

TIP OF THE WEEK

TREE TRANSPIRATION WATER COLLECTION



TERTIARY
PREPPER™



THE PROBLEM

It is hot out and you are low on water. You are in the woods and not near an immediate water source.



THE SOLUTION

Place a clear oven bag over a leafy branch and seal it. Sunlight causes the leaves to transpire, collecting water inside the bag.

MATERIALS NEEDED

A leafy branch.
An oven bag.
A zip tie, or tape.
Sunlight.



QUICK STEPS

- 1 Seal the bag(s) over leafy branch.
- 2 Leave in direct sunlight.
- 3 Collect condensed water.
- 4 **NOTE:** The oven bag can be used to boil water over an open flame as well.



THINGS TO REMEMBER

- ✓ Usually healthy green leaves.
- ✓ Best in full sun.
- ✓ Collect several bags at once.



COMMON MISTAKES

- ✗ Dead or dry leaves.
- ✗ Poor bag seal.
- ✗ Expecting large volumes.



FIELD NOTES

- ✓ Produces small amounts.
- ✓ Works while you do other tasks.
- ✓ Supplement - not primary source.



TERTIARY TAKEAWAY

Transpiration is slow and one bag won't save you. Several bags may buy you some time when thirsty.

