\$ 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%), 610" growth

Infiltration

$$-35\%$$

$$-98\%$$



Livestock Attractants

Water Feeding Areas

Salt/Mineral Cattle in adjacent pastures

Shade

Wind Protection (winter)

Hilltops in wind (summer)

patches of highly palatable forage















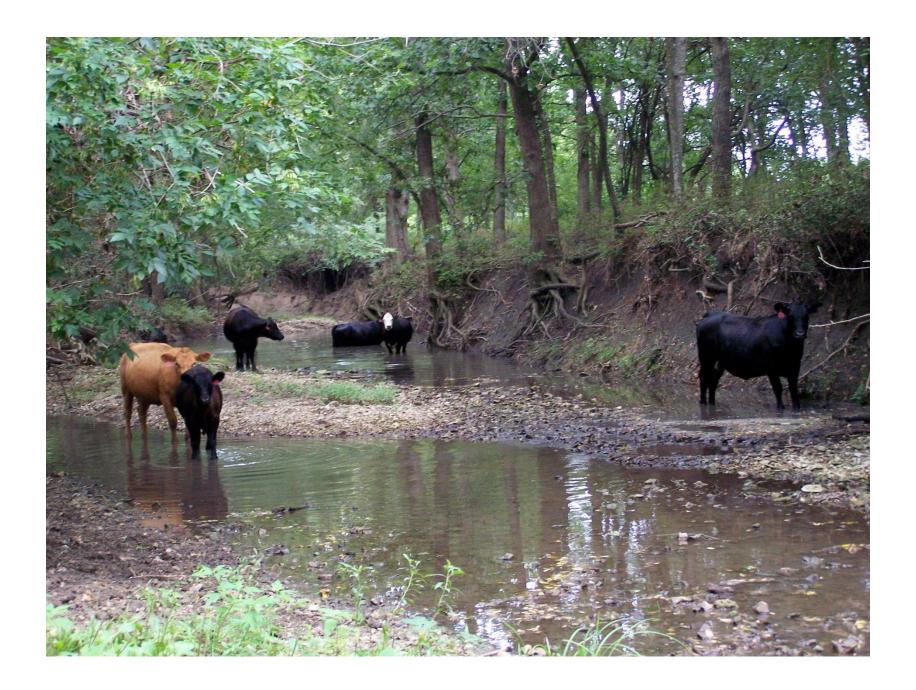


Range Cattle Prefer Water Sources in This Order

- 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!

