This exercise demonstrates the danger of disease spread when commingling animals and also can show how disease can be carried on boots/clothing from fairgrounds back to the home herd.

Scenarios:
1. Exhibitor (all species) with boots who take home animals to isolation = no spread of disease to home herd if isolation protocol is followed (animals that were at fair may get sick)
2. Exhibitor (all species) with boots who take home to no isolation = spread of disease (all animals – fair animals plus animals at home)
3. Exhibitor (all species) with all animals going to market. (If he doesn’t change boots from fair to home) = spread of disease

Locations to post: (need signs for each)
1. County Fair
2. Home: Isolation (need separate location of isolation from home herd)
3. Home: Mixed
4. Harvest Facility

Actors needed: They will unload their animals at fair, feed them, clean them, show them at fair, sell some/or take home. (need signs for each)
1. 4-Her with goats
2. 4-Her with pigs
3. 4-Her with cattle
4. 4-Her with sheep

Animals needed: ***if short on kids, we don’t have to have that many go to fair or that many stay at home animals – they could always be the same stay home – just make sure they don’t mix from isolation home to non-isolation home.
1. 2 animals that go to fair then market (harvest facility) no biosecurity risk
2. 2 animals that go to fair and go home to isolation (these go to a farm with home animals present but away from returning fair livestock)
3. 2 animals that stay at home (don’t get sick because they are isolated from the fair animals)
4. 2 animals that go to fair and go home to no isolation (mixed with animals at home)
5. 2 animals that stay at home (get sick from being mixed with fair animals)

Optional:
6. 2 animals that stay home (get sick from dirty boots)

Have the youth “load” the animals and transport them to the fair (an area where all animals are commingled this area should have the glow dust sprinkled on the floor prior to their arrival). After milling around at the county fair have the youth either market their animal, take them home to either an isolation area or commingling area. The optional event would have some youth at the fair who market their animals not change boots before returning home contaminating home stock as well. Discuss why certain animals are contaminated and others are not. Be careful to not accidentally “contaminate” clean animals when youth are moving around or taking off boots.

Supplies needed:
Signs for animal species, facilities (locations)
Black light
Glow dust
Disposable plastic boots