

Dear Prospective Bidder,

A severe disease of pines and balsam firs, Annosum Root Rot, is making its way north in our state (currently as far north as Taylor Co.). Annosum has the potential to kill several pines or balsam firs per acre each year, and once it is in a stand, it will continue to infect a portion of regenerating pines or balsam firs for years. Although there is no cure for a stand once the disease is present, there is an effective way to prevent this disease—applying a specific fungicide to freshly cut stumps. Loggers can apply this fungicide through cutting heads on mechanized equipment. Landowners can apply the fungicide by shaking or spraying it on stumps.

DNR's current guideline is to apply fungicide to freshly cut stumps in counties known to have Annosum, as well as in adjacent counties. No one can foresee when the disease will reach northern Wisconsin, but there is no doubt some day foresters will require fungicide application to pine and fir plantations if they want to protect the stand from this disease. In many of northern Wisconsin's large pine stands, the only practical way to protect pines from this disease is to have loggers spray stumps with spray equipment on their mechanized fellers.

Please consider preparing your business for this probable future requirement. Your help is needed in protecting northern Wisconsin's pines and firs. Find more information on Annosum at <http://dnr.wi.gov/forestry/Fh/annosum/> or call me, Brian Schwingle (DNR's North Central Wisconsin Forest Health Specialist) if you have any questions about the disease: 715-365-8908.

Manufactures and Local Dealers of Mechanized Harvesting Spray Equipment (March 2011)  
(all the following offer factory installed new or retro-fit for older equipment)

- John Deere (Nortrax, Monico, WI)
- Ponsse (Ponsee, Rhinelander, WI)
- CAT/FABCO (Cat/Fabco, Escanaba, MI)
- Valmet/Komatsu (Roland Machinery, Escanaba, MI)
- Timber Pro/ Rottne (Pioneer Equipment, Rhinelander, WI)

Registered Fungicides to Prevent Annosum Root Rot in Wisconsin (March 2011)

- Cellu-treat (liquid)  
Manufacturer: Nisus Corporation (800-264-0870)  
Local Distributor: 715-335-4900 (Crop Production Services, Plainfield, WI)
- Sporax (powder)  
Manufacturer: Wilbur-Ellis Company (800-426-3491)  
Local Distributors: 715-366-2500 (Almond, WI)  
608-339-9661 (Grand Marsh, WI)

Efficiency of Fungicides (determined by 2008 DNR Study on Manual Application)

- 1 lb of Cellu-treat covered 233 stumps (avg. stump diameter was about 14.5 inches)
- 1 lb of Sporax covered 35 stumps (avg. stump diameter was about 14.5 inches)

If you get hired to commercially apply fungicide to pine or balsam fir stumps, you need to be licensed and certified by the Wisconsin Department of Agriculture, Trade and Consumer Protection (DATCP).

There are several steps to take:

- Purchase the forestry commercial pesticide applicator training manual. Obtain the book at <http://ipcm.wisc.edu/PAT>.
- (optional) Register to take a training to pass the test at <http://ipcm.wisc.edu/PAT>. Check with FISTA as well.
- For each of your workers who will be applying the fungicide, schedule a time to take the test by calling 608-224-4548. Test taking centers are in Madison, Eau Claire, Green Bay, Waukesha, Spooner, and Wausau. The test is not easy and you will need to study the training manual.
- Apply for and maintain a business location and an individual license – you will need to renew this annually
- Recertify your workers when certification runs out (every 5 years)