



COST SHARE PLANNER FOR LANDOWNERS

NOTE: Geared towards forests and woodlands, represents a small fraction of cost share practices.

STEP #1 Determine Your Goals (check all that apply):

- ☐ Goal #1: Improve Game Species (deer, turkey, quail, etc.)
- ☐ Goal #2: Improve Non-Game Species (songbirds, butterflies, reptiles, etc.)
- ☐ Goal #3: Improving or establishing native plants including hardwoods
- ☐ Goal #4: General recreation activities (camping, hiking, etc.)
- ☐ Goal #5 Income from your forest
- ☐ Goal #6: Improve your forest for a future tree harvest
- ☐ Goal #7: Forest trails and roads

STEP #2 Identify Cost Share Practices that Complement your Goals.

- T.S.I. stands for Timber Stand Improvement. *(Remove low value timber leaving room for quality trees to grow and be healthy.)*
 - Compliments goals, 1, 2, 3, 6
- Shelterwood Tree Harvest *(harvest all but a few trees per acre, creates room for a new healthy forest to grow and provides food and cover for wildlife.)*
 - Compliments goals, 1, 2, 3, 4, 5 and 7
- Temporary Forest Opening *(harvest all trees within an area, best way to regenerate oak trees.)*
 - Compliments goals, 1, 2, 3, 4, 5, 6, and 7
- Prescribed Burns *(used to help invigorate native seed germination)*
 - Compliments goals, 1, 2, 3 and 6

Step #3 Meet with your MDC Private Lands Conservationist or MDC Forester.

For Warren County:

Private Lands Conservationist:

Lia Hepperman
NRCS – Union
1004 Vondera Ave.
Union, MO 63084
636-583-2303 ext. 115
Lia.heppermann@mdc.mo.gov

Resource Forester

Jeff Bakameyer
Warrenton Office
PO Box 157
Warrenton, MO 63383
636-456-3368
jeff.bakameyer@mdc.mo.gov

For Montgomery and Callaway Counties:

Private Lands Conservationist

Jamie Barton
USDA – Montgomery City
1013 S. Sturgeon
Montgomery City, MO 63361
573-564-3715 ext. 110
Jamie.barton@mdc.mo.gov

Resource Forester

Angela George
USDA - Fulton
4549 State Rd. H
Fulton, MO 65251
573-592-1400 ext. 7
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STEP #4 Hire a Cooperative Landowner Recommended Forestry Contractor or Do the Work yourself.

- By hiring a Forestry Contractor you will have a professional working on your property.
 - The work will get completed according to MDC guidelines.
 - The work will get done in a safe and timely manner.
 - The cost to you will be the difference (if any) between the cost share dollars received and the amount charged by the contractor.
- Doing the work yourself you will feel a sense of achievement.
 - You will need to become informed of the practice standards and deadline
 - You will need the proper equipment
 - You will need to use your time wisely
 - You will need to think about your safety and the safety of others
 - You will receive a cost share payment for your work

Cooperative Landowner Recommended Forestry Contractors:

- KEE Forestry: Lance Karr 573-489-6758
- Quality Forest Management: Clinton Owenby 573-289-0241
- Stevens Sustainable Forestry: Josh Stevens 573-220-7998
- Tom Westhoff: 573-289-0242

FAQ

What is TSI?

- Timber Stand Improvement (TSI) which is also known as Forest Stand Improvement (FSI) or timber thinning.— A thinning made in immature stands to improve the composition, structure, condition, health and growth of the remaining trees and improve wildlife habitat.

How do I remove the cull trees?

- Cut and dropped: Species such as Sugar Maple should have the stump treated with chemical immediately after being cut.
- Girdled: one or two one (1") inch deep cuts with a chainsaw around the circumference of the tree's trunk. Species such as Elm should have the cut treated with chemical immediately afterwards.
- Hack and squirt: (one hack and squirt for every 3" of tree diameter at breast height) this method uses a hatchet for the hack and a squirt bottle filled with chemical for the squirt.

What are the benefits?

- Remaining trees have room to grow.
- Remaining trees are healthier.
- A few "snag" trees are left as wildlife dens.
- Heavy and extra heavy TSI will create great habitat for deer, turkey, rabbit, grouse and quail.
- Lots of firewood!

What are the Cost-Share Rates? All state cost share rates are reviewed and set annually on the fiscal year basis which starts July 1.

- Several funding sources are available to you through your MDC forester or MDC private lands conservationist (PLC). They will help you decide, based on your goals, which funding source to use and which level of TSI best suits your property. Example of 2014 Rates.
 - o Light TSI.....\$70 per acre.
 - o Medium TSI.....\$90 - \$95 per acre.
 - o Heavy TSI.....\$110 per acre.
 - o Extra Heavy TSI.....\$125 - \$130 per acre.

How much do I pay?

- You may do the work yourself, in which case, the payment is yours. Or you may hire a forestry contractor, in which case, you should negotiate the best deal you can and understand that what the cost share does not cover the difference is yours to pay.
- Once the work has been inspected, payment should arrive within 2-6 weeks.

- MDC services are free.

So what's the "catch"?

- The only stipulation is that you cannot convert the area to another use e.g. remove all trees and build a barn. Usually this requirement remains in effect for 10-15 years.
- You are subject to an inspection by your forester or PLC prior to receiving a payment.
- Not a "catch", but should you hire contractor, make sure they have insurance.

What other forestry or wildlife habitat practices should I consider?

- Temporary Forest Openings:
 - o Usually 1-5 acres in size.
 - o Removes all trees, in large openings a few trees may remain.
 - o Chemical application is desired on non-desirable tree species.
 - o Creates early successional forest habitat, great for wildlife including ruffed grouse.
 - o Cost share rate: \$175 - \$250 per acre, depending on funding source.
- Prescribed Burns:
 - o Helps control Red Cedar and other aggressive species.
 - o Invigorates native grasses and wildflowers.
 - o Cost share rates: Woodland Burns – Pays \$60 per acre for the first 5 acres and \$25 per acre for each additional acre. Grassland Burns – Pays \$35.50 per acre for the first 5 acres and \$15 per acre for each additional acre.
- Timber Harvest:
 - o This creates early successional forest habitat, great for grouse and songbirds.
 - o Please contact your MDC forester or a professional consulting forester prior to any harvest.

Note: these practices are subject to many of the same requirements as TSI, please consult your forester or PLC for any questions or additional information.

Best of luck!

Leadership committee:

Landowners:

John Heckmann
Bill Haag
Adam Uthlaut
Jim Boedges
Mike Pottebaum

Quail & Upland Wildlife Federation:

Nick Prough
Tom Westhoff

Missouri Dept. of Conservation

Jason Isabelle
Jamie Barton
Jeff Bakameyer

