Student Pre Surveys

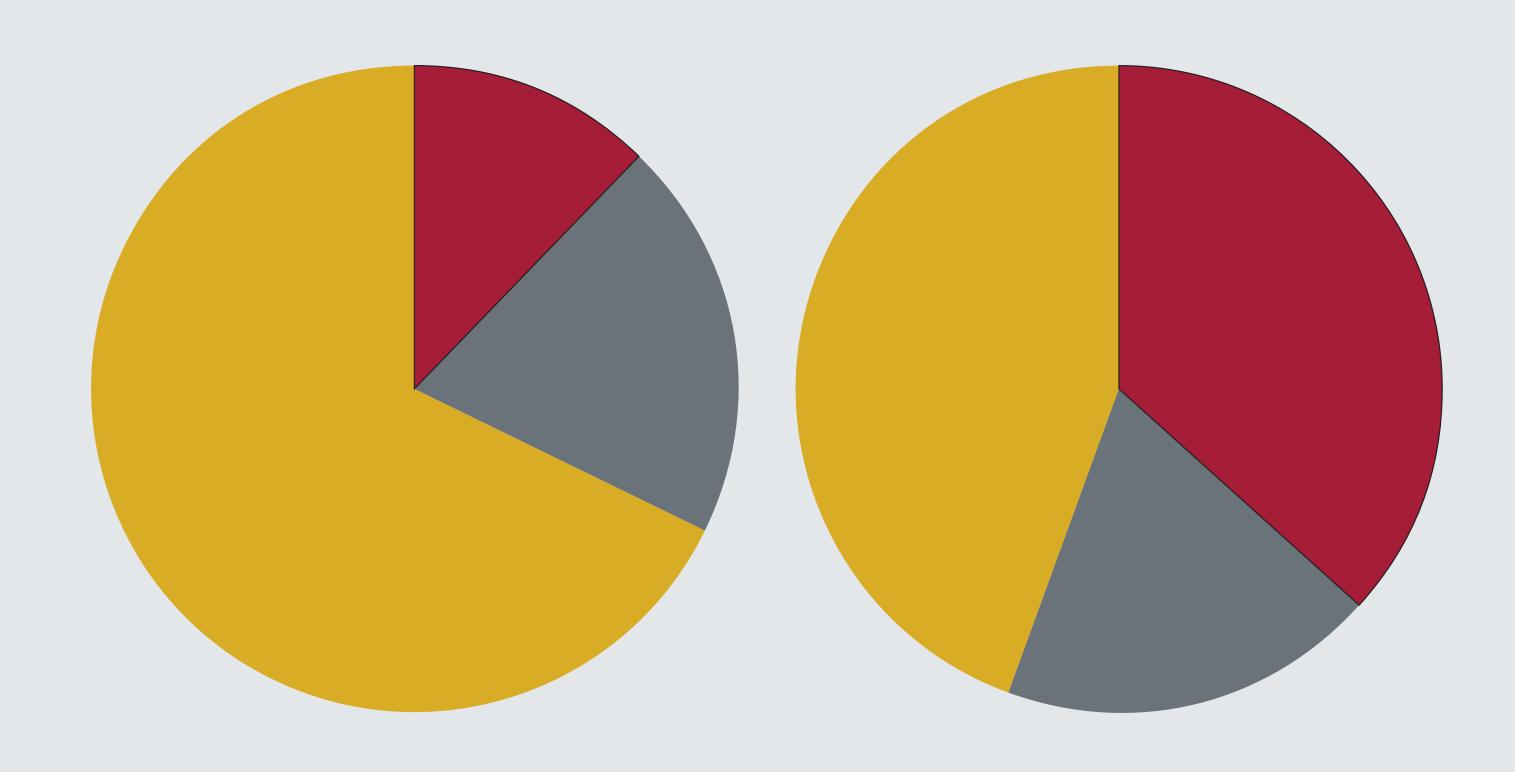
Questions related to ATVs are part of the standardized Gear Up for Ag™ pre and post survey.

1574 of 2252 international students took the pre survey

56% have rolled an ATV/Quad

13% never | 59% sometimes | 19% always allow extra riders when operating an ATV/Quad

35% never | 38% sometimes | 18% always wear a helmet when operating or riding an ATV/Quad



Pre Survey Data provides understanding on how students are doing prior to the delivery of the program.

Sharing real data with students gives us the opportunity to open up discussions about the students who are in the program.



GearUp

for Ag Health & Safety

Crush Protection Device (CPD) as a Strategy to Prevent ATV Fatalities and Injuries

The Ag Health and Safety Alliance's *Gear Up for Ag Health and Safety™* program focuses on educating the next generation of agriculture by interacting with students at Ag colleges and high schools.

Data from the Ag Health and Safety Alliance's standardized survey indicates there is a need for increased attention to ATV Safety.



-Crush Protection Device-(CPD)

-Helmet-

-No Extra Riders-

-Personal Protective Equipment-(PPE)

Hierarchy of Controls Most Effective Elimination — Physically Remove the Hazard Substitution — Replace the Hazard Engineering Controls — Isolate People from the Hazard Administrative Change the way

Least Effective |

Ag Health and Safety Objectives:

- 1. Agricultural and Occupational Health and Safety organizations support the use of CPDs on ATVs through safety education and awareness.
- 2.Health and safety messages and campaigns show the use of CPDs on ATVs.
- 3.ATV industry installs CPDs on ATVs similar to ROPS on tractors.
- 4.Development of CPD engineering standard.

Traditionally, a hierarchy of controls has been used as a means of determining how to implement feasible and effective control solutions. The Crush Protection Device (CPD) is an engineering control for ATVs that is used as a prevention strategy to reduce and prevent injuries and fatalities for ATV riders similar to the use of ROPS on tractors. Currently safety education focuses primarily on the use of helmets, PPE and not allowing extra riders.

Student Post Surveys

264 students completed the post survey.

Since the Gear Up for Ag™ program students reported the following:

20% never | 49% sometimes | 17% always allow extra riders when operating an ATV/Quad

16% never | 64% sometimes | 24% always wear a helmet when operating or riding an ATV/Quad

Starting in October 2018, additional education and a post survey question related to the use of a Crush Protection Device was included in the Gear Up for Ag™ program.

How likely are you to get a Crush Protection Device for your ATV?

Of the **106** students who took the updated post survey, **6%** stated they are very likely to get a CPD. and **26%** somewhat likely get a CPD.

Resources

Addition of CPD to educational displays and materials

