



**BIG SIOUX NURSERY, INC.
16613 SIOUX CONIFER ROAD
WATERTOWN SD 57201**

Sweating Nursery Stock

Some tree species exhibit deep bud dormancy and may fail to break bud after planting or have delayed bud break. This problem can be overcome by sweating the nursery stock. Some of these trees include:

- Hackberry
- Oak
- Hawthorn
- Ash and Amur Maple if they have been stored for a length of time.
 - (Fall lifted trees.)

Sweating nursery stock should be done inside a building and out of direct sunlight.

- Put a sheet of plastic on the floor and cover the plastic with a layer of wet moisture retaining material such as sphagnum moss or shingle tow.
- Put the seedlings to be sweated on the material and cover with additional moist sphagnum moss or shingle tow.
- Repeat layers of trees and moisture holding material as needed. Cover with plastic and **maintain temperatures of 50 to 70 degrees F**. In this warm, moist environment bud swell should begin in 5 to 10 days.
- Stock can be planted outside when similar temperatures exist at the planting site.
*****Do not** sweat stock to bud break and then plant in conditions of sub-freezing temperatures or extremely dry soil conditions.

Proper humidity, soil moisture and temperature must be present at the planting site for the sweating process to be successful.