LAND TREATMENT PRACTICES

Land Treatment Practices Overview

Land treatment practices are to be applied to fields to limit the potential for runoff or other hazardous incidents from occurring due to land application of manure. As part of this element of the CNMP, the RUSLE2 program was run for each of the fields indicated in the plan. The results of RUSLE2 are outlined in the following RUSLE2 reports.

Current Management Practices for Fields in CNMP

The cropland utilized in this CNMP will be in a corn-soybean rotation or permanent grass hay. Manure is applied to the hay fields via irrigation. All manure applied to hay fields comes from the large holding ponds that have low nutrient analysis. Manure applied to cropped fields are applied via injection. All fields were run using RUSLE2 as outlined below. More comprehensive RUSLE2 reports can also be found in the printed reports on the following pages.

Fields	Soil Type	Crop	Yield Goal (bu or t/ac)	Soil Loss T	RUSLE2 Soil Loss
Around Buildings	214C2 Hosmer silt loam, 5-10% slopes, eroded	Grass Hay	7 Ton/Acre	4.0	***.54***
	8108A Bonnie silt loam, 0-2% slopes, occasionally flooded	Grass Hay	7 Ton/Acre	5.0	***.16***
North 3	214D2 Hosmer silt loam, 10-18% sloes, eroded	Grass Hay	7 Ton/Acre	4.0	***.18***
	8382A Belknap silt loam, 0-2% slopes, occasionally flooded	Grass Hay	7 Ton/Acre	5.0	***.13***
Pugs Farm	8382A Belknap silt loam, 0-2% slopes, occasionally flooded	Corn-Beans	200-60	5.0	***2.2***
Darrell Home	8108A Bonnie silt loam, 0-2% slopes, occasionally flooded	Corn-Beans	200-60	5.0	***2.4***
	8382A Belknap silt loam, 0-2% slopes, occasionally flooded	Corn-Beans	200-60	5.0	***2.2***
Karen/ Korte	7462A Sciotoville silt loam, 0-2% slopes, rarely flooded	Corn-Beans	200-60	4.0	***2.1***
Quint	7460A Ginat silt loam, 0-2% slopes, rarely flooded	Corn-Beans	200-60	4.0	***2.4***
	7462A Sciotoville silt loam, 0-2% slopes, rarely flooded	Corn-Beans	200-60	4.0	***2.1***
	8422A+ Cape silt loam, overwash, 0-2% slopes, occasionally flooded	Corn-Beans	200-60	5.0	***2.4***
	8109A Raccoon silt loam, 0-2% slopes, occasionally flooded	Corn-Beans	200-60	3.0	***2.0***

All fields meet T with current management & rotations