

of growing mix. This is then covered with a thick layer of wheat-straw. It is also important to mulch the sides of the growing container.

Spring and Summer Chores

In May remove the straw mulch and treat with beneficial nematodes even though it is doubtful that these will be a problem in our grow mix. The only possible contamination would be a topsoil from an unknown location that has not been heat processed. Even before emergence spray soil with a mixture that is called rocket fuel (formula found in insert). Once emergence has subsided place a chopped hardwood leaf mulch on the beds. This is made up of a blend of dried hardwood leaves collected and stored in an area to prevent excessive molding. Do not use with a blend of predominance of oak leaves as this will adversely affect your soils ph. Straying will continue on a weekly basis with the rocket fuel through out the season.

It is necessary to develop a prophylactic spray schedule of antifungal agents through the growing season. Please refer to flyer #1 for information on applicable agents. There may be an increase of disease during damp seasons. One way to reduce the affects of the season is to place over your growing areas a tarp during rainy days. This will help you control the moisture levels within the growing containers with a very simple procedure.

Three year plans may have been eliminated in the former Soviet Union yet they are a necessity for your program. Your plan takes into consideration the purchase of seed and 1 -3 year old seedling for three consecutive years allowing for the development of seed production that will supply your seed beds. Even though you will be producing seed in your second growing season this must be stratified before it will germinate in the seed production areas. Continued purchase of stratified seed for these three years will assure a sufficient quantity until your forest plantations and seed producing area can be replace and fill your needs. Your purchase of 1 -3 year old seedling allows for continuing harvest every year within three tree years after the start of your program. In regards to planting 3 year old stock, there have been concerns as to whether they will acquire the characteristics of wood grown roots within three years. not only will they develop the necks and root characteristics of woods grown roots they will produce sizable seed crops in the seasons directly following their plantings.

To calculate your exact needs refer to the growers manual for specifics regarding seed production and forest plantation densities.

Seedling harvest is easily accomplished in September to accommodate seedling needs. To replicate mother nature we remove the shade cloth which forces the plants into the golden stage and die back. Once this has occurred we simply sift the soil to remove the seedlings. They are rinsed and refrigerated until planting. The soil in the growing containers is discarded or used for other purposed and the containers disinfected before we prepare for the next cycle. This system will consistently produce a high quality seedling for each forest plantation.

SUPPLIERS

Gardens Alive
5100 Schneley Place
Lawrenceburg, IN 470235
Tel: 812-537-8650

Bordeaux, Organic Sulfur and Copper sprays, Nematodes, Crab and Kelp blends etc. Growth hormone blends.

Neptune Harvest
88 Commercial St.
Glouster, MA 01930
Tel: 1-800-281-1414

Organic liquid fish and Sea-weed plant food.

Atlantic Laboratories
41 Cross St.
Waldoboro, ME 04572

Nitozyme plant growth regulator.

Umbagog Trading Co., Inc.
27 Grainite St.
Mexico, ME 04257
Tel: 207-364-8632

Ginseng seedlings, seeds, goldenseal, shade cloth, consultations, etc.

Worm's Way
7850 North Highway 37
Bloomington, In 47404
Tel: 1-800-274-9676

Wide range of supplies including a beneficial bacteria that may control soil borne fungi in seedling beds. Diseases of cultivated ginseng.

Agricultural Bulletin Building
30 North Murray St.
Madison, WI 53706
Tel: 608-262-3346

Excellent brochure on diseases of ginseng.

Johnny's Selected Seeds
Foss Hill Road
Albion, ME 04910

Ginseng seeds, seedlings, etc.

Willard's Water
St. Clair Industries, Inc.
PO Box 11811
Fort Lauderdale, FL 33339

Also found in health food stores.

Hay's Farm Supply
Minot Avenue
Auburn, ME 04210

Sunrise Sea Food Compost
East Batson Rd., Rte. 1
Addison, ME 04606

Excellent soil additive.