

GROWING AGRICULTURE *together.*

GRAIN BIN SAFETY

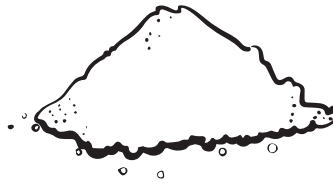
As farms continue to grow, the need for larger grain storage has stayed on trend with production. Grain quality within grain bins plays a major role when it comes to safety for those handling the grain. Grain safety and following proper procedures must remain at the forefront in order to keep those in the grain industry safe.

BIN CONDITION

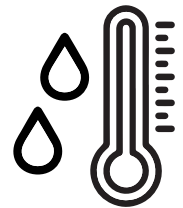
The most common conditions that lead to a grain engulfment are listed below.



SPOILED OR CRUSTED GRAIN



BUILD UP OF FOREIGN MATERIAL



HIGH LEVEL OF MOISTURE

TYPES OF GRAIN ENGULFMENT

Caught in Flowing Grain



When person unplugs discharge equipment and grain starts flowing again.

Falling through a void in crusted grain



Crusted grain forms a bridge with a void under it and person falls through.

Grain falls like an avalanche

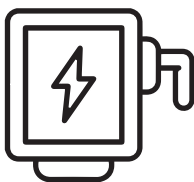


Grain clumps together on side wall and falls on person when it becomes loose.

BIN ENTRY

Evaluate the bin before entering. If the grain inside is unsafe, **STAY OUT OF THE BIN.**

If you must enter a bin and have determined the condition of the grain is safe to walk on, always follow these rules.



DE-ENERGIZE EQUIPMENT

Turn off all equipment



WEAR PROPER PPE

Lifeline and harness



HAVE A SPOTTER

Second person with you