



Ethanol Co-Product Storage and Utilization Conference



Professional development conference for educators through funding from North Central SARE

Where: University of Nebraska-Lincoln ARDC, near Mead, NE
Christenson Research and Education Building

When: May 19-20, 2008

Hotel suggestions: Wahoo Heritage Inn
950 N Chestnut
Wahoo, NE 68066
Phone: 1-866-443-1288
www.wahooheritageinn.com

For Heritage Inn tell them you're with (UNL) group and get 10% off.
Wahoo is a few minutes from ARDC. Lincoln is about 40 minutes

Some Lincoln Hotels:

AmericInn Lodge and Suites: 6555 N 27 th	(402) 435-1600
Country Inn & Suites: 5353 N 27 th	(402) 476-5353
Holiday Inn Express: 3939 N 26 th	(402) 477-1100
Travelodge: 5600 Cornhusker Hwy	(402) 464-5971

Who should come:

Extension Educators, NRCS Personnel, Community College Animal Science Teachers, and High School Ag Teachers

Registration:

Please preregister by May 9th with John Hay by phone or email or contact your in state representative listed below. There is no cost for registration, conference funded from NC SARE PDP

John Hay – University of Nebraska	(402) 472-0408	jhay2@unl.edu
Sandy Johnson – Kansas State University	(785) 462-6281	sandyj@k-state.edu
Joyce Reicks – NRCS	(402) 329-4996 ext 3	joyce.reicks@ne.usda.gov
Dan Loy – Iowa Beef Center	(515) 294-1058	dloy@iastate.edu
Cody Wright – South Dakota State University	(605) 688-5448	cody.wright@sdstate.edu

What is offered:

Hands on demonstration of mixing and storing distillers grains products.

Leave with ideas and materials for use in educational programs

Experts in the field come together to discuss all current research on distillers storage. Including:

- Process, feed types, and fractionation
- Nutrient analysis, variability
- Feed issues (nutrition, research, economics), Cow calf, Stocker, Feedlot
- Carcass Impacts
- Pricing of co-products
- Storage details: Mixes that work, Measuring what works, Nutrient quality
Labor equipment needs, Economics
- Shrink
- Emerging Issues: Mold, Mycotoxins, Sulfur, Feeding large amounts

Ethanol Co-Product Storage and Utilization Conference – AGENDA

North Central Region SARE
University of Nebraska-Lincoln
South Dakota State University
Iowa State University
Kansas State University
Natural Resource Conservation Service

Objective: Training and education on storing wet ethanol byproducts, utilization, and emerging issues for educators in Iowa, Kansas, Nebraska, South Dakota, and Missouri,.

This project will focus on delivering:

- Education on storage, feeding, and emerging issues on ethanol byproducts.
- Demonstrations of mixing and storage. Ag Educators will see storage techniques and learn about the issues of feeding, storage, spoilage, and quality.
- Resources toolbox for use by educators to provide training in their local areas.

May 19, 2008

10:00 – 10:30 Registrations/arrivals
10:30 – 11:00 Welcome and introductions-
- *JOHN HAY, UNL Extension Educator*
- *BRENT PLUGGE, UNL Extension Educator*
11:00 – 11:45 Process, feed types, and fractionation
- *KIP KARGES, Poet Nutrition*

12:00 – 1:00 Lunch

1:00 – 1:30 Nutrient analysis, variability
- *TERRY KLOPFENSTEIN, Professor of Ruminant Nutrition, UNL*

1:30- 2:30 Feed issues Cow-calf (nutrition, research, economics)
- *RICK RASBY, Extension Beef Specialist, UNL*
- *AARON STALKER, Professor, Ruminant Nutrition, UNL*
2:30 – 4:00 Feed issues Feedlot (nutrition, research, economics)
- *GALEN ERICKSON, Extension Feedlot Ruminant Nutrition, UNL*

4:00 - 6:00 Demonstration Tour at ARDC research feedlot
Small bags
Bagging demonstration
Bunker demonstration
What works, what did not
Mixing details

6:15 - 7:00 Steak Dinner at the ARDC

7:00 - 8:30 Panel Discussion
SDSU research: *CODY WRIGHT,*
ISU research: *DAN LOY*
MU research: *JIM HUMPHREY*
KSU research: *TWIG MARSTON*

May 20, 2008

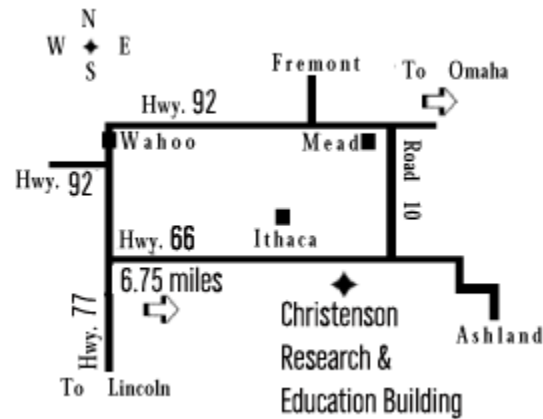
- 8:00 – 8:30 Meat Quality
- *CHRIS CALKINS, Professor Animal Science, UNL*
- 8:30 – 9:00 Pricing byproducts
- *DUANE KRISTENSEN, Chief Industries*
- 9:00 – 10:45 Storage details: Mixes that have “worked”, Measuring what works, Nutrient quality,
Labor/equipment needs, Economics -WDGS, WCGF, modified WDGS
- *DAN LOY, Professor of Animal Science, ISU*
- *BRENT PLUGGE, Extension Educator, UNL*
- *DENNY BAUER, Extension Educator, UNL*
- *AARON STALKER, Professor Ruminant Nutrition, UNL*
- 10:45 – 11:45 Sulfur
- *DAN GOULD, Professor Emeritus, CSU*
- 11:45 – 12:15 Producer panel discussion:
- *ALAN JANZEN*
- *KENT HUBBERT*
- 12:15 – 1:00 Lunch
- 1:00 – 1:45 Storage details: Mixes that have “worked”, Measuring what works, Nutrient quality,
Labor/equipment needs, Economics -WDGS, WCGF, modified WDGS
- *RICK RASBY, Extension Beef Specialist, UNL*
- *DARRELL MARK, Professor Ag Economics, UNL*
- 1:45 – 3:00 Mold/mycotoxins
- *TAMRA JACKSON, Professor UNL Plant Pathology, UNL*
- *STEVE ENSLEY, Professor Veterinary Diagnostic Laboratory, ISU*
- 3:00 – 3:30 Questions Discussion, Evaluations

Wrap-up by 3:30 (evaluations)

Ethanol plant involvement: Chief, Poet,

Directions:

The University of Nebraska-Lincoln Agricultural Research and Development Center (ARDC) and UNL Extension in Saunders County are headquartered in the [August N. Christenson Research and Education Building](#) near Mead, Nebraska. The following provides travel directions from Omaha and Lincoln.



FROM OMAHA: Take Dodge Street west on Hwy. 275, turn south on Hwy. 275 until it winds into Hwy. 92. Travel west on Hwy. 92 to Mead. (Taking L Street out of Omaha is also Hwy. 92) A green *Univ. of Nebraska Agricultural R and D Center* sign is located just east of the main turn into Mead. Turn south (left) onto Road 10 and travel 6 miles to the stop sign. You will approach a stop sign and a directory sign. Turn west (right) on Hwy. 66 (formerly Hwy.63) and travel 3/4 mile to the [August N. Christenson Research and Education Building](#). The building is located on the south side of Hwy. 66 between County Roads 10 and 11. **Please park in the west parking lot.** Time considerations: approximately 40 minutes from west Omaha.

FROM LINCOLN: Take Hwy. 77 north out of Lincoln towards Wahoo. Just north of the unincorporated community of Swedeburg (and 4 miles south of Wahoo), you will approach a green *Univ. of Nebraska Agricultural R and D Center* sign, a Hwy. 66/77 sign, and a Wahoo/Ashland/Ithaca sign. Turn east (right) onto Hwy. 66 (formerly Hwy. 63) and travel 6 3/4 miles east. The [August N. Christenson Research and Education Building](#) is located on Hwy. 66 on the south (right) side of the road. The building is situated behind a hill and is difficult to see from the highway. **Please park in the west parking lot.** Time considerations: approximately 40 minutes from Cornhusker Hwy. and Hwy. 77.

Pdf version of directions at: <http://ardc.unl.edu/ARDCDirections.pdf>