



A Model To Evaluate Feedlot Placement

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Using Data in a Spatial Context To Answer an Economic Question



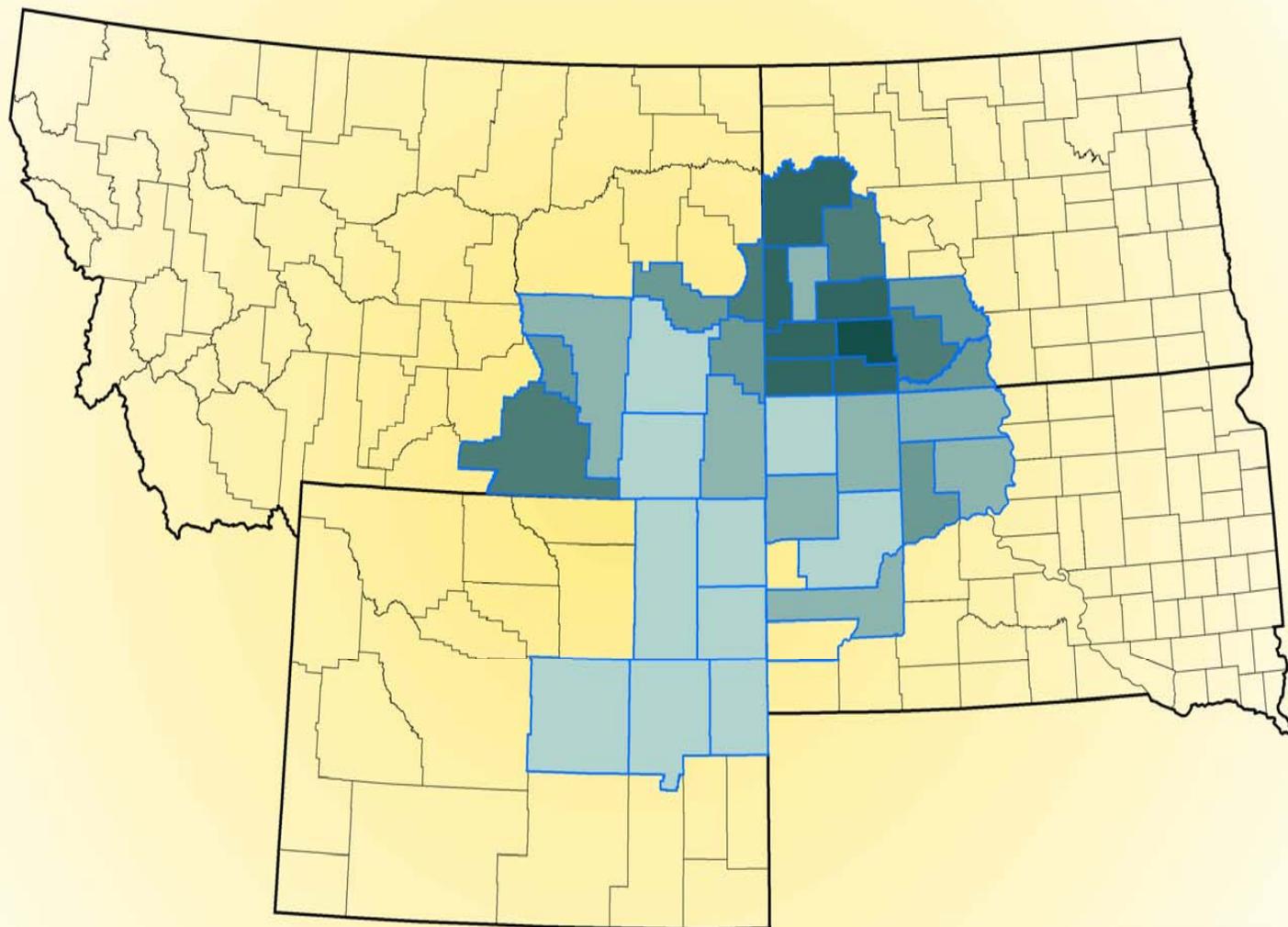
Who May Be Interested?

- Owners or potential owners
- Bankers
- Investors
- Communities
- Economic development professionals

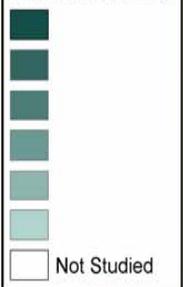


Model Evaluated

- Potential feed availability
- Location of major highway routes
- Location of veterinarians
- Location of towns large than 500
- Location of livestock auction facilities
- Location of ethanol plants



**Feed Available
Pounds of Feed**



Studied_Counties

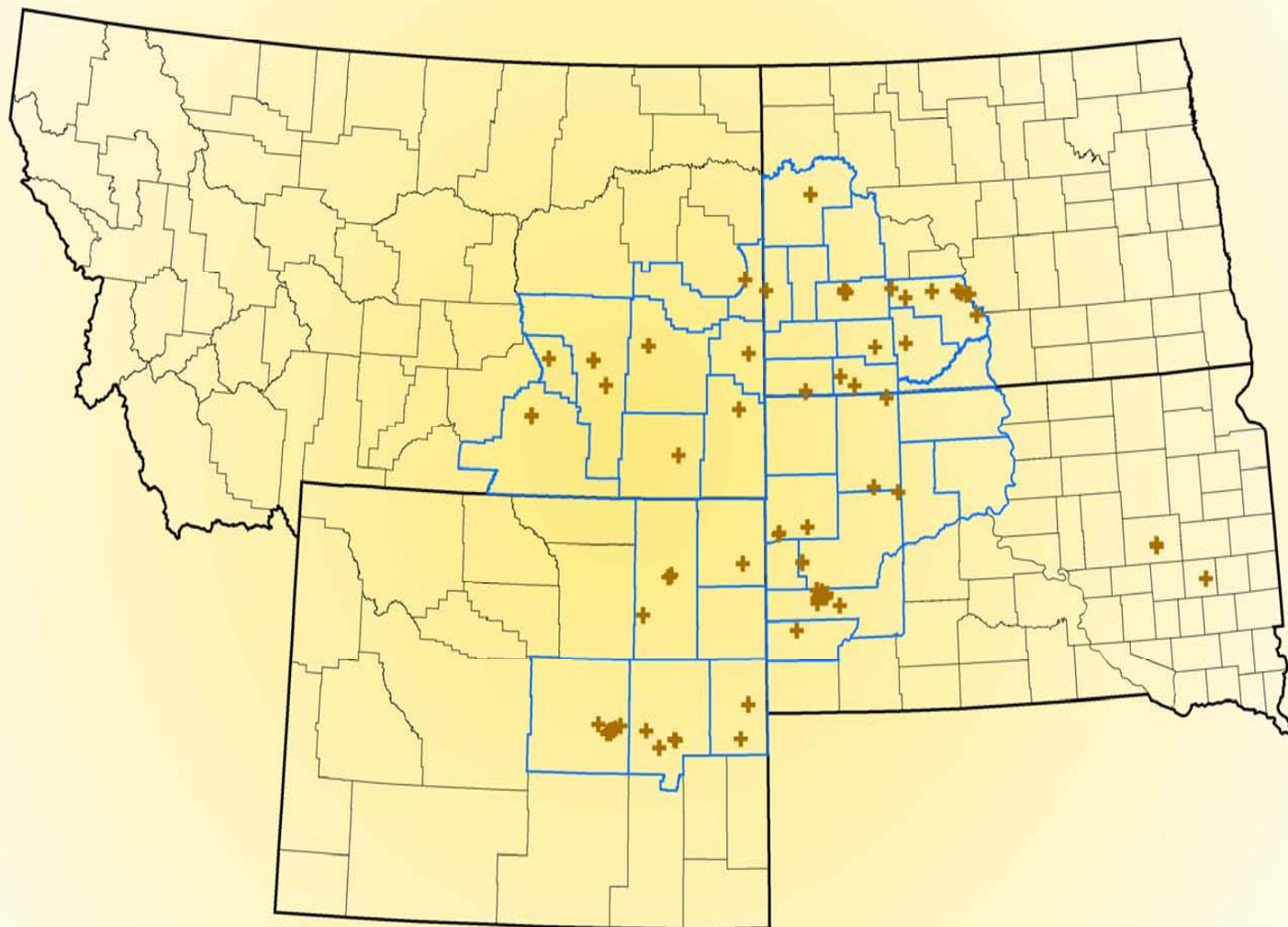


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Data Source:
See Literature Cited

NAD 83
UTM Zone 13



+ Veterinarian Locations

Studied_Counties



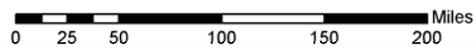
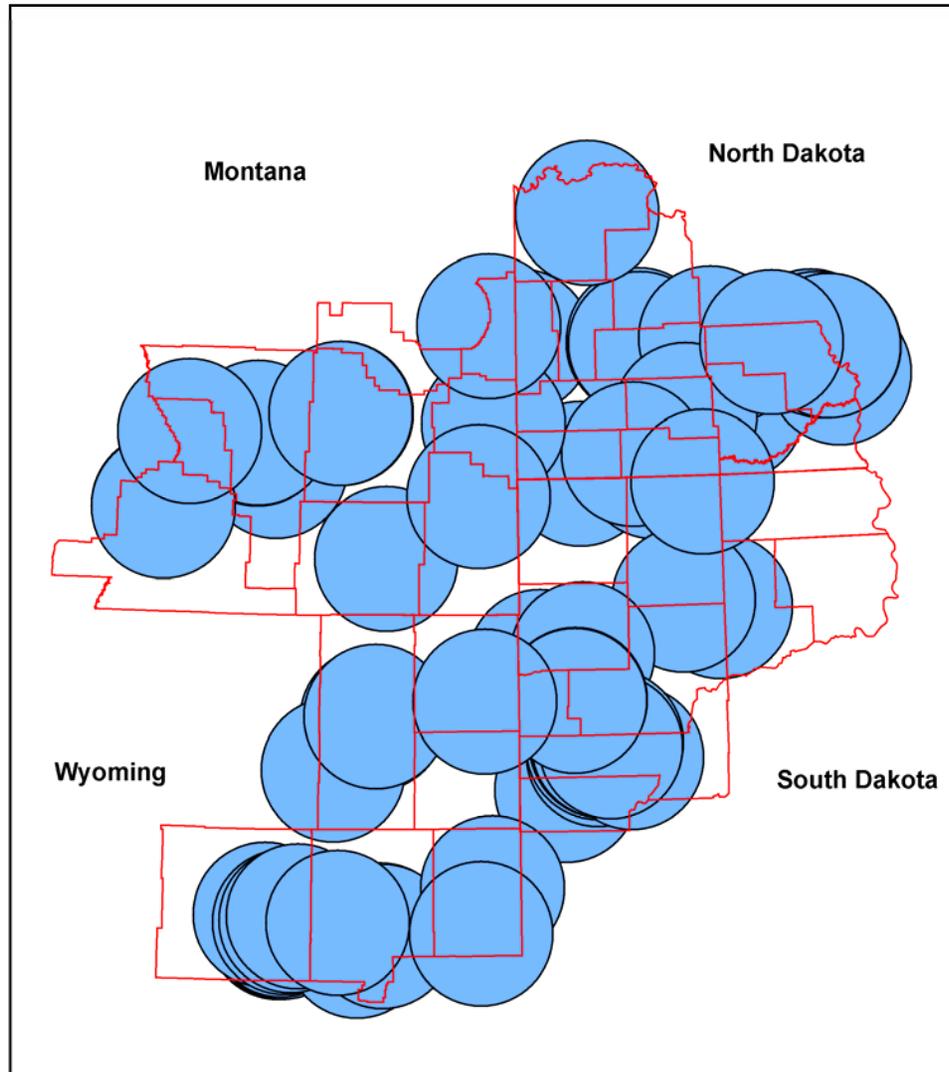
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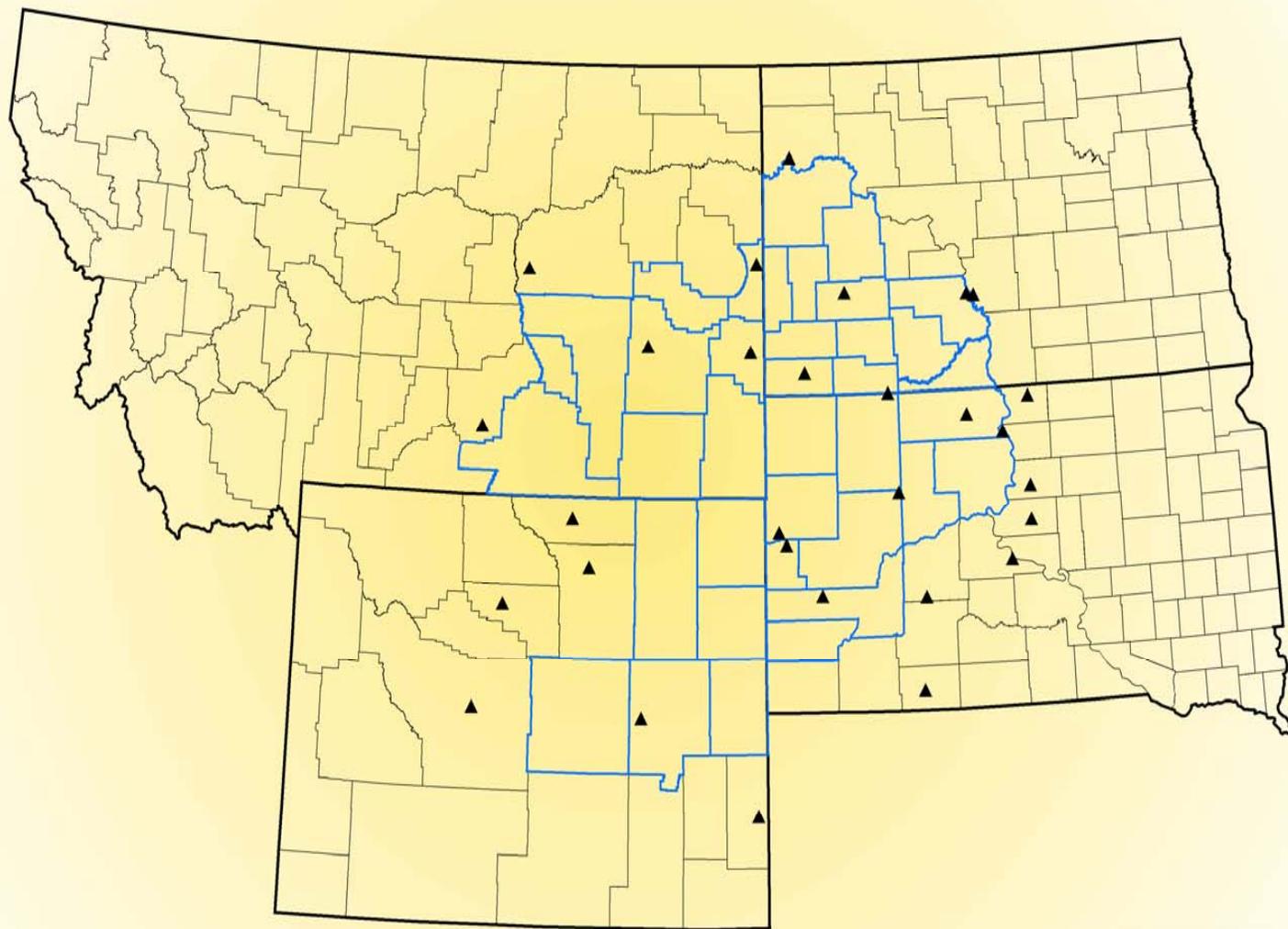


Data Source:
See Literature Cited

NAD 83
UTM Zone 13

Vet Locations with 35 Mile Buffer





▲ Sale Barns

▭ Studied_Counties

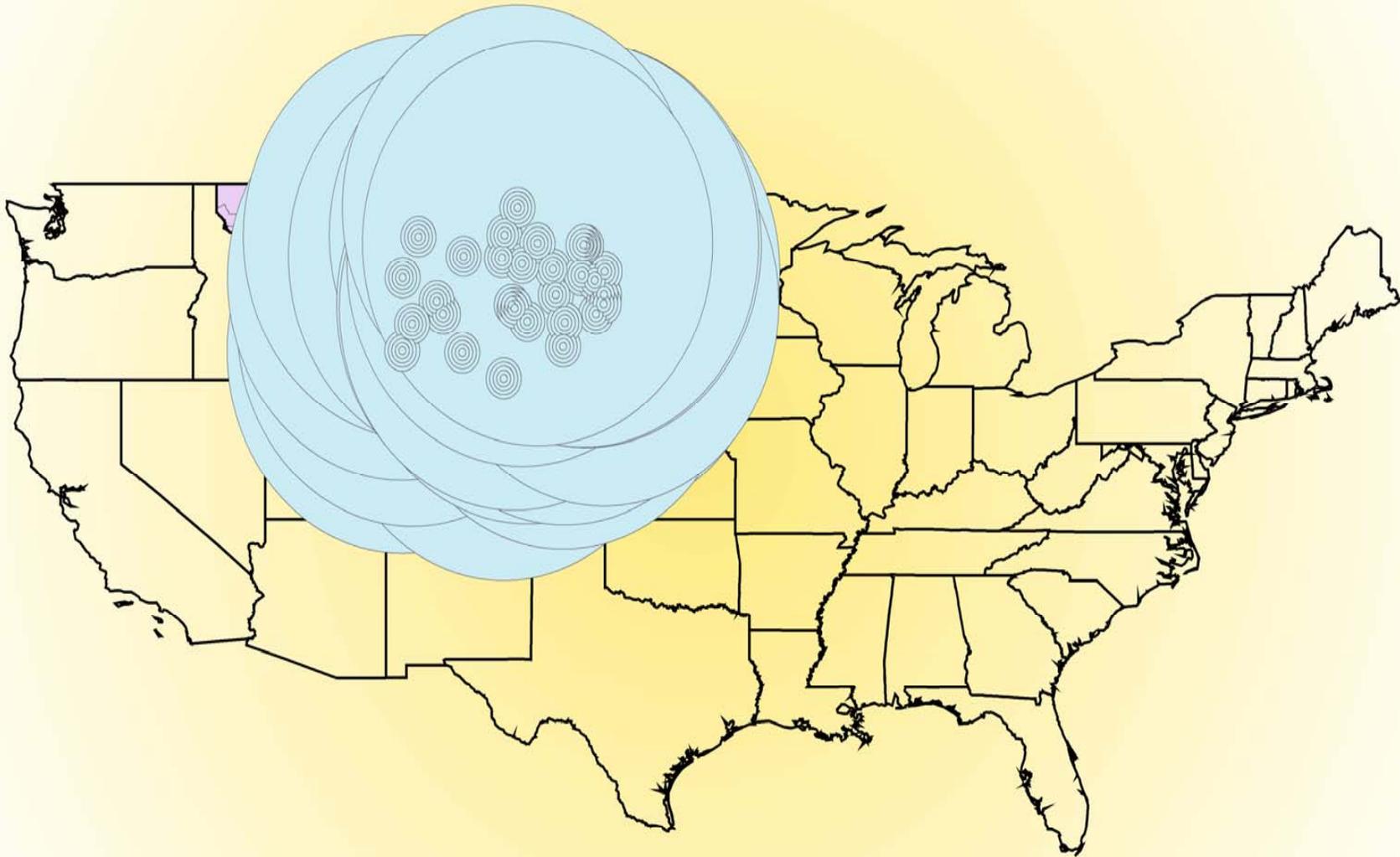


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0 62.5 125 250 375 500 Miles

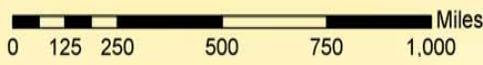
Data Source:
See Literature Cited

NAD 83
UTM Zone 13



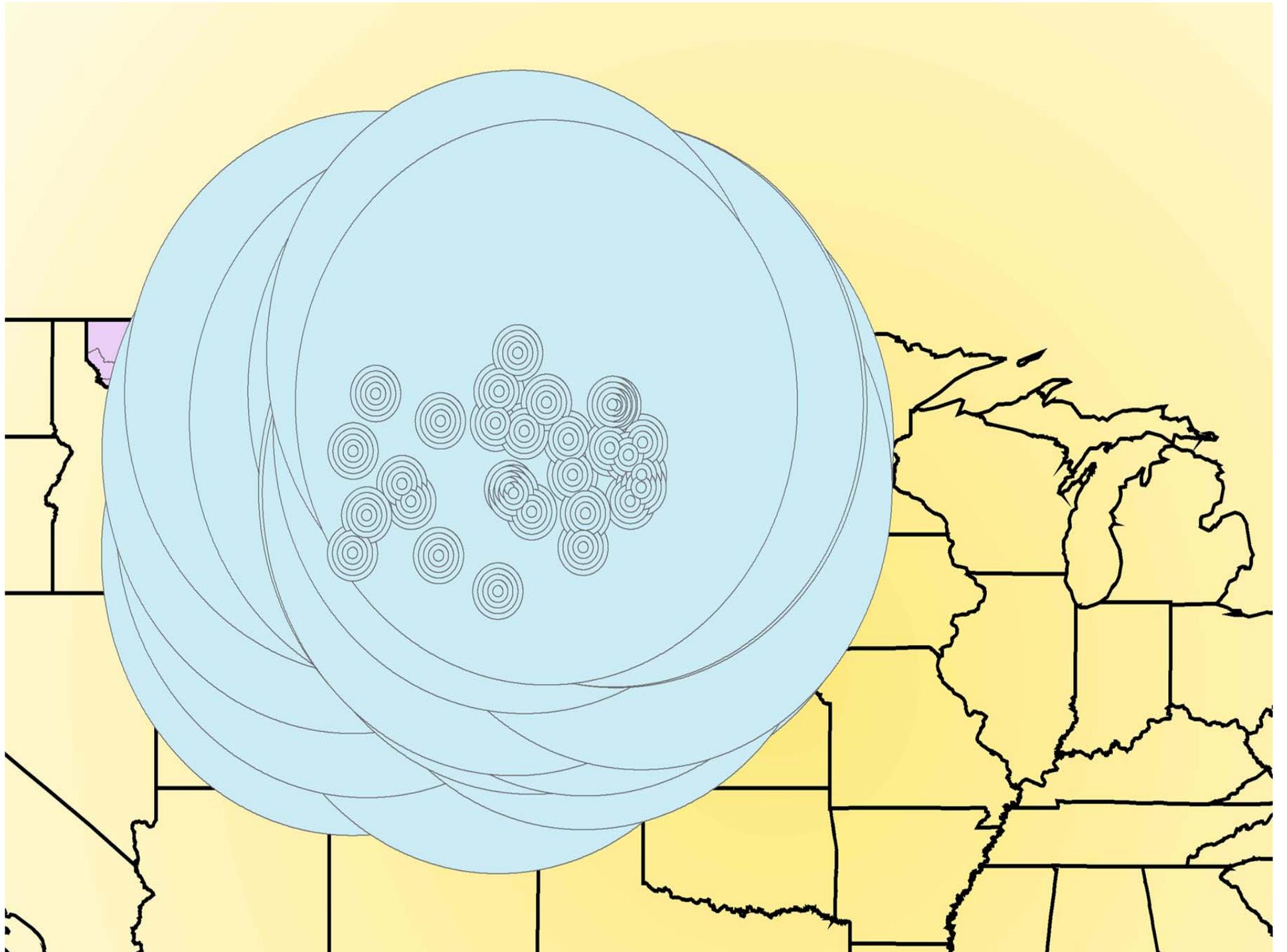
 Sale Barn Buffer

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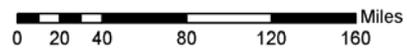
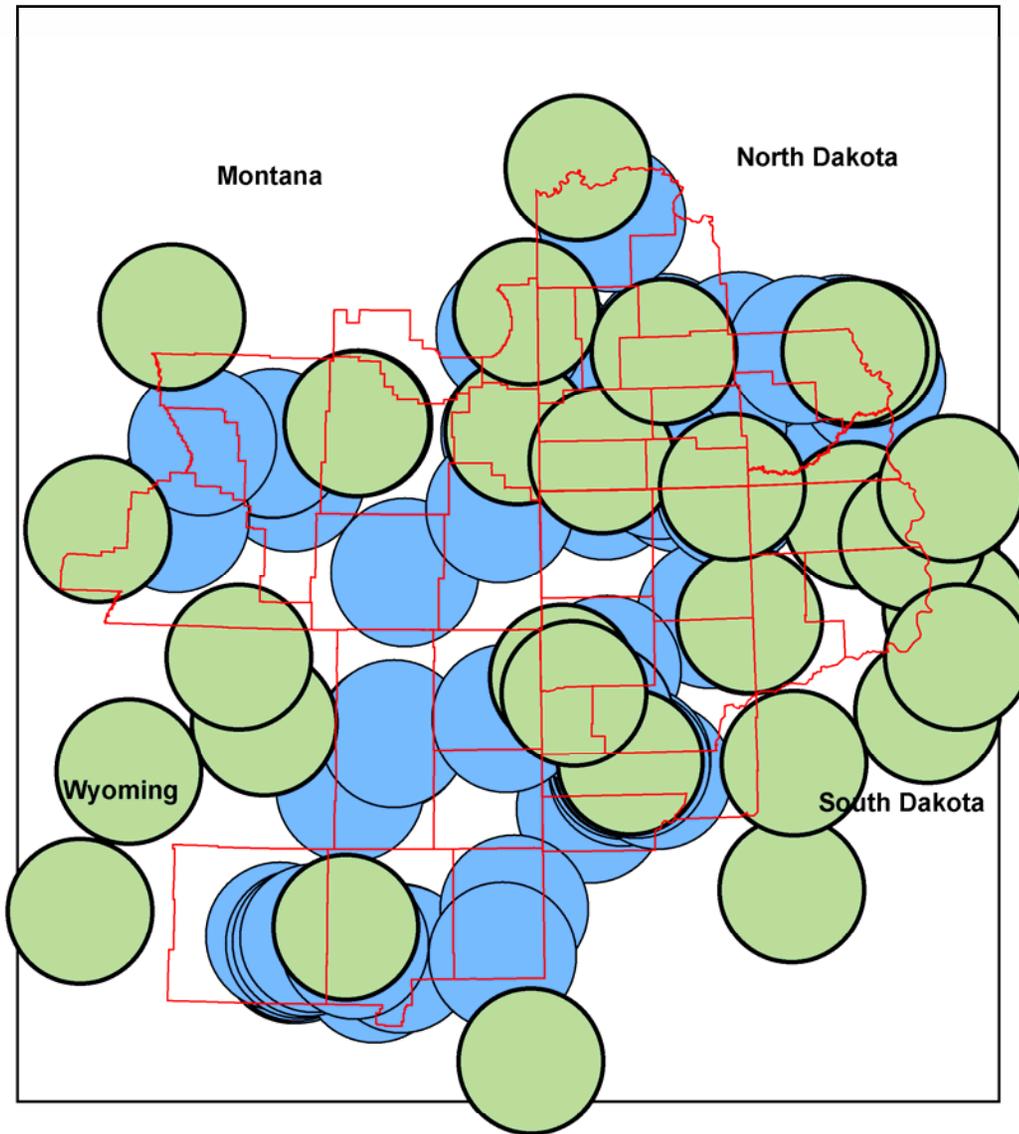


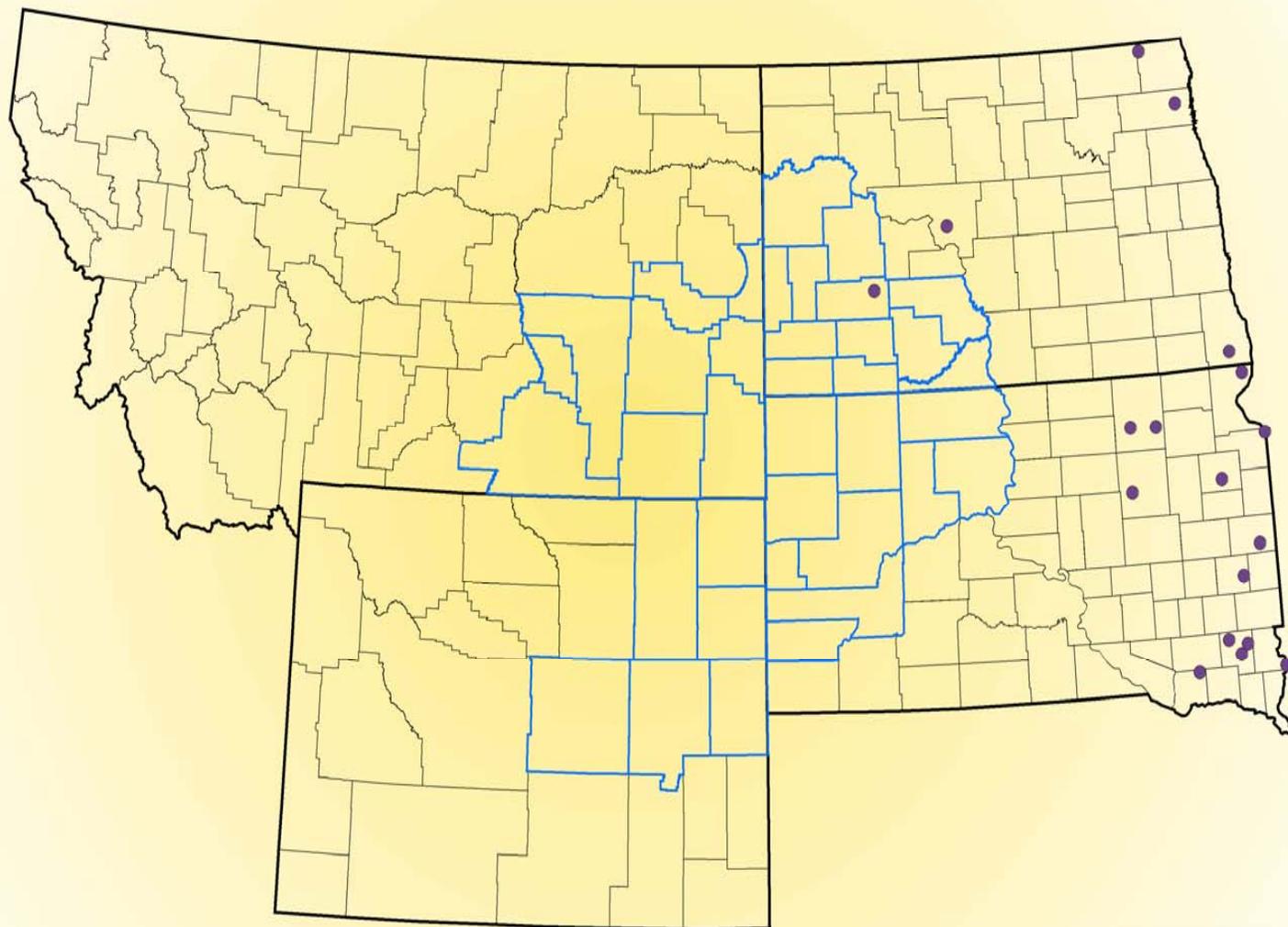
CGS_WGS_1984
UTM Zone 13





Sale Barn & Veterinarian Locations with 35 Mile Buffer





● Ethanol Plants

▭ Studied_Counties

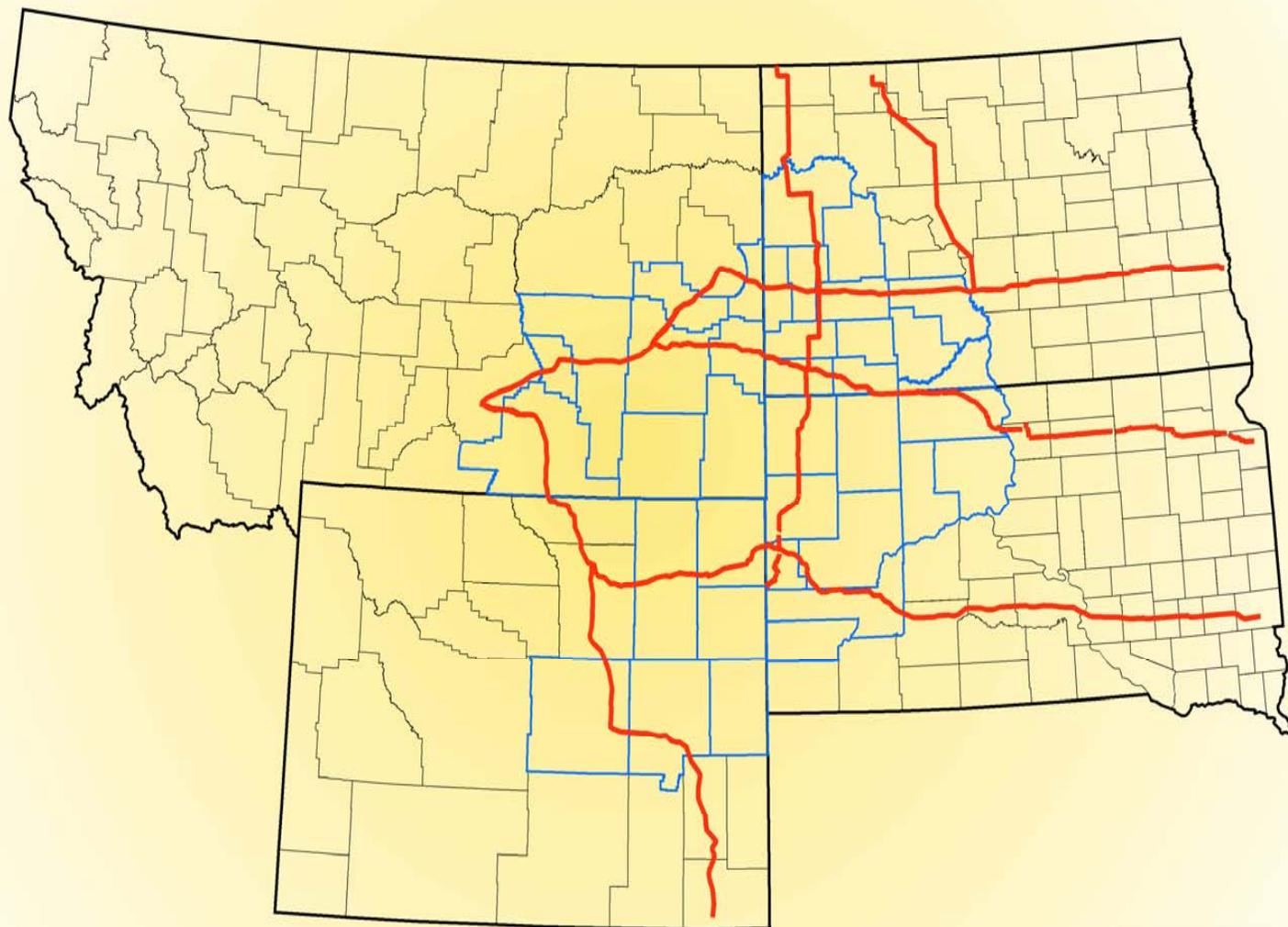


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Data Source:
See Literature Cited

NAD 83
UTM Zone 13



Major Roads

Studied_Counties

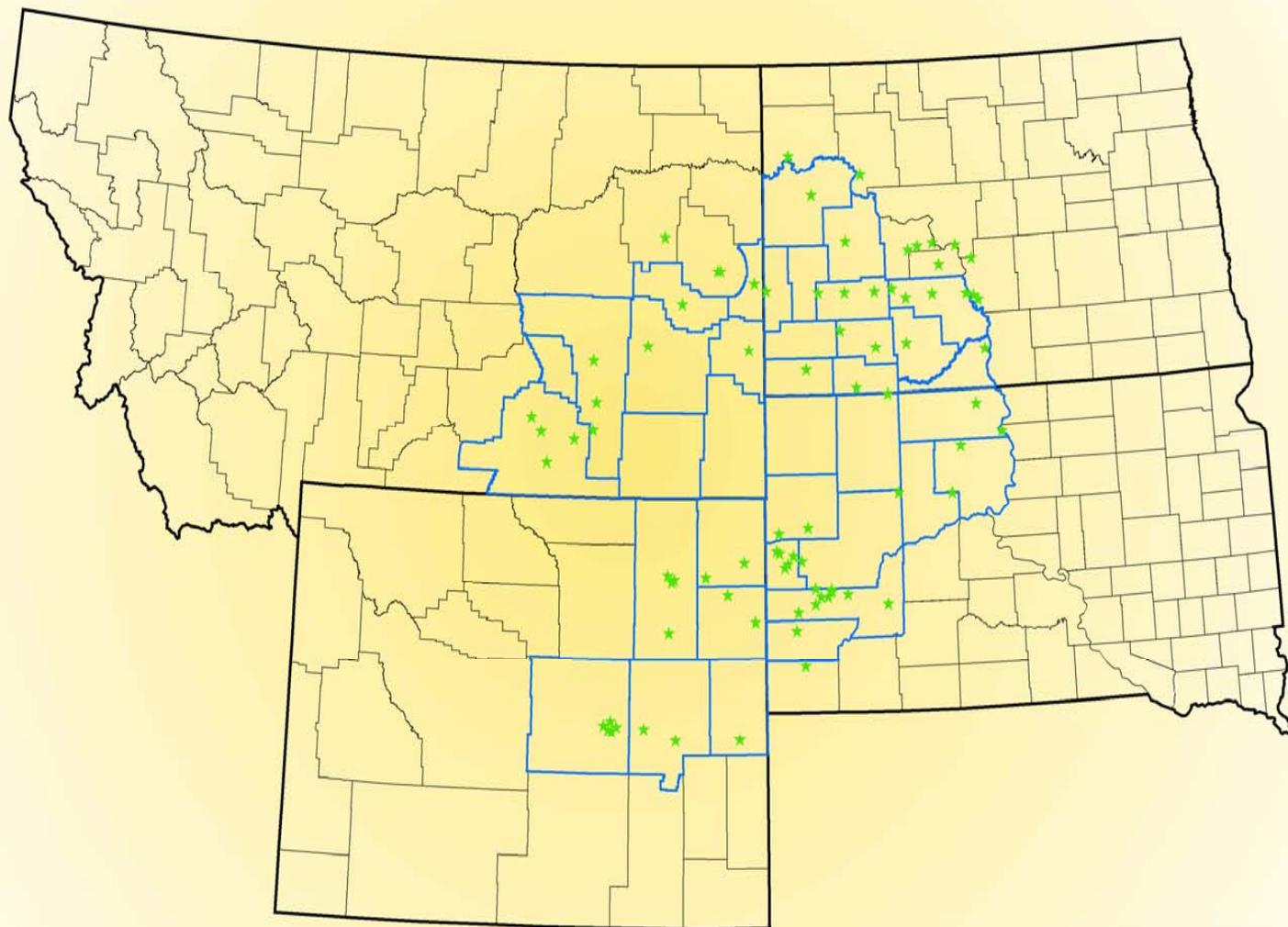


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Data Source:
See Literature Cited

NAD 83
UTM Zone 13



★ Towns(Population>500)

▭ Studied_Counties



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Data Source:
See Literature Cited

NAD 83
UTM Zone 13

Potential Locations for Feedlot Placement

Based on Distance to Potential Feed, Major Roads, Veterinarians, Towns, Sale Barns, Ethanol Plants

