



FOREST STAND IMPROVEMENT WORKSHEET

General Requirements for Timber Production Purpose: (Cons. Opers. EQIP)

- a.) Segregate forestland into stands by predominant size, age, and/or density of trees in the forest(s) to be treated.
- b.) Thin and weed hardwoods and conifers in accordance with Tables 1 and 2 of Michigan NRCS Standard #666 (Forest Stand Improvement).
- c.) Average stand density in hardwoods after cutting must be >70 sq.ft./ac.b.a.
- d.) Pine thinning should commence according to MI Std. #666 Table 2, only when product becomes marketable (usually a minimum of 6 in. dbh)

General Requirements for Wildlife Habitat Improvement Purpose: (WHIP - size class, species, and cover diversity)

- a.) Size-class diversity must treat 50% or more of forestland.
- b.) Each size-class component (seedlings, saplings, poles, sm. sawlogs, lg. sawlogs) after treatment must represent 10% or more of total stand.
- c.) Segregate forestland into stands by predominant size, age, and/or density of trees in the forest(s) to be treated.
- d.) Choose other means than thinning or weeding (tree/shrub establishment, forest site preparation) to create size classes if the existing average stand density is < 70 sq.ft./ac. of basal area/ac.
- e.) Identify need for other forestland conservation practices:

Tree/Shrub Planting (*stand, amt.*) _____ **Firebreak** (*stand, amt.*) _____
Forest Site Preparation (*stand, amt.*) _____ **Early Succes. Hab. Devel.** (*stand, amt.*) _____
Forest Harvest Trails/Landings (*stand, amt.*) _____ **Upland Wildlife Hab. Devel** (*stand, amt.*) _____
Other Conservation/Management practices needed: (*stand, amt.*) _____

Existing Stand: Species, Class, Density and Diversity Tally Sheet*

Stand # ___ Acs. ___ Landowner _____ Recorded by _____ Date _____

Plot #	Predominant Species and approx. % in stand (m=maple,etc)	Seedlings (<1"dbh) (tally)	Saplings (1"-5"dbh) (tally)	Poles (>5"-11"dbh) (tally)	Sm. Sawlogs (>11"-16"dbh) (tally)	Lg Sawlogs (>16"dbh) (tally)	10 factor Basal Area (sq.ft./ac.)	Den Trees (tally)	Vines (tally)	Logs on Ground (tally)	Standing Snags (tally)
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
**Total											

*Minimum of 1 plot/ac. (37.2 ft.radius) of applicable data required for each acre of forest stand improvement treated

** Calculate average stand quantities for each column by dividing sum of each column by number of plots in stand.

Note: Location of stand(s) in Section of Township will be delineated on forest management/conservation plan map or air photo.