Additional Field Examples to Accompany "Matching Appropriate Seed to Conservation Practices"

Remnant wet prairie in SC NRCS Wetland Reserve Program
(WRP is an Agricultural Conservation Easement Program, ACEP)

Photo: Sudie Daves Thomas

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The Xerces Society for Invertebrate Conservation

Additional Slides

- *Slides 3 to 9:* **More examples of when other management (rather than seeding) is best for plant community restoration**

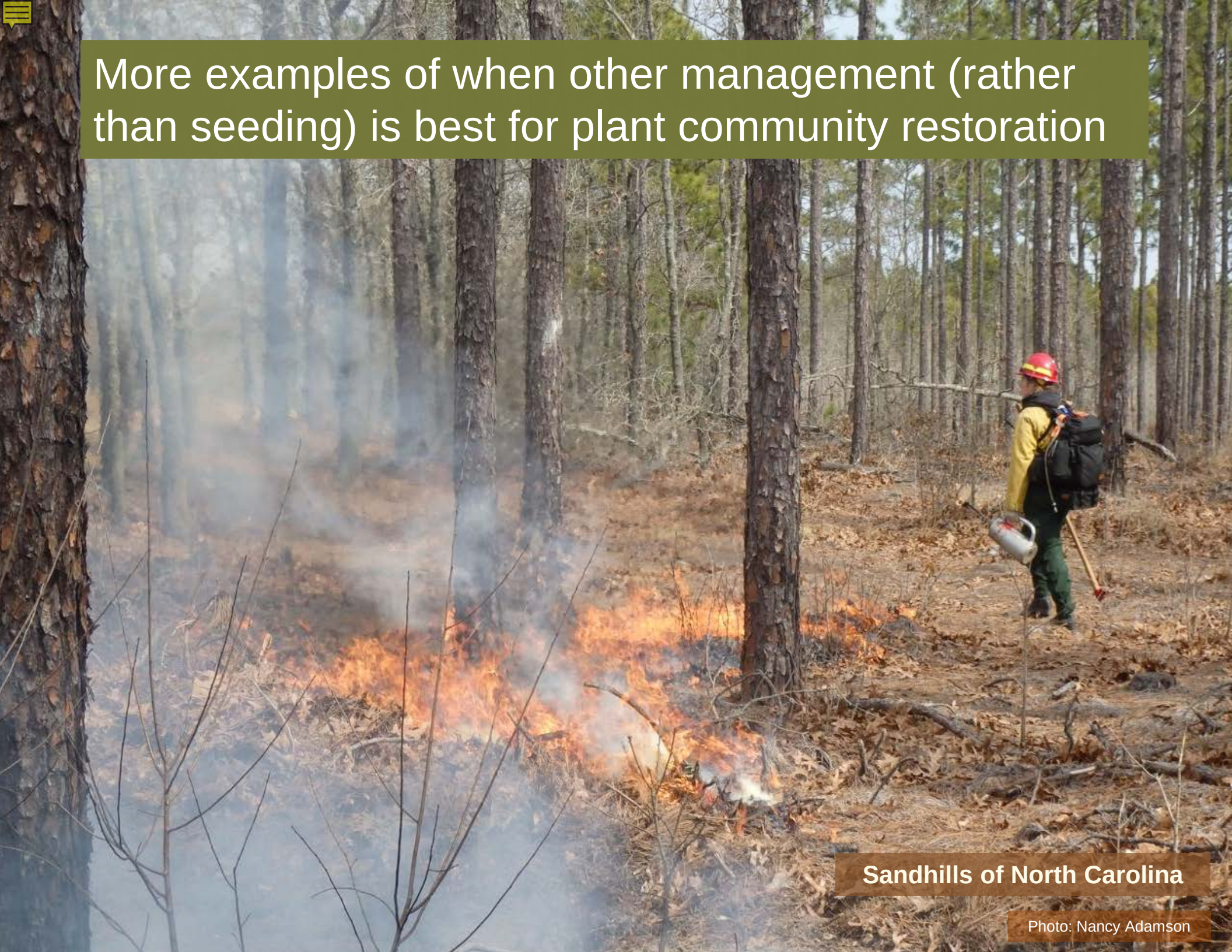
- *Slide 10:* **USDA NRCS PLANTS Database for Crop Nutrients Tool**

- *Slide 11 to 17:* **Additional habitat restoration examples from Virginia**

antelope horns in Texas,
a monarch butterfly host plant

Photo: Nancy Adamson

More examples of when other management (rather than seeding) is best for plant community restoration



Sandhills of North Carolina

Photo: Nancy Adamson

"Daylighted" seed bank: burr oak & hill prairie

1950s aerial photographs showed hill prairies amidst scattered relic oaks. Thinning and growing season prescribed fire restored natural diversity.

restored burr oak & hill prairie communities near Peoria, IL

Photo: Thomas Ward, NRCS ENTSC Forester

Pre-restoration: No light reaching understory

Some areas devoid of undergrowth, despite beaver's best efforts... problems of soil erosion & sedimentation downslope.

sign of beaver's restoration efforts

burr oak & hill prairie (pre-restoration) near Peoria, IL

Photos: Thomas Ward, NRCS ENTSC Forester

Thinning, prescribed fire, & no seeding to restore

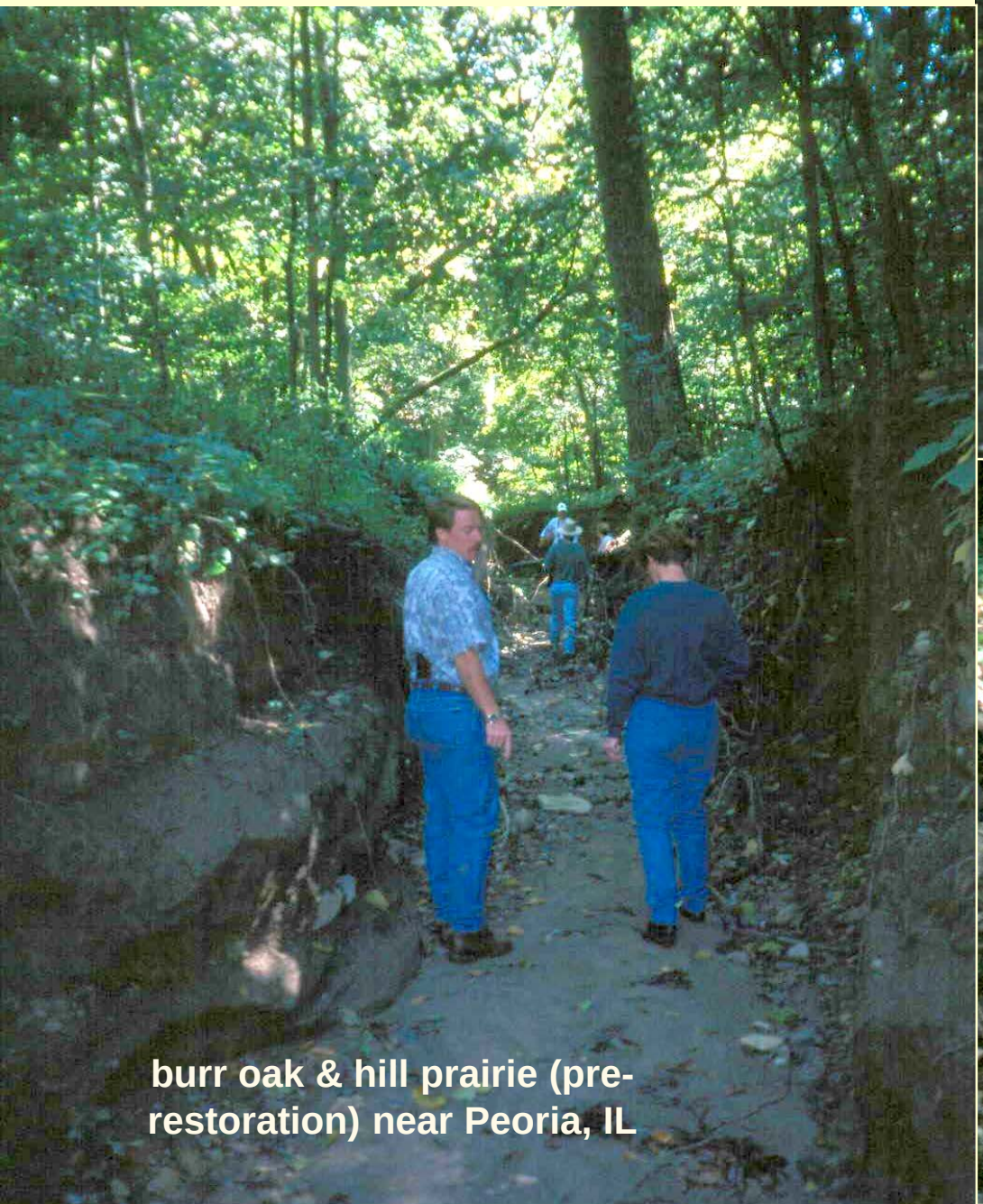
Some areas overgrown with maples, etc.
Cut 2/3s of trees, leaving relic oaks.

burr oak & hill prairie (before restoration) near Peoria, IL

Photo: Thomas Ward, NRCS ENTSC Forester

Pre-restoration burr oak & hill prairie site

Gully erosion



burr oak & hill prairie (pre-restoration) near Peoria, IL

Photos: Thomas Ward, NRCS ENTSC Forester

Riparian restoration: Thinning--no seed needed

Riparian forest buffer (391) calls for 50-80% canopy cover to maintain herbaceous ground cover & prevent erosion; may require invasives control.

restored burr oak & hill prairie communities near Peoria, IL

Photo: Thomas Ward, NRCS ENTSC Forester

Silvopasture (381): Thinning--no seed needed

Many grassy balds along the Blue Ridge Parkway have been maintained with grazing.

Photo: Nancy Adamson

PLANTS Database for Crop (Forage) Nutrient Tool

pitcher plants - Google Se × | Welcome to the PLANTS [× | Crop Nutrient Tool | USDA ×

plants.usda.gov/npk/main

USDA United States Department of Agriculture
Natural Resources Conservation Service

NRCS

PLANTS Database

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Search

Name Search

Scientific Name ▼ Go

- State Search
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PLANTS Topics

- Alternative Crops
- Characteristics
- Classification
- Cover Crops
- Culturally Significant
- Distribution Update
- Documentation
- Fact Sheets & Plant Guides
- Introduced, Invasive, and Noxious Plants
- Threatened & Endangered
- Wetland Indicator Status

Image Gallery

Nutrient Content of Crops

Select Crops
About the Crop Nutrient Tool
Nutrient Data Sources
Download Crop Nutrient Database

A tool for calculating the approximate amount of nitrogen, phosphorus, and potassium that is removed by the harvest of agricultural crops.

Step 1

Select the crop type(s) in which you are interested. At least one selection must be made:

- [ ] Cereal and Oil Crops
- [x] Forage Crops
- [ ] Fiber and Miscellaneous Crops
- [ ] Tree and Fruit Crops
- [ ] Vegetable Crops

OR...

Enter the full or partial name of a crop (i.e. 'corn'). All crops from any crop type will be displayed on the following page.
The search will be performed so that any crop name containing the string entered will be retrieved.

Click the button below to view a list of crops associated with the crop type(s) selected above.

View Crop List | Reset Selections

Additional habitat restoration examples from Virginia

Owen Farm longleaf pine restoration in VA: 10x10 planting

Owen Farm longleaf pine following prescribed fire

Photo: Robert Glennon, VA NRCS, VA DGIF, VTCMI

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Owen Farm longleaf: Native community responded well to fire

butterfly pea
Clitoria mariana

hairy lespedeza
Lespedeza hirta

sawtooth blackberry
Rubus argutus

winged sumac
Rhus copallina

pineweed
Hypericum gentianoides

velvet panicum
Dichanthelium scoparium

Photos: Robert Glennon, VA NRCS, VA DGIF, VTCMI

TNC longleaf pine restoration in Virginia: Thinning

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TNC longleaf pine restoration: 1 year after prescribed fire

Photo: Robert Glennon, VA NRCS, VA DGIF, VTCMI

TNC longleaf pine restoration: 1 year after prescribed fire

Native shrubs and grasses in the understory respond well to fire. They support insects that are vital for red-cockaded woodpeckers, other birds, mammals, reptiles, and amphibians.

blueberry
Clitoria mariana

sweet pepperbush
Lespedeza hirta

slender woodoats
Rubus argutus

Photos: Robert Glennon, VA NRCS, VA DGIF, VTCMI

TNC longleaf pine restoration in Virginia: Thinning