

DANGERS

of Entering a Grain Bin

It takes only **10-30 seconds** to prevent yourself from injury or death by hooking up to a fall restraint



From the time the auger starts, you have **2 seconds** to react



In **4 seconds** you are trapped



After **8 seconds**, you are completely covered



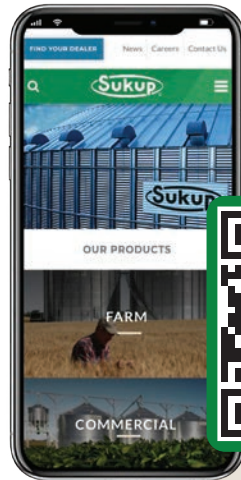
Depiction of a grain bin entrapment rescue from the movie Silo, a feature film inspired by true events.

IF YOU MUST ENTER THE BIN:

- **STATION** an observer outside the bin door who can be in constant contact and available with resources to help, if needed.
- Lock out **ALL** power when maintaining equipment or entering a bin.
- Use approved **PERSONAL PROTECTIVE EQUIPMENT (PPE)** including air monitoring equipment to ensure air is safe to breathe.
- Use **PROPER** fall arrest systems.
- **BE AWARE** of potential voids or cavities in the grain, damaged grain stuck to the sides of the bin, crusted grain, etc.

RESOURCES

Each Sukup product installation/operation manual has a section that includes general and product-specific safety information, and shows placement of safety decals on equipment. Safety warnings appear throughout manuals to protect against injury during installation and/or operation. Be sure to read and understand safety information before installing or using product. Failure to follow instructions and safety precautions can result in death or serious injury! Keep manual in a safe location for future reference.



Visit our Safety Resources section for additional tips and information



BIN OPERATION MANUAL



MANAGING STORED GRAIN



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@SukupMFG

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SAFETY IS

inGRAINED

AT Sukup



GRAIN STORAGE GUIDELINES

- Store **ONLY** cooled, dry and free flowing grains.
- Use a **GRAIN SPREADER** to spread out the fines as the bin is filled.
- **DO NOT ADD** new crop to old crop already in bin.
- **MAINTAIN** stored grain temperature to within 10 to 15°F of average monthly outdoor temperature, but not colder than 35°F or warmer than 50°F.
- Monitor grain condition **FREQUENTLY** (with use of temperature cables).
- Provide **ADEQUATE AERATION** to control grain temperature.
- **RESEARCH** technical information published by credible sources.

“The advantage of proper grain storage practices is better grain quality, reducing the need to enter a grain bin. This significantly reduces the risk of a grain engulfment incident.”

Steve Waechter,
Sukup Manufacturing Co.

SUKUP GRAIN BIN SAFETY FEATURES

Always use a **FALL RESTRAINT** or **FALL ARREST** system when working at a height where fall hazards exist.



PERSONAL PROTECTIVE EQUIPMENT (PPE)



Knot passing pulley system **STANDARD** on all roofs 15,000 lbs. or greater.



Restraint anchor (rated for 1,800 lbs.) for use with a lifeline and safety harness. **STANDARD** on all Sukup bins.



Ensure shields and decals are **IN PLACE**. Replacements are available at no cost.

MAINTENANCE TIPS

- Periodically **INSPECT AND CLEAN** all equipment, including mechanical and electrical components, to keep them in good working condition.
- **CHECK** pits and sumps, gearbox oil levels, chain and belt tension, and bearings.
- **ENSURE BINS ARE CLEAN**, in good condition, and clear of any debris inside and outside, particularly in the plenum.
- Replace missing or worn **SAFETY DECALS** and shields.
- Clean out **DRYER** and turn off fuel tank valves and in-line valves.
- Contact **YOUR DEALER** for any repairs.
- **REVIEW** safety procedures and proper equipment operation with all workers.

Sukup Cluster Buster™ (operated from outside bin) safely breaks up grain clumps around the center sump. **STANDARD** on all Sukup Sweepways®.

