



PENNSYLVANIA SFI® IMPLEMENTATION COMMITTEE INC.

Treatment Unit Sustainability Assessment Form (TUSAF)

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

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? _____

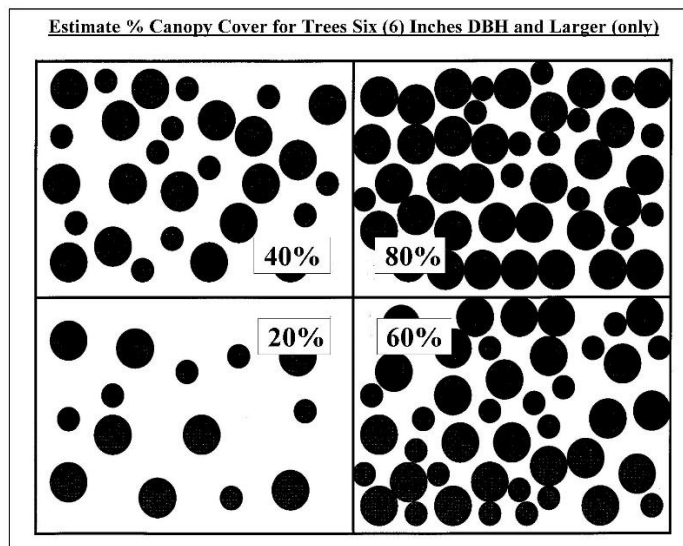
Please refer to the diagram below when answering questions 4 and 5 for trees 6 inches DBH and larger.

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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