Plan to attend!

This workshop will bring together technical expertise and experience to facilitate learning and sharing about windbreak renovation and how to incorporate innovation into the design and management of windbreaks to address current and future needs and issues to make windbreaks truly multifunctional.

Windbreaks and shelterbelts are barriers used to reduce wind speed. Usually consisting of trees and shrubs, or other materials. They are used to protect crops and livestock, control erosion and blowing snow, define boundaries, provide habitat for wildlife, provide tree products, and improve landscape aesthetics. - Brandle, J.R., Hodges, L., Tyndall, J., Sudmeyer, R., 2009. In: North American Agroforestry; An Integrated Science and practice, 2nd edition.

SPONSORS:

Plains and Prairie Forestry Association

NRCS Natural Resources Conservation Service

K-STATE Research and Extension

KANSAS FOREST SERVICE KANSAS STATE UNIVERSITY

FOREST SERVICE U S DEPARTMENT OF AGRICULTURE

USDA National Agroforestry Center

Renewable Resources Extension Act program

Windbreaks - Just Gathering Dust or a Key Component of 21st Century Ag?

Southern Plains Windbreak Renovation Workshop

May 21 - 23, 2013

Dodge House Hotel
Dodge City, KS

Agenda

Tuesday, May 21— Renovation

10:00 a.m. Welcome

Perspectives
Windbreaks: Adding Flexibility to Agriculture — Bruce Wight, NRCS (ret)

Landowner Experience — Steve Irsik

Wind Erosion 101 — John Tatarko, ARS

Windbreak Design Basics — Rich Straight, USFS-NAC

Noon Lunch (included)

1:00 p.m. ***Assessing the Need for Windbreak Renovation*** — Steve Rasmussen, NFS

Mapping Tree Cover in the Great Plains Using High-Resolution Aerial Imagery — Dacia Meneguzzo, USFS

Using Remote Sensing to Identify Size and Condition of Kansas Windbreaks — Bob Atchison, KFS

Using LiDAR– Travis Rome, NRCS

Shelterbelt Utilization
Traditional Wood Products — Charles Barden, KSU

Biomass and Biofuels — Jim Robinson, Frito-Lay

Pest/Drought Interaction —Mark Harrell, NFS

Plant Materials/Drought Relations — Mark Janzen, NRCS

6:00 p.m. Dinner reception (included)

Wednesday, May 22 — Field Tour

8:00 a.m. Van Departs
Field Tour of Irsik Dairy and CCPI windbreak renovation projects conducted from 8 to 20 years earlier.

Noon Box lunch provided
4:00 p.m. Return to hotel
5:00 p.m. Dinner on your own. Several restaurants, the Boot Hill Museum and casino are nearby.

Thursday, May 23 — Innovation

8:00 a.m. Comments from tour

Windbreak Economics—Larry Godsey, Missouri Valley College

Vegetative Environmental Buffers— John Tyndall, ISU

Lessons Learned from Local Renovation Projects — States

Noon Adjourn

A block of rooms has been reserved at the **Dodge House Hotel** (2408 W Wyatt Earp Blvd).
Telephone number: (620) 225-9900

These rooms will be held until May 7.

Mention *Southern Plains Windbreak Workshop* to receive the discounted group rate of $74 + tax.

Registration Form

Southern Plains Windbreak Renovation Workshop

May 21-23, 2013

Name _____

Address _____

City _____ State _____ Zip _____

Phone_____

Agency _____

E-mail _____

Early registration fee due April 26	$95	☐
Regular registration fee	$120	☐
One day fee	$55	☐

Circle day: Tues. Wed. Thurs.

Please mail completed registration form and check payable to KSU Horticulture by **April 26** to:

Christy Dipman
2021 Throckmorton-HFRR, KSU,
Manhattan, KS 66506