

**On farm example:
900 hd capacity
feedlot in central IL**



 PennState Extension

University Park, PA

extension.psu.edu

Facility (limestone/gravel roads; untreated)



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Feedlot barn



Slatted floors (<25% manure coverage)



Feed storage and mixing area



Open commodity bays



Feeding mixing (silage)



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Effectiveness Results:

(Close / Go Back) ✕

Width of white box identifies room for improvement to reduce emissions within each constituent of concern. More white area signifies greater opportunities to make changes and reduce air emissions. Click the box to view practice standards applicable to your scores. Click on a management category to quickly modify your answers.

| Management Category | Odor | Particulate Matter (Dust) | Ammonia (NH ₃) | Hydrogen sulfide (H ₂ S) | Methane (CH ₄) | Volatile organic compounds (VOCs) | Nitrous Oxide (N ₂ O) |
|-------------------------|--------------------------|---------------------------|----------------------------|-------------------------------------|----------------------------|-----------------------------------|----------------------------------|
| Animals and Housing | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | N/A | N/A | <input type="checkbox"/> | N/A |
| Feed and Water | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | N/A |
| Collection and Transfer | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Manure Storage | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Land Application | <input type="checkbox"/> | N/A | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | N/A |
| Mortalities | <input type="checkbox"/> | N/A | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | N/A |
| On-farm Roads | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | N/A | N/A | <input type="checkbox"/> | N/A |
| Perception | <input type="checkbox"/> | <input type="checkbox"/> | N/A | N/A | N/A | N/A | N/A |

Print My Report View a print version of your results, questions, and answers.

Take a survey Did you find this tool useful? Help us improve by taking a short survey.

Select a new species and start over
(Note your save URL on the right or you will lose this session)

Saved Session Information:

If you wish to retrieve your session at a later time, copy the following URL:

<http://naqsat.tamu.edu/beef?key=7ebe66a9>

Create a bookmark to this page in your browser

Your session will be kept in our system until 5/25/2016.

nsion

Able to drastically alter perception with vegetation and cleaning tires.

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| Perception | | | N/A | N/A | N/A | N/A | N/A |



Altered feed and water simply by managing dust at processing

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| Perception | | | N/A | N/A | N/A | N/A | N/A |



Feed Mixing (dry stover)



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Incremental Increase when feed additive and metabolizable protein are considered.

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