

# The art of stained glass



Elwyn Vatcher (left) showed Sara Vaselik and Wallace Hansen how he measured a piece of glass for a window that he is making at a workshop Saturday morning in the garage at the Ennis-Handy House. The workshop was part of "The Way We Worked" exhibition going on at the High Plains Museum. Working with the museum are the Carnegie Arts Center, the Goodland Public Library and the Ennis-Handy House. Each location is having special tours and activities.

Photo by Pat Schiefen/The Goodland Star-News

# Windbreaks shelter cattle during weather

Established tree windbreaks shelter beef and dairy cattle operations can save producers money on feed costs, weight loss and milk production during the winter months. A heavy winter coat protect beef cattle until temperatures drop below 18 degrees Fahrenheit, but beyond that point, Bob Atchison with the Kansas Forest Service said the animals require additional feed to

maintain body temperatures. The presence of a windbreak can help remedy this problem. "A 25 mph wind at zero degrees Fahrenheit creates a windchill of 44 degrees below zero," said Atchison. "By contrast a properly designed windbreak will reduce the same windchill to 15 degrees below zero." Atchison said windbreaks can

reduce the spike in energy requirements cattle need to maintain their body temperature during extreme cold weather. He cited Canadian researchers who found that cattle on winter range, in unprotected sites, required a 50 percent increase in feed for normal activities. "A properly designed windbreak will reduce these needs by half," he said.

Windbreaks enable cattle to gain and maintain weight better as well. He also cited studies in Montana indicating that during mild winters, beef cattle sheltered by windbreaks gained an average of 34 to 35 pounds more than cattle in an open feedlot. During severe winters, cattle in feedlots protected from the wind maintained 10.6 more pounds than cattle in unprotected lots.

The Kansas Forest Service is now accepting tree orders from producers interested in establishing livestock windbreaks. Foresters also are available to assist with planning a tree planting. For more information, contact the Kansas Forest Service at (785) 532-3300 or visit [www.KansasForests.org](http://www.KansasForests.org).

## corrections

The Goodland Star-News will correct any mistake or misunderstanding in a news story. Please call our office at (785) 899-2338 to report errors. We believe that news should be fair and factual. We want to keep an accurate record and appreciate you calling to our attention any failure to live up to this standard.

**Classifieds work!  
899-2338**

# Historical map done of county landmarks

A historical map of Sherman County has been published by the Heritage Preservation Alliance, an arm of the Sherman County Historical Society. The map is laminated and sells for \$5. It has the early

schools, churches, original towns, post offices, cemeteries and points of interest on it. It is available at the Ennis-Handy House, 202 W. 13th, or call 899-6773.

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