

# RCAS

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- Can My Safety Blog Help You?  
Yes. Twice.



Department  
of

# Bulletin Board

Agronomy

**February 4, 2011**

**FACULTY MEETING**—Monday, February 7

8:30 a. m Lilly 2-425

Agenda ...

1. Dr. Peter Dunn - Vice President for Research, "Check Yourself: A self check service for plagiarism screening - Purdue University". Review of the Graduate Student Policy and the Faculty and Post-doc Policy. (documents attached).

Please note: Graduate students and Postdocs are encouraged to attend the meeting from 8:30-9:00 am.

2. Dr. Lee Schweitzer - Undergraduate Plans of Study - Major/Minors

3. Dr. Joe Anderson - Department Head Update

4. Announcements

**DATES TO REMEMBER**

Feb. 7<sup>th</sup>

•Last day to cancel a class without a

**ACRE Safety Thought #095**

A delayed winter hazard could well be the result of snow or ice accumulation on a metal barn roof. The problem happens when it warms up and the accumulated snow comes crashing down. Imagine the weight of a column of snow and ice sliding down the sloped metal roof of a barn or our Beck Center. Imagine the danger of sheets of ice or ice icicles dropping also. So when you are near a snow or ice covered building with a steep sloped roof, please be aware of these risks and look for a safe entry and exit area. Don't loiter under dangerous locations. Think, plan, train, and work safely at ACRE.

Jim

**The next Plant Sciences Social** is this Friday, February 4, 5:15 PM until about 8 PM at Lafayette Brewing Company.

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### Welcome to the ACRE

The Agronomy Center for Research and Education, ACRE, is an outdoor laboratory for Purdue Agriculture. Used for field research and hands-on teaching, the 1,135 acre farm is a busy place with faculty, staff, student, and visitor activity. I am Jim Beaty. I have been Superintendent of the ACRE since 1986. With my four full time staff members, part time help, and student employees we are responsible for operating the research farm. About 53 university researchers conduct projects here at the ACRE. I plan to write about our research, visitors, and farm safety thoughts.


2/3/2011

### ACRE Safety Thought # 40

One harvest season hazard to avoid, happens when a plot combine gets stuck in the mud and chains, cables, or synthetic tow ropes are used for removal. Pulling out equipment that is mired in the mud requires special safety considerations. Don't get under an unstable machine to attach the chain. Don't stand between the two machines during the hooking process unless you are sure the pulling machine is stopped and in park. Always attach to sturdy low structures, like tool bar or tie down hooks. The pulling vehicle should be heavier than the

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**ACRE Safety Thought # 40**

Today, February 03, 2011, 5 hours ago | Beaty, James J | 

**Body:**

One harvest season hazard to avoid, happens when a plot combine gets stuck in the mud and chains, cables, or synthetic tow ropes are used for removal. Pulling out equipment that is mired in the mud requires special safety considerations. Don't get under an unstable machine to attach the chain. Don't stand between the two machines during the hooking process unless you are sure the pulling machine is stopped and in park. Always attach to sturdy low structures, like tool bar or tie down hooks. The pulling vehicle should be heavier than the combine. Use a tractor instead of a pick-up if possible. The condition and rated size of the chain, cable, or tow rope is critical. A slow steady pull is much safer than a "snap pull" which should never be executed at ACRE. The driver of both the stuck combine and the tow tractor must be keenly aware of the rebound hazards should the tow line fail. If a line is under tension and a connecting hook fails, then the stored energy in the line under tension can create a sling-shot rebound and send the hook or cable from the other end flying back towards the machine and person on the opposite end. Likewise helpers and spectators should stay a safe distance away from a pulling process. Plan, think, and work safely at ACRE.

**Category:** ACRE Safety Thoughts  
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ACRE Safety Thou... 1



# Actions

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write about our research, visitors, and farm safety thoughts.

**2/4/2011**

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## ACRE Safety Thought #41

Harvest season brings on the use of combines and other powered equipment. The dust and dried plant material that accumulates on power equipment can be very combustible. A combine fire, although rare, would be a serious hazard to ACRE workers. To avoid this hazard keep harvest equipment cleaned daily, or more often if needed. Broom off or use the farm shop compressed air system to keep equipment clean. Be especially aware of plant material that wraps tightly around shafts or bearings and might heat up. Seriously attempt to keep the area around the engine exhaust system free from any debris. Proper equipment maintenance is critical to prevent bearings from overheating during failure. Plan, think, and work safely at ACRE. Jim

Posted at 1:46 PM by [Beaty, James J](#) | Category: [ACRE Safety Thoughts](#) | [Permalink](#) | [Email this Post](#) | [Comments \(0\)](#)

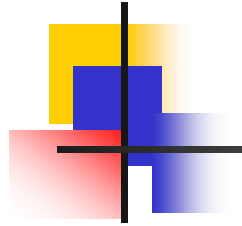
**2/3/2011**

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One harvest season hazard to avoid, happens when a plot combine gets stuck in the mud and chains, cables, or





- Jim Beaty
- Questions?



