

# Actions In Agriculture



## Our Hope:

We want to work with the South Dakota agricultural community to find solutions that protect our environment and natural resources. And to develop South Dakota agriculture as the cleanest & most sustainable in the nation which maintains our natural resources of healthy soil and clean water for generations!

## What You Can Do:

- 1) Remove all access for cattle to streams and rivers which removes livestock wastes and prevents bank and soil erosion.
- 2) Install alternate water sources for livestock so animals are healthier and gain market weight quicker, with lower input costs.
- 3) Along all waterways leave 50 to 120' of a vegetated riparian buffer strip to prevent runoff and reduce and filter chemicals from entering waterways.
- 4) Leave natural wetlands in place to retain natural drainage.
- 5) Replace conventional tillage with no-till and limited till cultivation for healthier soils, more rainfall retention, and reduced soil erosion.
- 6) Use cover crops to cover soil, prevent erosion of bare ground, improve soil quality, and permeability.
- 7) Practice rotational cropping to reduce insect pests and improve soil health.
- 8) Practice intensive rotational grazing of pastures and croplands to allow restoration of grasses and forage and reduce runoff.
- 9) Install grass waterways to prevent soil runoff and preserve soil on site.
- 10) Practice contour cultivation to reduce soil erosion.
- 11) Where needed, install terraces to hold and slow rainfall and prevent soil erosion.
- 12) Utilize precision fertilization methods to limit chemical applications and reduce runoff.
- 13) Drain tiling of fields should not be practiced as it increases nitrate runoff into streams

## Why it Matters:

We believe with appropriate land management practices, we can protect our agricultural traditions while providing critical on-the-ground conservation for the betterment of the current and future generations.

Learn more at [fbsr.org/rural](https://fbsr.org/rural)

The best way you can support our work for a cleaner Big Sioux River for everyone is to donate.

Visit [fbsr.org/donate](https://fbsr.org/donate) to contribute.

