

## Where's the beef? Scavenger Hunt



### Hurricane Florence



<https://www.nytimes.com/2018/09/19/climate/florence-hog-farms.html>

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### Energy Cost



<https://www.nytimes.com/2008/01/27/weekinreview/27bittman.html>

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### Factory Farming



[https://www.youtube.com/watch?time\\_continue=120&v=7I0v3LhKhQg](https://www.youtube.com/watch?time_continue=120&v=7I0v3LhKhQg)

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CAFO



<https://www.argusleader.com/videos/news/2017/07/25/what-cafo/103961324/>

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Polyface Farm



<https://www.youtube.com/watch?v=KxTfQpv8xGA>

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It's not the cow.



<https://www.sacredcow.info/blog/is-grassfed-good-enough>

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### Desertification



<https://infograph.venngage.com/p/225430/desertification-infographic>

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### Overgrazing



<https://grazingrights.naturalresources.anthro-seminars.net/ecology/impact-of-overgrazing/>



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### Overfishing



<https://www.flickr.com/photos/audreelapierre/15226216750>

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What if?



<https://www.youtube.com/watch?v=ANUoAdXfA60>

## **Where's the beef? Scavenger Hunt**

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### **Hurricane Florence**

What happened near large-scale hog lagoons, or CAFOs, in North Carolina after Hurricane Florence hit in 2018?

What type of nutrients polluted the area?

How is the large amount of organic waste affecting the surrounding groundwater and surface water?

### **Energy Cost**

What is the infographic depicting?

How much more energy is required to produce meat than vegetables?

Why might this be?

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### **Factory Farming**

Why is deforestation a side effect of factory farms?

Is factory farming sustainable? Explain why or why not.

### **CAFO**

What does the acronym CAFO stand for?

What types of animals can be produced in a CAFO?

What are some benefits to this type of agricultural practice that might it be appealing to farmers?

### **Polyface Farm**

Describe at least three ways that Polyface Farm practices sustainable farming.

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### **It's not the cow.**

Look at the infographic. What is the difference between continuous grazing and managed grazing?

What are benefits to managed grazing?

What are consequences of continuous grazing?

### **Desertification**

Look at the infographic. What is desertification?

What are the causes of desertification?

What types of areas are more susceptible to desertification?

### **Overgrazing**

Look at the infographic. What effects does overgrazing have on biodiversity?

How does overgrazing affect landscapes?

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How does overgrazing affect other animals?

### **Overfishing**

Look at the infographic. What is bycatch and how much of the total amount caught is bycatch?

Which marine animals are most susceptible to being caught as bycatch?  
Hypothesis why this is?

How much of the fish population is used up or threatened?

How is overfishing affecting biodiversity?

### **What if?**

How much land is used for pasture?

How much global greenhouse gas production is livestock responsible for?

What is the relationship between wealth and meat consumption?