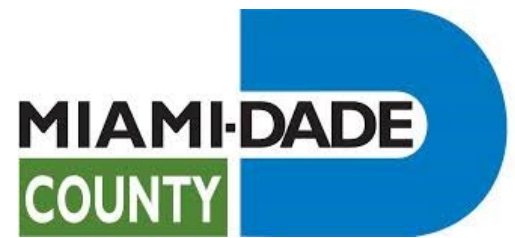




*Tropical Research and Education Center
18905 SW 280 St.
Homestead, FL 33031
Tel: 305-246-7001
Website: <http://trec.ifas.ufl.edu>*



*Miami-Dade County Extension
18710 SW 288 St.
Homestead, FL 33030
Tel: 305-248-3311
Website: <http://miami-dade.ifas.ufl.edu/>*

Whitewash is used to protect the trunk and major limbs of trees from sunburn (i.e., overheating and potentially killing the living tissue under the bark). The whitewash may be applied prior to stumping or hatracking trees and cover the entire trunk and major limbs that will remain after severe pruning.

There are several white-wash formulas, two are described below.

1. Water-based latex white paint, mix with water at 30:70, 40:60, or 50:50 (paint:water), e.g., 1 gallon paint:1 gallon water. Use a consistency that can be sprayed onto the major limbs and trunk.
2. Own-made mixture:
 - a. Mix: hydrated lime [calcium hydroxide, slaked lime, $\text{Ca}(\text{OH})_2$], and zinc sulfate (ZnSO_4), 2 lbs in 50 gallons of water. Dilute if necessary. Spray or paint on tree surfaces.
 - b. 25 lbs calcium hydroxide
 - c. 2 lbs zinc sulfate
 - d. 50 gallons water

Caution: hydrated lime is caustic, do not breath lime-dust, where gloves, long pants, shoes, socks (read MSD now called SDS).

Note: For organic growers there are NOP and/or OMRI approved hydrated lime and zinc sulfate materials available.

(OD/ext/handouts/whitewash formulas 5-21-2021 update.doc)