

\$ Dollars \$

Drive

Decisions

One Ounce of Grass

1 oz. = 1 bite for a cow

1 oz. per square yard adds

193,600 lbs per section OR

302.5 lbs per acre

\$55.8 million to Kansas

Research shows that a dry soil without mulch or ground cover does not absorb rainfall readily.

- Soil Cover

- Bare
- Fair (35%), 3 – 4" growth
- Good (60% - 75%), 6 – 10" growth

- Infiltration

- 5% - 25%
- 35%
- 98%

Livestock Attractants

Water

Feeding Areas

Salt/Mineral

**Cattle in adjacent
pastures**

Shade

Wind Protection (winter)

**patches of highly
palatable forage**

Hilltops in wind (summer)

**Small Problems?
Small Fixes
Impact?**

















Range Cattle Prefer Water Sources in This Order

- 1. Tank water from well or spring**
- 2. Tank water from fenced pond**
- 3. Pond (unfenced)**
- 4. Pool in Stream**
- 5. A Flowing Stream**

Results of Alternate Water in pasture with a stream

Drinking from Stream	- 81%
Loafing at Stream	- 59%
Sedimentation	- 77%
Suspended Solids	- 96%
Nitrogen	- 56%
Phosphorus	-98%

studies in VA, NC, OR





Poor Salt Placement !





**Small Problems?
Small Fixes
Impact?**















Jeff Davidson

jdavidso@ksu.edu

620-583-4437



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forLife*