



# Beneficial Projects for Monarchs on the Mark Twain National Forest 2013 Accomplishments

In 2013, The Mark Twain National Forest completed several projects that directly or indirectly benefited breeding and feeding habitat for Monarch Butterflies including viable populations of milkweed species. Prescribed fire was used to maintain natural communities such as glades, savannas and open woodlands that are vital in providing habitat for a variety of pollinator species. Healthy and viable monarch population have been documented in all of the following projects areas and/or valuable nectar sources.

The MTNF completed over 15,777 acres for prescribed fire and thinning in oak woodlands, savannas and glades and 6,528 acres of thinning and burning in pine woodlands. These areas of glades and open woodland habitats with high diversity of flora beneficial to all pollinators, especially to Monarchs.



Figure 1. Chute Ridge prescribed fire results .



Figure 2. *Project Inspire native garden planting at Lane Springs.*

#### 2013 Highlights:

- Lee Hollow Glade Restoration (6 acres of cedar removal).
- Chute Ridge Glade/Woodland Prescribed Fire (218 acres)
- GLADE (Green Leadership Academy for Diverse Ecosystems) Dabbs Creek Glade cedar removal (10 acres)
- Medley Hollow Glade cedar removal (27 acres)
- Salem Openlands Enhancement Project (426 acres of brush hogging)
- Rock Creek Prescribed Burn (912 acres)
- Project Inspire outdoor education event

Year Project Initiated: 2013

Project completion: 2013

Report number: 1 of 1

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