

Connecticut Guidelines for rock cover when a field estimate is not available

RUSLE2 uses the K_f soil erodibility factor (< 2mm portion of soil).

If surface rock fragments are present and not entered, erosion is over predicted.

RUSLE2 rock fragments are defined as those greater than 3/8 of an inch in size (10mm and larger).

The following are guidelines to use, if the surface rock fragment cover is not measured in the field.

Surface Soil Texture Modifier or Map Unit Phase	Rock Fragment Content Range (%)	Amount to use if no field measurement (%)¹
Texture Modifier Not Listed	0-15	3
channery, cobbly, gravelly	15-35	15
very channery, very cobbly, very gravelly	35-60	35
very stony	--	2
extremely stony	--	9

¹ Enter this number in the cell "Rock cover, %" found in step 4c of the RUSLE2 program