

STATE OF THE ART PIG BARN

At the McClure Family Farm, see how technology is used in their new barn. Watch Episode 2 at OhioPork.org and answer the following questions.

The McClures built this barn because...

- They can take better care of their pigs
- For fertilizer value; they use the nitrogen in the manure to provide fertilizer for the corn crop
- To store the corn they produce

Ryan McClure invested in technology to take care of his animals, manage his barns, and increase the farm's productivity. What science/technology/engineering do you see that improves the:

Comfort of the animals?

pigs roam freely, lounging area is included, misting system, watering system

Feeding of the animals?

automatic feeding system, "food court"

Cleanliness of the animals?

floor is slatted

What technology helps the McClures deal with emergencies such as loss of electricity?

cell phone alarm

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How could you include technology in a barn to address these livestock needs?

Temperature?

Water?

Food?

Safety?

Comfort?

Describe your ideas:

Draw a design idea. Who could evaluate your design?



RESOURCE LINKS

Swine Care: pork.org/newsandinformation/quickfacts