

Crop Management Diagnostic Clinics

Durso

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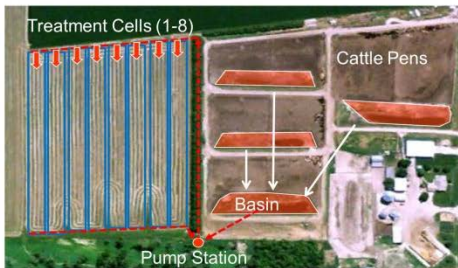
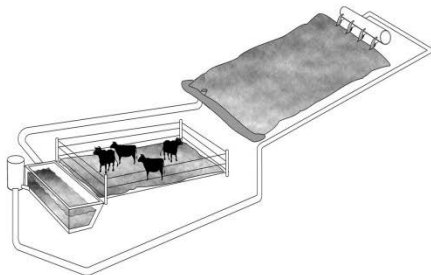
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Vegetative Treatment Systems

Using feedlot runoff as fertilizer



The Vegetative Treatment System effectively reduces the concentration of manure-associated bacteria in the soil over time.

If properly managed, 100% of fecal indicators and pathogens can be prevented from entering surface waters.



2013CMDC-Durso (1)



Runoff from feedlot pens is collected in one of four sediment basins and piped to a pump station by gravity.



Only one treatment area is used at a time.



Application of runoff to field.



Collection of overflow.



Pump Station: Flow onto vegetative area and return flow is measured.



Soil and runoff samples were analyzed for nutrients and microbes.



2013CMDC-Durso (2)