



**PENNSYLVANIA SUSTAINABLE FORESTRY INITIATIVE®  
IMPLEMENTATION COMMITTEE**

211 Barrington Lane, Bellefonte, PA 16823

The Sustainable Forestry Initiative® is a service of SFI, Inc.

**TREATMENT UNIT SUSTAINABILITY ASSESSMENT FORM (TUSAF)**

Harvests may include multiple treatment units. For example, the harvest might include a 10-acre unit to release regeneration and a 40-acre stand improvement unit. A separate Treatment Unit Sustainability Assessment Forms (TUSAF) should be completed for each treatment unit. Attach all TUSAF forms to the single Timber Harvesting Assessment form for the area.

**This Form is for Unit # \_\_\_\_\_ of \_\_\_\_\_**  
**County of Harvest** \_\_\_\_\_  
**Township of Harvest** \_\_\_\_\_  
**Total Harvest Acres** \_\_\_\_\_  
**Treatment Unit Acres** \_\_\_\_\_  
**% of Unit Harvested** \_\_\_\_\_  
**Dates of Harvest** \_\_\_\_\_  
**Assessment Date** \_\_\_\_\_  
**Product Destination** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Harvesting Company** \_\_\_\_\_  
**TUSAF Assessor(s)** \_\_\_\_\_  
**Landowner** \_\_\_\_\_  
 Person to contact for follow-up information or to schedule a site visit:  
**Name:** \_\_\_\_\_  
**Address:** \_\_\_\_\_  
**City, State, Zip:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_  
**E-mail:** \_\_\_\_\_  
**Signature:** \_\_\_\_\_ **Date** \_\_\_\_\_

**1. Who developed the harvest recommendation and prescription?**

Landowner or Landowners family       Landowner's Forester       Buyer's Forester  
 Timber Harvester / Logger       Timber Buyer       Other \_\_\_\_\_

**2. What ownership category best describes the current owner?**

Private forest landowner owning \_\_\_\_\_ acres in PA.  
 Industrial forest landowner  
 Forest investment owner/manager  
 Municipal  
 State  
 Federal

**3. Is this harvest associated with conversion to non-forest use?**

Yes       No      If yes, what? \_\_\_\_\_

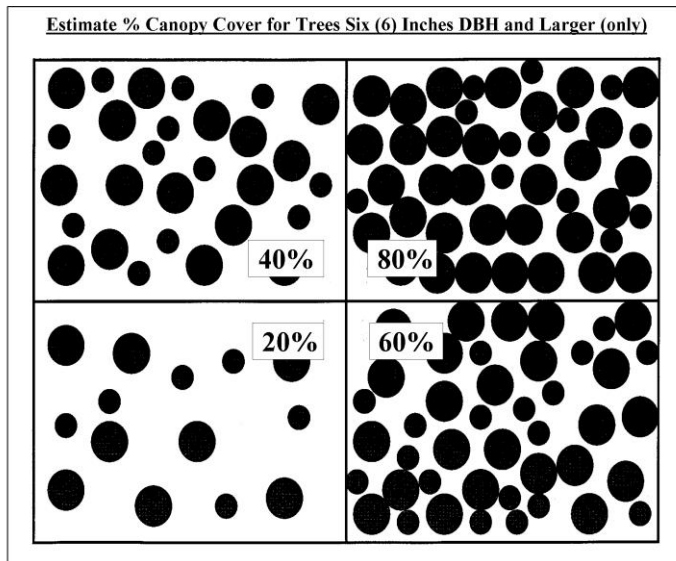
*Please refer to the diagram below when answering questions 4 and 5 for trees 6 inches DBH and larger.*

**4. Estimate the percent summer canopy closure that best describes the unit prior to harvest?**

Greater than 75%       51 to 75%  
 26 to 50%       Less than 25%

**5. Estimate the percent summer canopy closure that best describes the unit after harvest?**

Greater than 75%       51 to 75%  
 26 to 50%       Less than 25%



**6. How did the harvest affect the average tree diameter?**

- The average diameter increased (many to most of the trees cut were smaller than the average tree diameter before harvest)
- The average diameter remained the same
- The average diameter decreased (many to most of the trees cut were larger than the average tree size before harvest)
- N/A (overstory removed)

**7. Did the harvest result in a change of timber quality in the residual stand?**

- Timber quality improved (most of the trees cut were of below-average quality)
- Timber quality remained the same
- Timber quality decreased (a majority of the high-quality stems were removed or damaged during the harvest and lesser quality stems predominate in the remaining stand)
- N/A (overstory removal)

**8. How has the harvest affected the species composition of the overstory?**

- The percent of medium to low value species decreased
- The percent of medium to high value species decreased
- The percent species composition remained relatively unchanged.
- N/A (overstory removal)

**Answer questions 9 - 14 if the residual overstory canopy closure after harvest will be less than 50% (see question 5).**

**9. Estimate the percent of the area stocked with advanced desirable seedlings (rooted in mineral soil) and vigorous saplings.**

- Less than 10%     10 to 30%     31 to 50%     51 to 70%     Greater than 70%

**10. Estimate the percent of the area covered with interfering plants including ferns, grasses/sedges, and/or woody non-commercial species (such as beech, black locust, fire cherry, striped maple, rhododendron, mountain laurel).**

- Less than 10%     10 to 30%     31 to 50%     51 to 70%     Greater than 70%

**11. Are the seedlings/saplings in question 9 overtopped by the interfering vegetation?**

- On less than 10% of the area     On 10 to 30%     On 31 to 50%     51 to 70%     On greater than 70%

**12. Is an interfering plant treatment that conserves seedlings planned in association with this harvest?**

- Yes (Describe treatment and schedule) \_\_\_\_\_  No

**13. What is the expected deer impact on regeneration in this treatment unit?**

- High     Medium     Low

**14. Is there a plan to mitigate deer impact?**  Yes     No    If yes, mark all that apply:

- Fence     Fertilization     DMAP (Additional Hunting)     Other \_\_\_\_\_

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Pennsylvania Sustainable Forestry Initiative®  
Implementation Committee

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