



2009 Youth Innovation Challenge Winners

1st Place

Name: **Stephanie Sluys**

Hometown: Clinton

Invention Name: **Cattle Mover**

The Cattle Mover is essentially a pen on wheels that is pulled by a tractor. The Cattle Mover is used to move cows and calves from one barn to another. The Cattle Mover is used daily on Stephanie's farm and has helped in areas such as labour saving, farm safety, animal handling, and improved farming efficiency. Using the Cattle Mover, moving cows and calves only requires one person instead of many. It can move three cows at once or seven calves at a time. The Cattle Mover is a good safety tool because it protects the farmer from the cow.

2nd Place

Name: **Ron Groen**

Hometown: Teeswater

Invention Name: **Box Stall Dry Additive Upgrade**

The Box Stall Dry Additive Upgrade is an innovation to make the job of adding dry powdered lime to sawdust bedding easier. Ron's innovation puts the powdered spray-lime onto the sawdust after it has gone through the blower and reduces the amount of build-up of the spray-lime and reduces the amount of time the blower clogs up compared to before the Additive Upgrade was installed. The spray-lime is held in a container above the sawdust blower. When the sawdust comes out of the blower it hits a flap, which slightly opens the container. This, together with the machine driving along, makes the spray-lime vibrate downwards and slowly come out of the container and evenly spread on the cow's mats. These changes will make a better and less time-consuming product.

3rd Place

Name: **Kevin Sluys**

Hometown: Chepstow

Invention Name: **Calf Mover**

The Calf Mover makes the job of moving calves around Kevin's farm a lot easier and faster. The base of the Calf Mover is an old bale spear. The spear was removed, then pieces were welded on to make a frame for a box for the calves. An old gate was used as the door, and the box itself was finished off with pieces of plywood. The Calf Mover hooks onto the loader tractor using the quick attach from the old bale spear. The Calf Mover makes it easy to move the calves around the farm.