

# ROPS

ROLLOVER PROTECTIVE STRUCTURES



## DID YOU KNOW?

### OVERTURNS

are the most frequent cause of death on farms at a rate of 96 per year



The occupational fatality rate for farmers is **5X HIGHER** than other industries



**7 OUT OF 10**

farms go out of business within 5 years of a tractor overturn fatality

**ROUGHLY HALF**

of the tractors in the U.S. are unprotected

## WHAT IF ALL THIS COULD BE PREVENTED?

ROPS are **99% effective** in preventing injury or death in the event of an overturn when used with a seatbelt

**\$1,300** the average cost of a ROPS kit

For every rollover fatality, there are **FIVE NON-FATAL INJURIES** — 13% of which result in permanent disability

**99%** of farmers are happy with their retrofitted ROPS

## ROPS REBATE PROGRAM FACTS

- ▶ The National ROPS Rebate Program offers farmers approximately 70% in rebates for rollover protection installed on unprotected tractors. Please call 877-ROPS-R4U for state-specific rebate information.
- ▶ The program provides 80% of its funding directly to farmers (20% goes to promotion of the program).
- ▶ Since the program's inception in 2006, more than 3,300 tractors have been retrofitted in 26 states.
- ▶ The National ROPS Rebate Program is an effort supported and guided by members of the National Tractor Safety Coalition, an organization with representation from nearly 60 multi-sector industry and advocacy groups.

*Since retrofitting through the Program, participants have reported at least 28 events in which death or permanent disability were likely prevented, as well as many close calls. These are the lives that your support helps save.*





## COSTS OF A ROLLOVER FATALITY

**\$922,210**  
Cost of one overturn\*

**\$1,300**  
Average cost of a ROPS

**\$391**  
Average out of pocket cost for a program participant

In New York alone, nearly \$5 million has already been saved as a direct result of this program.

Future savings of \$12,136,512, \$15,781,027, and \$18,924,818 are projected if retrofitted tractors remain in operation 15, 20, or 25 years after their retrofit.

For more information:

- ▶ BLS. 2014. Census of Fatal Occupational Injuries charts 1992-2013, preliminary data. Washington, D.C.: U.S. Department of Labor. Retrieved from <http://www.bls.gov/iif/oshwc/cfoi/cfch0012.pdf>
- ▶ Cole, H. P., Myers, M. L., & Westneat, S. C. (2006). Frequency and severity of injuries to operators during overturns of farm tractors. *Journal of agricultural safety and health*, 12(2), 127-138.
- ▶ CPI adjusted from Biddle, E. A. (2013). Is the Societal burden of fatal occupational injury different among NORA industry sectors?. *Journal of safety research*, 44, 7-16.
- ▶ Myers, J. R., & Hendricks, K. J. (2010). Agricultural tractor overturn deaths: assessment of trends and risk factors. *American journal of industrial medicine*, 53(7), 662-672.
- ▶ Murphy, D. J., Myers, J., McKenzie Jr, E. A., Cavaletto, R., May, J., & Sorensen, J. (2010). Tractors and rollover protection in the United States. *Journal of agromedicine*, 15(3), 249-263.
- ▶ Sorensen, J. A., Jenkins, P., Bayes, B., Clark, S., & May, J. J. (2010). Cost-effectiveness of a ROPS social marketing campaign. *Journal of agricultural safety and health*, 16(1), 31-40.
- ▶ Myers M, Kelsey T, Tinc PJ, Sorensen JA, Jenkins PL. Cost-effectiveness of a ROPS Social Marketing Campaign: An Update. Submitted to *American Journal of Public Health*, April 2018.

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**FACEBOOK:** [www.facebook.com/NationalROPSRebateProgram](http://www.facebook.com/NationalROPSRebateProgram)

## WHAT FARMERS ARE SAYING ABOUT THE PROGRAM

"I'm very happy to have it on my tractor and would not have been able to get one without your program. Thank you."

**BRIAN ROHDE,**  
Dublin, NH

"It's a great feeling knowing you have that extra safety of rollover protection. I do thank you for the Program."

**TOMMY HEATH,**  
Plum City, WI

"Everybody benefits from this program and that's the bottom line."

**ALLEN MCCLEMENTS,**  
Nunda, NY

"I wouldn't be doing this without the rebate. I'd just be sitting around thinking about it."

**MARK BOYDEN,**  
Cambridge, VT

"Thank you so much for this rebate program for tractor rollbars. I'm sure it will save many lives and prevent many injuries."

**JOE PRIDDY,**  
Russell, PA

