

# Grain Bin Engulfment Infographic



# It Takes Just Seconds To Be Engulfed – and Just A Few Minutes To Keep Safe

GRAIN BIN SAFETY WEEK | FEB 21 - 27, 2016

Organized by Nationwide, Grain Bin Safety Week helps raise awareness of the suffocation hazards of grain bins. By establishing and following safe grain bin-entry procedures, you can help reduce the number of preventable injuries and deaths associated with grain handling and storage.



Suffocation from engulfment is the leading cause of death in grain bins.

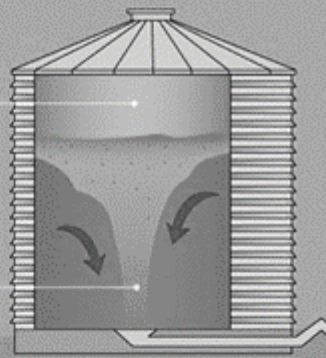
## SUFFOCATION HAZARDS

### Oxygen-deficient atmospheres

A worker entering a bin **can be quickly overcome by toxic gases and die or suffer serious injury**. Suffocating atmospheres can result from machinery in use in or near bins, spoiling or deteriorating grain or other problems.

### Engulfment

Much like quicksand, **flowing grain can bury a worker within seconds**. And its behavior and weight make getting out without assistance almost impossible.



In 2010, at least 26 people were killed in the U.S. by grain entrapment – the highest number on record.<sup>1</sup>



It takes only seconds to become helplessly trapped in flowing grain

**38** In 2014, resulted in **17**  
entrapments deaths  
– the highest numbers since 2010.<sup>1</sup>

Grain bin accidents can result in  
**multiple deaths**

when untrained people  
rush in to help.

Source: <https://www.mysightonline.com>