

Soil and Slope Restriction Coding for NRCS 590 Restriction Maps

****Data was exported from NASIS, not from the Soil Data Mart, and is to be used for general information only, field verification is still necessary****

Soil Restriction Coding:

p = drained hydrologic group A for any major component Group A soils are soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

r = representative value of depth to bedrock (lithic or paralithic) is 20 inches or less

w = apparent water table is at 12 inches or less anytime of the year, or poorly or very poorly drained with apparent water table

+ = indicates the map unit may have any of the restrictions, however an on-site investigation is needed to identify which restrictions may actually be present

If any of the above codes are present, spreading is restricted.

Soils without an entry in the restrictions column are less likely to have NRCS590 restrictions.

Slope Restriction Coding:

****Note that the letters used below for restriction coding do not correlate with the slope class given in the soil map unit****

A = the highest slope value for all major components of a mapunit is less than or equal to 9%, **spreading allowed (no map coloration for these soils)**

C = the lowest slope value for all major components of a mapunit is greater than or equal to 12%, **no spreading (red coloration for these soils)**

D = the lowest value is less than 9% and the highest is greater than 9% but less than or equal to 12%, **can spread on flatter parts of the map unit, but only manure on contoured slopes on the steeper portions (pink coloration for these soils)**

E = the lowest value is greater than or equal to 9% but less than 12% and the highest value is greater than 12%, **no spreading on steeper parts of the map unit, but can spread manure on contoured slopes on the less rolling parts (pink coloration for these soils)**

F = the lowest value is less than 9% and the highest is greater than 12%, **spreading allowed on level parts of the map unit, only manure on contoured slopes on more rolling parts, and no spreading on steeper areas (pink coloration for these soils)**