sorb Fine:

- Prevents bareroot tree loss due to dry and dysfunctional roots
- Improves survival and growth of tree seedlings after planting
- Improves grass establishment and drought tolerance after hydroseeding
- Does not contain sodium
- Easy to use.

DIRECTIONS FOR USE

DIPPING BARE ROOT PLANTS

Mix Terra-Sorb® Fine with water at a rate of 1 pound Terra-Sorb Fine per 20 to 25 gallons of water. Let stand until the mixture forms a slurry the consistency of gravy. Adjust gel to a thickness that permits the maximum amount of gel to adhere to the roots. Spray or dip the roots of the seedlings prior to planting.

TREE SEEDLING PACKING, SHIPPING OR PLANTING Mix Terra-Sorb Fine with water at a rate of 1 pound Terra-Sorb Fine per 20 to 25 gallons of water. Let stand until the mixture forms a slurry the consistency of gravy. Adjust gel to a thickness that permits the maximum amount of gel to adhere to the roots. Spray or dip the roots of the seedlings prior to storage, shipping, or field planting to prevent desiccation and drought stress.

HYDROMULCHING OR HYDROSEEDING Add Terra-Sorb Fine to the tank mix at a rate of 50 pounds per acre before adding fertilizer. At a normal rate of 3,000 gallons of water per acre, 50 pounds of Terra-Sorb Fine will hold an additional 1200 gallons of water in the seed area, improving establishment and drought tolerance.

COMPATIBILITY

Species: Terra-Sorb Fine can be used on all plants.

Water pH: Although pH of 7 is ideal, Terra-Sorb Fine is effective between pH of 6 and 8. Soil or water pH outside this range will significantly reduce the water-holding capacity of Terra-Sorb.

Fungicides/Fertilizers: May be applied, as usual.

Root Enhancers: May be applied, as usual.

FINE GRADE HYDROGEL FOR TREE SEEDLINGS AND HYDROSEEDING

GUARANTEED ANALYSIS OF SOIL AMENDING INGREDIENTS

ACTIVE INGREDIENTS	% by Weight
Potassium Polyacrylamide Acrylate Copolymer	93%
INERT INGREDIENTS: Water*	7%

*Water content is derived from atmospheric humidity absorbed during storage.

SIZE GRADES:

Terra-Sorb comes in three particle sizes:

- Coarse: 2 to 4 mm diameter
- Medium: 0.75 to 2 mm diameter
- Fine: 0.1 to 0.75 mm diameter

STORAGE/SHELF LIFE

This product is stable in dry storage conditions.

HEALTH AND SAFETY INFORMATION

- In case of allergic reaction(s), treat symptoms and contact physician.
- Avoid breathing dust or spray mist.
- Wash hands after handling.
- Non-toxic by ingestion.
- **Keep out of reach of children.**

PACKAGING

10-Lb bag and 55-Lb bag

TECHNICAL ASSISTANCE

For technical assistance, call 1-800-421-9051

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