

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, file 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: Corn, FC sweep, disk, fcult; Soybean, wr, Fcult, fcult, z17

The screenshot shows the 'Management Operations' window in RUSLE2. The title bar indicates the file name: 'Management: CMZ17\c.Other Local Mgt Records\Corn FC sweep, disk, fcult; Soybeans,wr Fcult, fcult z17'. The window contains several input fields for management parameters and a table of operations.

Date, m/d/y	Operation	Vegetation	Yield (# harv. units)	Type of cover material	Cover mat add/remov e, lb/ac	Cover from addition, %	Fuel used this operation
11/1/1	Chisel, sweep shovel						...ault
4/15/2	Fert applic. surface broadcast						...ault
4/20/2	Disk, tandem secondary op.						...ault
4/25/2	Cultivator, field 6-12 in sweeps						...ault
5/1/2	planter, double disk oprn	Corn, grain	112.0				...ault
5/25/2	Sprayer, post emergence and fert. tank mix			weeds; 0-3 mo	150.00	8.5	...ault
10/20/2	Harvest, killing crop 50pct standing stubble				3136.0	70	...ault
11/1/2	Coultter caddy, dbl gang w/ fluted coulters						...ault
4/28/3	Cultivator, field 6-12 in sweeps						...ault
5/1/3	Planter, double disk oprn	Soybean, nwr 30 in rows	30.00				...ault
6/1/3	Sprayer, post emergence			weeds; 0-3 mo	200.00	11	...ault
10/1/3	Harvest, killing crop 20pct standing stubble				864.00	40	...ault

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 coultter 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 coultter 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 coultter 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**BFM** – bonded fiber matrix**Bskt** – basket**C** – central**Chpr** – chopper**Corr** – corrugated**Coult** – coultter**Cult** – cultivator**Dbl or dble** – double**Dd** – double disk**Dist. or disturb.** – disturbance**Dsk** – disk**Fert.** – fertilizer**Fld** – field**Ft** – feet**Har** – harrow**Ht.** – height

Hvy – Heavy
 In or in. – inches
 Liq. – 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