

NATURAL RESOURCES CONSERVATION SERVICE
MONTANA CONSERVATION PRACTICE JOB SHEET

FOREST STAND IMPROVEMENT – HARVESTING (ACRE)

CODE 666A

LANDOWNER	FIELD / MANAGEMENT UNIT	DATE
LEGAL DESCRIPTION	CONTRACT ITEM NUMBER	AREA (ACRES)
		JOB CLASS

DEFINITION AND PURPOSE: Systematically removing some or all of the merchantable trees from a forest stand to improve the conditions for forest growth and/or to encourage regeneration and normal development of a new stand.

STAND DESCRIPTION

	<u>BEFORE HARVESTING</u>	<u>AFTER HARVESTING</u>
Age Class (YRS)	_____	_____
Composition (%)	_____	_____
Size (DBH)	_____	_____
Condition (G F P)	_____	_____
Other: _____	_____	_____

SOILS

Soil(s): _____

Limitations Ratings:

Harvest Equipment Operability: _____

Soil Rutting Hazard: _____

Road Suitability (Natural Surface): _____

Log Landing Suitability: _____

Construction Limitations for Haul Roads/Log Landings: _____

Potential Erosion Hazard (Road/Trail): _____

Potential Erosion Hazard (Off-Road/Off-Trail): _____

HARVEST METHOD (CHECK ALL THAT APPLY)

- | | | |
|--|--|--|
| EVEN-AGED MANAGEMENT HARVEST SYSTEMS: | | UNEVEN-AGED MANAGEMENT HARVEST SYSTEMS: |
| <input type="checkbox"/> Clearcut | <input type="checkbox"/> Thinning | <input type="checkbox"/> Group Selection |
| <input type="checkbox"/> Shelterwood | <input type="checkbox"/> Coppice | <input type="checkbox"/> Coppice Selection |
| <input type="checkbox"/> Seed-Tree | <input type="checkbox"/> Overstory Removal | <input type="checkbox"/> Single-Tree Selection |
| | | <input type="checkbox"/> Sanitation Cutting |
| | | <input type="checkbox"/> Thinning |

Wood Products: _____

MT666A-JS2

Trees to Leave/Cut, Spacing, Equipment, Season, etc: _____

SITE PREPARATION

Desired Species to Regenerate: _____

Site Preparation: _____ AS PART OF HARVEST _____ SEPARATE OPERATION

_____ See FOTG, Section IV, practice standard, Tree/Shrub Site Preparation (Code 490)

_____ See FOTG, Section IV, practice standard, Tree/Shrub Establishment (Code 612)

SLASH DISPOSAL

Describe Method, Timing: _____

_____ See FOTG, Section IV, practice standard, Woody Residue Treatment (Code 384)

ADDITIONAL NOTES

ATTACHED SPECIFICATIONS (CHECK ALL THAT APPLY)

- | | | |
|---|------------------------------|-----------------------------|
| Woody Residue Treatment (Code 384) | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| Forest Trails and Landings (Code 655) | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| Pre-Commercial Thinning (Code 666B) | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| Prescribed Burning (Code 338) | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| Tree/Shrub Pruning (Code 660) | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| Tree/Shrub Site Preparation (Code 490) | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| _____ | <input type="checkbox"/> YES | <input type="checkbox"/> NO |

OPERATION AND MAINTENANCE

- Periodic inspections during treatment activities are necessary to ensure that objectives are achieved and resource damage is minimized. A stocking survey should be performed following thinning to make sure that desired stocking rates are achieved. Acceptable stocking rates are plus or minus 25 percent of the desired rate.
- Maintain marking of sensitive areas and monitor equipment exclusion throughout harvesting operations. Follow-up and ongoing management activities will be needed to obtain desired results.

- Monitor stands for insect/disease outbreaks and for new weed infestations. Monitor natural regeneration, planted seedling survival and effectiveness of site scarification.

APPROVALS:

_____	_____	_____
NRCS Conservationist	JOB APPROVAL AUTHORITY	Date
_____	_____	_____
Producer		Date

Installation Certification:

Conservation Management Unit: _____ Soil(s): _____

Site Limitations: _____

Practice Design Size: _____ ACRES Practice Applied Size: _____ ACRES Adequate: _____

Designed Installation Date: _____ Practice Installed Date: _____ Adequate: _____

Stand Description—After Harvesting: Composition (%) _____ Adequate: _____

Average Size (DBH) _____ INCHES Adequate: _____

Condition Class (G F P) _____ Adequate: _____

Harvest Method: Even-Aged System _____ Adequate: _____

Uneven-Aged System _____ Adequate: _____

Material Cut/Remaining _____ Adequate: _____

Desired Spacing _____ FEET Adequate: _____

Equipment Type _____ Adequate: _____

Slash Disposal: Method _____ Adequate: _____

Timing _____ Adequate: _____

CERTIFICATION STATEMENT:

I hereby certify that this practice has been installed in accordance with NRCS standards and specifications.

_____	_____	_____
NRCS Conservationist	JOB APPROVAL AUTHORITY	Date
_____	_____	_____
		Date