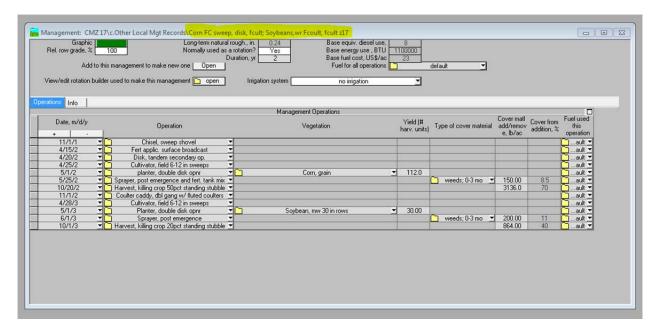
Abbreviations in RUSLE2 File Names

File names in RUSLE2 are limited to a set number of characters -256 or less for the entire file name. Abbreviations have been created to reduce the number of characters required to create an understandable file name. Additionally, files names are created in an organized manner listing operations and crops in order of occurrence in the rotation.

The RUSLE2 crop year starts immediately after the "harvest" of the previous crop and includes all of the operations that are completed to prepare the seedbed, plant, fertilize, control pests, and harvest operations; the most important operations are those that contact the soil. In the example file name shown below, the first crop to be planted is corn. All tillage since the last harvest operation to plant the corn crop is listed in the name. The second crop to be planted is soybeans with a listing of all of the tillage operations since harvest of the corn crop. The end of the file name will have a z16 or z17 statement to show where the file is to be used (CMZ16 – North Missouri; CMZ17 – South Missouri).

Example Crop Management File Name: <u>Corn, FC sweep, disk, fcult; Soybean, wr, Fcoult, fcult, z17</u>



File Description: A Corn and Soybean rotation (2-year rotation) where corn for grain production is planted into soybean stubble that has been fall chiseled with sweep shovels, spring tandem disked, and spring field cultivated prior to planting; soybeans are planted wide row (30 inch rows) into corn stalks that have been fall tilled with a double ganged coulter cart and spring field cultivated prior to planting. This file is created to work for Crop Management Zone 17 (South Missouri).

Common Abbreviations in RUSLE2 Management File Names

3X – 3 years of the same annual or perennial crop; may also see 2X, 4X or 5X

Anhyd or NH₃ - Anhydrous ammonia application

CG - Corn grown for a grain crop

CS - Corn grown for a silage crop

DC – Double crop planted following the primary crop

Fcoult - Fall coulter cart operation

FC st pt – Fall Chisel operation with straight points

FC sweep - Fall Chisel operation with sweep points

FC twist - Fall Chisel operation with twisted points

Fdisk - Fall disking operation

Ffcult – Fall field cultivator operation

FP – Fall moldboard plow operation

NR or nr - Narrow row planting usually a drilled crop on 7 to 10 spacing

NT – No tillage operations from harvest to planting

NT anhyd - No tillage with anhydrous ammonia application

RT - Ridge tillage operations

SB - Soybeans

SBD – soybeans planted with a drill

Scoult – Spring coulter cart operation

SC st pt – Spring Chisel operation with straight points

SC sweep – Spring Chisel operation with sweep points

SC twist – Spring Chisel operation with twisted points

Sdisk – Spring disking operation

Sfcult – Spring field cultivator operation

SP – Spring moldboard plow operation

SR or sr – split row planting generally 15-inch row spacing

ST – Strip tillage operations

VT – Vertical tillage operation

WR or wr - Wide row planting generally more than 18-inch row spacing

WW - Winter wheat

z16 - Crop Management Zone 16 (CMZ16) representing northern Missouri

z17 - Crop Management Zone 17 (CMZ17) representing southern Missouri

Common Abbreviations in Operations Files:

Anhyd – anhydrous ammonia (NH₃)

Applic. – application or applicator

Dollor dble – double disk

BFM – bonded fiber matrix Dist. or disturb. – disturbance

Bskt – basket Dsk – disk

C – central Fert. – fertilizer

Chpr – chopper Fld – field Corr – corrugated Ft – feet

Coult – coulter Har – harrow
Cult – cultivator Ht. – height

Hvy - Heavy In or in. - inches Lig. – liquid Mgr. - manager Mlch - mulch Op. – operation

Opnrs or opnr- openers PAM – polyacrylamide

Pct – percent

Plcmt or placmnt - placement

Press. – pressure Rlng - rolling Res. - residue

Rtry - rotary Shnk - shank Sngl - single Spac. – spacing Spk – spike

St. pts or st.pt. – straight points

Stlk - stalk **Surf** – **surface** Trdr - treader

Twst. Pts – twisted points

Veg. or veg – vegetables or vegetation

W/ - with

Common Abbreviations in Vegetation Files:

Ann. – annual AR – Arkansas Aug – August Betw - between Bimass - biomass

C – central Cov – cover Ft – feet

Grwth - growth Harv – harvest

Hi - high

HI PROD - high production

In – inch

Interseed - interseeded Mech - mechanical Mkt - market Mo - month

Mw - Midwest Nurs - nursery Oct - October

Per or peren.- perennial Perm or perm. – permanent

Pl – plant or planting **Prod** – **production**

Rt - root

Senes, sens, or senesc – senescence

Sept – September Sm or sm. - small Spac - spacing **Spr** – **spring**

Var or var. - variety

W/ - with Yr or y – year 1 st – first