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### USDA-ARS Subsurface Applicators

 Developed by Dr. Tom Way NSDL Auburn, Alabama	 Developed by Dr. Dan Pote DBSFRC Booneville, Arkansas
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### How it works:

- Pulverized litter (internal patented mechanism) is delivered to the injector.
- Opening discs open slot.
- Closing wheels seal the soil surface.
- Can be adjusted to meet a variety of rates.
- Greater accuracy and precision across a range of rates.



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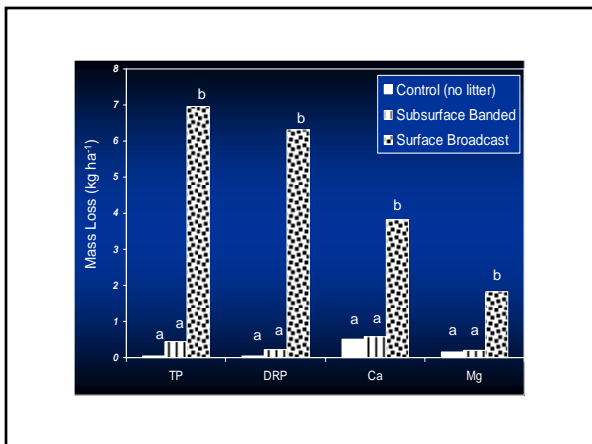
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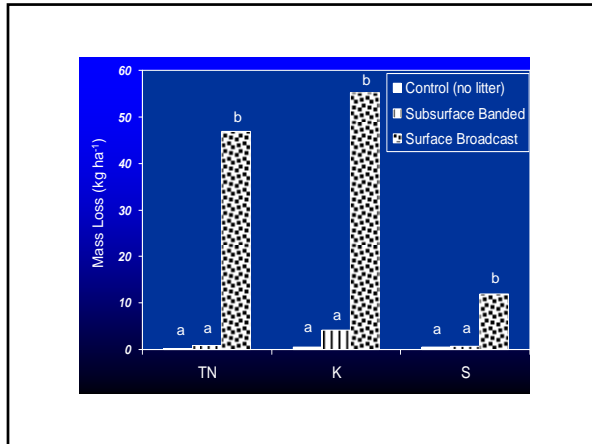
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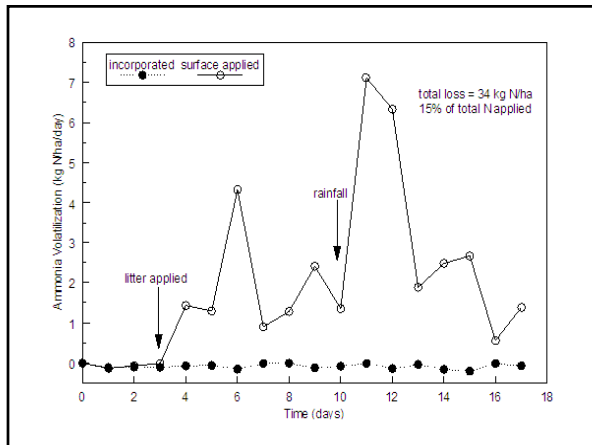
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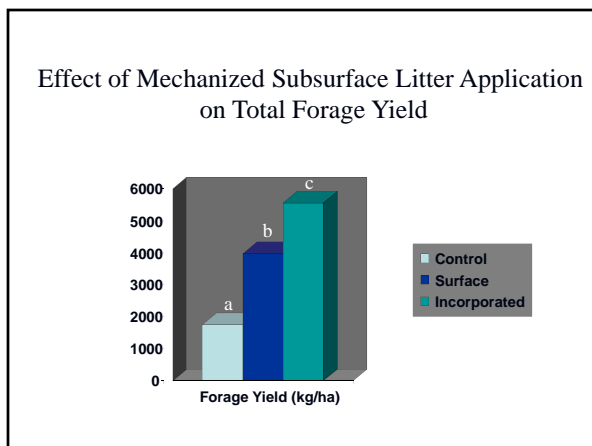
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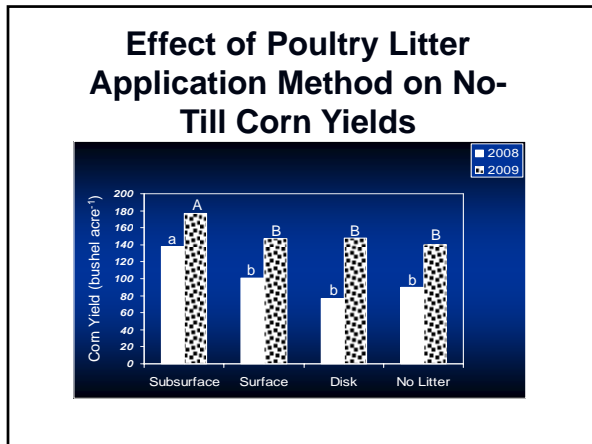
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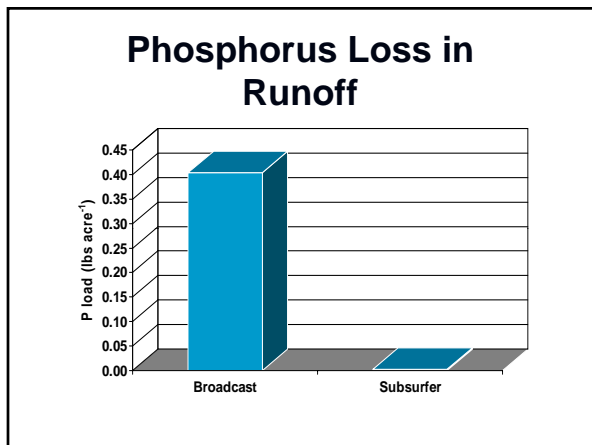
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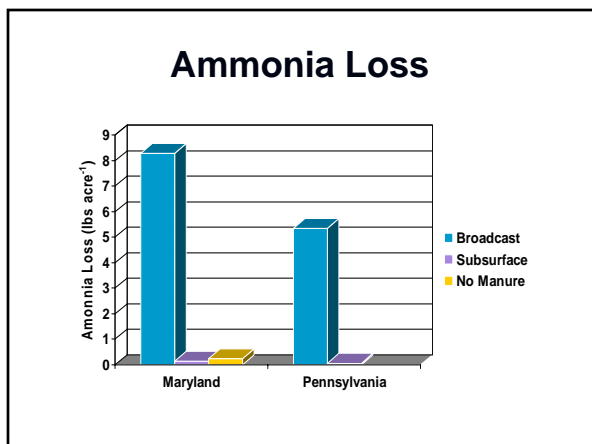
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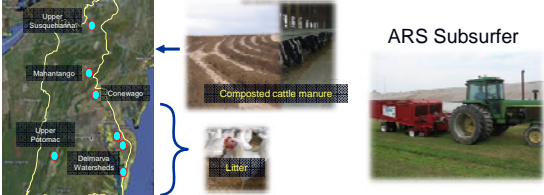
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**Adapt ARS's "Subsurfer" to the conditions of the Chesapeake Watershed**  
*USDA-ARS, Penn State, Univ. Delaware, Univ. Maryland, Univ. Maryland Eastern Shore, Virginia Tech, Cornell, Baron & Bros. Int.*  
*Funded by NFWF*



**ARS Subsurfer**

Build 5 Subsurfers (PA, NY, VA, MD/DE)  
1. Assess agronomic/environ. performance  
2. Engineering revisions by BBI Inc.

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