

PLAN VIEW

Kansas Revised Universal Soil Loss Equation 2 (RUSLE2)

Training Exercise 8

Task: Using the *Plan View*, calculate soil loss on two fields. On each field, develop three alternative management systems.

Step-By-Step Procedure:

1. Locate and click on the icon for *Plan* on the icon bar near top of RUSLE2 screen.
2. Double click on the *Train Default* record. You are now in the *Plan* screen.
3. Input owner name: *Joe Schmoe*
4. Enter the general information about the plan in the *Info Box*.
5. Click the drop-down arrow in the box for *Location*.
6. Double click the *KSArea5* folder.
7. Double click *Allen County*.
8. Click the *Save As* icon at top of RUSLE2 screen. Name this *Joe Schmoe Plan*.
9. Right click on *Worksheet*. In the pop-up box, click on Load from file.
10. Double click on the record *Joe*.
11. Click the **+** button under *Field* on left side of screen. A 2nd worksheet line appears.
12. Click the **yellow tab** for the worksheet on line 2.
13. Enter **2** in the box for *Field Name* near top of worksheet screen.
14. Click the drop-down arrow in the box for *Soil*.
15. Move the cursor to map unit *Ks Area 5\Allen\001EC ERAM SILTY CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED\ERAM SILTY CLAY LOAM 90%* and select unit component *LESHO clay loam 100%*.
16. Enter slope length of **250**, and average slope steepness of **.5**.
17. Enter the details of profile in the description.
18. Close the worksheet screen by clicking the **X** in upper-right corner.
19. Re-save this Plan, *Joe Schmoe Plan*.

Calculate - Soil loss for conservation planning alternatives.

Alternative 1, Conventional Tillage; alternative 2, No-Till; alternative 3, Conventional Tillage with Level Terraces.

Field 1, alternative 1: _____ t/a/y

Field 2, alternative 1: _____ t/a/y

Field 1, alternative 2: _____ t/a/y

Field 2, alternative 2: _____ t/a/y

Field 1, alternative 3: _____ t/a/y

Field 2, alternative 3: _____ t/a/y