



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 _____

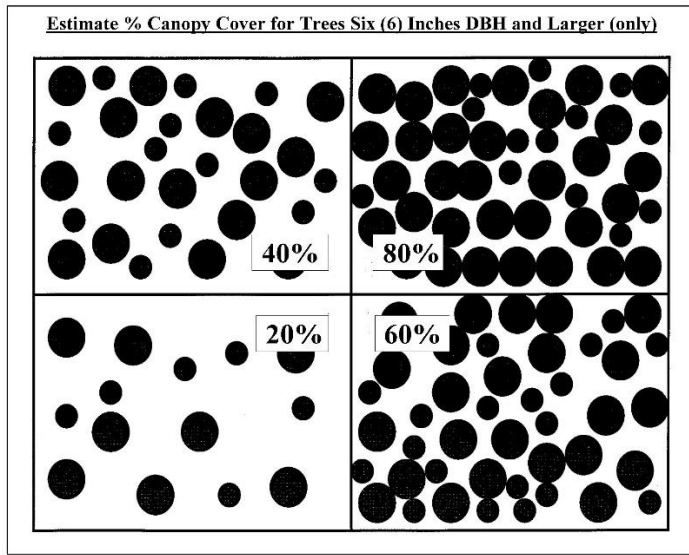
1. Who developed the harvest recommendation and prescription?
 Landowner or Landowners family Landowner's Forester Buyer's Forester
 Timber Harvester / Logger Timber Buyer Other _____

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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