Soil Name & Surface Texture	Land Slope*	Cumulative Avail. Water Capacity (in.) Depths (ft.) 1	2	3	4	Soil Limits*	Recommen-dations*	Suitability** Surface Irrig.	Sprinkler Irrig.	Maximum Sprinkler Application Rate (in./hr.) Net Application (in.) 0.5	1.0	2.0	3.0
LIGHTENING SIL	A	2.2	4.2	6.2	8.1	a,f,h	1,4	Fair	Fair	0.5	0.4	0.3	---
LINDLEY CL	C	1.9	3.8	5.7	7.7		3	Poor	Fair	0.6	0.4	0.3	0.3
LINDLEY L	C	2.0	3.9	5.8	7.8		3	Poor	Fair	1.7	1.1	0.6	0.4
LINEVILLE SIL	B	2.2	4.5	6.7	8.8	a,f	3,4	Fair	Fair	2.1	1.4	0.7	0.2
LINEVILLE SIL, SICL	C	2.2	4.5	6.7	8.8	a,f	3,4	Poor	Fair	2.1	1.4	0.7	0.2
LOMAX L	A	2.4	4.8	7.0	8.3			Poor	Good	8.0	5.0	3.5	3.0
LOMAX L	B	2.4	4.8	7.0	8.3		3	Fair	Fair	8.0	5.0	3.5	3.0
LOUGHBORO SIL	A	2.5	4.5	6.3	7.8	a	1,4	Fair	Fair	2.7	1.7	1.2	1.0
LULA SIL	B	2.2	4.3	6.5	8.6		3	Fair	Fair	2.3	1.5	1.1	0.9
LUTON SICL	A	2.6	4.6	6.0	7.5	a,f,h	1,4	Fair	Fair	3.4	2.0	---	---
MACEDONIA SIL	B	2.2	3.6	4.8	6.0		3	Fair	Fair	2.5	1.6	1.1	1.0
MACKSBURG SIL	B	2.6	5.2	7.4	9.7	f	3,4,5	Fair	Fair	3.6	2.1	1.4	1.1
MACKSBURG SIL	C	2.6	5.2	7.4	9.7	f	3,4,5	Poor	Fair	3.6	2.1	1.4	1.1
MANDEVILLE SIL	B	2.6	4.6	6.2		c,f	3	Fair	Fair	2.4	1.5	1.1	1.0
MANDEVILLE SIL	C	2.6	4.6	6.2		c,f	3	Poor	Fair	2.4	1.5	1.1	1.0
MARION SIL	A,B	2.8	4.3	6.0	7.9	a,f	3,4	Fair	Fair	2.5	1.6	---	---
MARSHALL SIL	B	2.6	5.1	7.4	9.7		3,5	Fair	Fair	2.4	1.5	1.1	1.0
MARSHALL SIL	C	2.6	5.1	7.4	9.7		3,5	Poor	Fair	2.4	1.5	1.1	1.0
MARTIN SICL	A	2.6	4.6	6.4	8.2	a,f	1	Good	Fair	1.0	0.6	0.4	0.1
MAYES SICL	A	2.3	4.4	6.4	8.4	a,f	1,4	Fair	Fair	0.9	0.6	0.5	---
MCGIRK SIL	B	2.7	4.5	6.2	7.9	a,f	3,4	Fair	Fair	2.5	1.6	0.6	0.1
MCGIRK SIL, SICL	C	2.7	4.5	6.2	7.9	a,f	3,4	Poor	Fair	2.5	1.6	0.6	0.1
MCPAUL SIL, VFSL	A	2.6	5.3	7.9	10.6	h	2,5	Good	Good	2.8	1.7	1.2	1.0
MELVIN SIL	A	2.4	4.8	7.2	9.6	f,h	1,4,5	Good	Good	2.5	1.6	1.1	1.0

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LAND SLOPE

A: (02%) B: (2-5%) C: (5-9%)

SOIL LIMITATIONS

a. A clayey subsoil layer with slow or very slow permeability restricts the downward movement of water within the root zone of most plants.

b. Highly alkaline subsoil will greatly reduce crop production if exposed. This may limit depth of cut in land leveling.

c. Limestone or shale within the top 48 inches of the soil profile may interfere with grade and alignment of underground conduits.

d. Subsoil may contain pockets of sand which may limit depth of cut in land leveling or may give uneven distribution of surface irrigation water.

e. Fragipan in top 30 inches of the soil profile will limit root development of most crops.

f. A seasonally high water table may restrict root development of most crops.

g. The soil surface layer has a tendency to crack prior to irrigation. Net intake is obtained in a relatively short time and very little additional intake occurs after the cracks seal.

h. An onsite evaluation is needed to determine the frequency and severity of flooding. If flooding is common during the growing season, irrigation suitability will be "Poor" unless protection is provided.

RECOMMENDATIONS

1. Land leveling and/or shallow field ditches may be needed to improve surface drainage. Cross-slope drains should be used on gently sloping areas.

2. Conservation cropping systems including residue management may be needed to control wind erosion.

3. Terraces, conservation tillage, and other conservation practices may be needed to control water erosion.

4. See MO-14-10 thru 26 for drainage recommendations and limitations.

5. Supplemental irrigation may not be needed during most years.

Soil Name & Surface Texture	Land Slope*	Cumulative Avail. Water Capacity (in.) Depths (ft.) 1	2	3	4	Soil Limits*	Recommen-dations*	Suitability** Surface Irrig.	Sprinkler Irrig.	Maximum Sprinkler Application Rate (in./hr.) Net Application (in.) 0.5	1.0	2.0	3.0
MENFRO SIL	A	2.8	5.2	7.4	9.7		5	Good	Good	2.5	1.6	1.1	1.0
MENFRO SIL	B	2.8	5.2	7.4	9.7		3,5	Fair	Fair	2.5	1.6	1.1	1.0
MENFRO SIL	C	2.8	5.2	7.4	9.7		3,5	Poor	Fair	2.5	1.6	1.1	1.0
MEXICO SIL	A,B	2.5	4.3	5.8	7.2	a,f	3,4	Fair	Fair	2.5	1.6	1.1	0.1
MIDCO CR-L	B	1.2	2.2	2.7	3.2	d,h	3	Poor	Poor	5.1	3.6	2.8	---
MINDEN SIL	B	2.6	5.2	7.5	9.8	f	3,4,5	Fair	Fair	3.7	2.2	1.4	1.2
MINNITH SIL, SICL	B,C	2.5	5.0	7.5	9.7		3,5	Fair	Fair	2.5	1.6	1.1	1.0
MODALE SIL	A	2.6	5.3	6.9	8.4	a,f,h	1,4	Fair	Fair	2.8	1.7	1.2	1.0
MONITEAU SIL, L	A,B	2.6	5.0	7.3	9.5	f,h	1,3,4,5	Fair	Fair	2.6	1.6	1.1	1.0
MOVILLE SIL	A	2.6	5.3	7.0	8.5	a,f	1,4	Fair	Fair	2.7	1.7	1.2	1.0
MULDROW SIL	A	2.4	4.6	6.7	8.7	a,f	1,4	Fair	Fair	2.3	1.5	1.1	---
MYRICK SIC	A	1.6	3.9	6.3	8.7	f,g,h	1,4	Fair	Poor	0.2	0.1	0.1	0.2
MYSTICK SIL	C	2.6	4.7	6.7	8.8	f	3	Poor	Fair	2.3	1.5	0.7	0.2
NAMEOKI SIC, SICL	A	1.8	3.5	5.3	7.2	f,g,h	1,4	Fair	Poor	---	---	---	---
NAPIER SIL	B	2.8	5.5	8.1	10.7		3,5	Fair	Fair	2.6	1.6	1.1	1.0
NEEDLEYE SIL	A	2.1	3.8	4.5	4.9	e,f	4	Fair	Fair	2.4	1.5	0.6	0.4
NEVIN SIL	A	2.6	5.3	7.6	9.8	f	1,4,5	Good	Good	3.7	2.2	1.4	1.2
NEWTONIA SIL	A	2.3	4.6	6.6	8.5			Good	Good	2.4	1.5	1.1	0.9
NEWTONIA SIL	B	2.3	4.6	6.6	8.5		3	Fair	Fair	2.4	1.5	1.1	0.9
NICHOLSON SIL	B	1.8	4.2	5.5	6.4	e,f	3,4	Fair	Fair	2.5	1.6	1.1	0.9
NODAWAY SIL	A	2.5	5.0	7.6	10.1	h	5	Good	Good	2.5	1.6	1.1	1.0
NOLIN SIL	A	2.1	4.5	6.9	9.3	h	5	Good	Good	2.4	1.5	1.1	1.0
OLMITZ L	B	2.4	4.8	7.0	8.9		3	Fair	Fair	1.4	1.0	0.8	0.8
ONAWA SIC	A	1.6	3.2	5.7	8.2	a,f,g,h	1,4	Fair	Poor	0.7	0.3	0.1	0.2

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LAND SLOPE

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SOIL LIMITATIONS

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Soil Name & Surface Texture	Land Slope*	Cumulative Avail. Water Capacity (in.) Depths (ft.) 1	2	3	4	Soil Limits*	Recommen-dations*	Suitability** Surface Irrig.	Sprinkler Irrig.	Maximum Sprinkler Application Rate (in./hr.) Net Application (in.) 0.5	1.0	2.0	3.0
ONAWA SICL	A	1.6	3.2	5.7	8.2	a,f,h	1,4	Fair	Poor	0.7	0.3	0.1	0.2
OSAGE SICL	A	2.6	4.2	5.4	6.6	a,f,h	1,4	Fair	Poor	---	---	---	---
OSAGE SIC	A	1.6	2.9	4.1	5.3	a,f,g,h	1	Fair	Poor	---	---	---	---
OSKA SICL	C	2.3	4.2	6.1	6.4	c	3	Poor	Fair	1.0	0.6	0.4	---
OTTER SIL	A	2.8	5.5	8.3	10.2	f,h	1,4,5	Good	Good	2.6	1.6	1.1	1.0
PARKVILLE SIC	A	1.4	3.5	5.9	8.1	a,f,g,h	1,4	Fair	Poor	---	---	---	---
PARSONS SIL, L	A	2.4	4.7	7.0	9.2	a,f	1,3,4,5	Fair	Fair	2.5	1.6	1.1	0.7
PEMBROKE SIL	A	2.4	4.8	7.1	9.0		5	Good	Good	2.3	1.5	1.1	0.9
PEMBROKE SIL	B	2.4	4.8	7.1	9.0		3,5	Fair	Fair	2.3	1.5	1.1	0.9
PERCIVAL SIC	A	1.6	3.1	4.0	4.8	a,d,f,g,h	1,4	Fair	Poor	0.2	0.1	0.1	---
PERIDGE SIL	B	2.4	4.8	7.2	9.4		3,5	Fair	Fair	2.6	1.6	1.1	1.0
PERIDGE SIL	C	2.4	4.8	7.2	9.4		3,5	Poor	Fair	2.6	1.6	1.1	1.0
PERSHING SIL	B	2.6	4.9	7.2	9.5	a,f	3,4,5	Fair	Fair	2.4	1.5	0.9	0.2
PERSHING SICL	C	2.6	4.9	7.2	9.5	a,f	3,4,5	Poor	Fair	1.0	0.6	0.4	0.2
PIOPOLIS SICL	A	2.5	4.8	7.1	9.3	a,f,h	1,4,5	Fair	Poor	0.3	0.2	0.1	0.1
PLATO SIL	B	2.1	3.8	5.0	5.6	e,f	3,4	Fair	Fair	2.6	1.6	0.6	---
POLO SIL	B	2.6	4.6	6.4	8.2		3	Fair	Fair	2.5	1.6	0.7	0.5
POPE FSL, SL	A	1.2	2.6	3.9	5.2	h		Poor	Fair	6.2	4.1	3.0	2.5
PUTNAM SIL	A	2.8	4.5	5.9	7.8	a,f	1,4	Fair	Fair	2.5	1.6	1.1	1.0
QUARLES SIL	A	2.8	5.1	7.0	8.9	a,f,h	1,4	Fair	Fair	0.7	0.5	0.3	0.3
RACOON SIL	A	2.8	5.5	8.0	10.3	a,f,h	1,4,5	Fair	Fair	0.7	0.4	0.3	0.3
RADFORD SIL	A	2.8	5.5	8.0	10.2	f,h	1,4,5	Good	Good	2.2	1.4	1.0	0.9
RADLEY SICL, SIL	A	2.8	5.0	7.3	9.6	h	5	Good	Good	2.4	1.5	1.1	1.0
RAY SIL	A	2.5	5.0	7.6	10.1	h	5	Good	Good	2.5	1.6	1.1	1.0

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LAND SLOPE

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RAZORT SIL, L	A	1.9	3.8	5.8	7.7	h		Good	Good	2.3	1.5	1.1	0.9
RAZORT CR-L	A	1.9	3.7	5.5	7.3	h		Good	Good	2.3	1.5	1.1	0.9
ROSELAND SIL	C	2.0	2.9	3.7	4.6	c	3	Poor	Fair	2.4	1.5	1.1	0.9
ROSS SIL, L	A	2.6	5.0	7.2	8.6	h		Good	Good	2.5	1.6	1.1	1.0
SALIX L	A	2.6	5.0	7.5	10.0		5	Good	Good	3.8	2.2	1.4	1.2
SAMPSEL SICL	B	2.6	4.1	5.5	7.0	a,f	3,4	Fair	Fair	1.0	0.6	0.4	0.1
SAMPSEL SIL, SICL	C	2.6	4.1	5.5	7.0	a,f	3,4	Poor	Fair	1.0	0.6	0.4	0.1
SARPY VFSL, FSL, SL	A	1.2	2.0	2.8	3.7	d,h	2	Poor	Poor	6.6	4.3	3.4	---
SARPY S, FS, LFS	A	0.8	1.7	2.5	3.4	d,h	2	Poor	Poor	9.5	6.3	4.6	---
SECESH L, SIL	A,B	2.1	3.8	4.8	5.6	h	3	Fair	Fair	2.7	1.7	1.2	1.0
SEYMOUR SIL	B	2.7	4.5	6.3	8.6	a,f	3,4	Fair	Fair	2.3	1.5	1.1	---
SEYMOUR SIL	C	2.7	4.5	6.3	8.6	a,f	3,4	Poor	Fair	2.3	1.5	1.1	---
SHARON SIL	A	2.8	5.5	8.3	10.5	h	5	Good	Good	2.6	1.6	1.1	1.0
SHARPSBURG SICL	B	2.6	5.1	7.4	9.6		3,5	Fair	Fair	3.6	2.1	1.4	1.2
SHARPSBURG SIL	B	2.6	5.1	7.4	9.6		3,5	Fair	Fair	2.3	1.5	1.1	0.9
SHELBY CL	C	2.5	4.5	6.6	8.6		3	Poor	Fair	0.5	0.4	0.3	0.3
SHELBY L	C	2.5	4.5	6.6	8.6		3	Poor	Fair	1.3	1.0	0.5	0.4
SUMMIT SICL	A,B	2.2	4.2	6.1	8.0	a,f	3	Good	Fair	0.9	0.5	0.4	0.3
SUMMIT SICL	C	2.2	4.2	6.1	8.0	a,f	3	Poor	Fair	0.9	0.5	0.4	0.3
TINA SICL	A	1.8	3.5	4.9	6.3	a,f,h	4	Fair	Fair	0.9	0.5	0.4	0.3
TUCKERMAN FSL	A	1.6	3.5	5.4	7.2	f	1,2,4	Fair	Fair	1.7	1.2	0.9	0.8
TWOMILE SIL	A	2.8	5.5	6.8	7.9	f	1,4	Fair	Fair	2.6	1.6	1.1	1.0
UNION SIL	B	2.0	4.1	5.1	6.2	e,f	3,4	Fair	Fair	2.4	1.5	1.1	1.0
UNION SIL	C	2.0	4.1	5.1	6.2	e,f	3,4	Poor	Fair	2.4	1.5	1.1	1.0

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LAND SLOPE

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URICH SIL	A	2.8	5.1	7.4	9.6	f,h	1,4,5	Good	Good	2.5	1.6	1.1	1.0
VERDIGRIS FSL	A	1.8	3.6	5.7	8.0	h	2	Good	Good	2.5	1.6	1.1	1.0
VERDIGRIS SIL	A	2.6	5.3	7.7	10.0	h	5	Good	Good	2.5	1.6	1.1	1.0
VESSER SIL	A	2.6	5.0	7.4	9.7	f,h	1,4,5	Good	Good	2.4	1.5	1.1	1.0
VIGAR L	B	1.4	3.0	4.8	6.6	f	3	Fair	Fair	2.5	1.6	1.1	1.0
VIRATON SIL, CR-SIL	B	1.8	2.9	3.3	3.8	e,f	3,4	Fair	Poor	2.3	1.5	1.1	0.9
WABASH SIC	A	1.4	2.6	3.8	5.0	a,f,g,h	1,4	Fair	Poor	---	---	---	---
WABASH SIL, SICL	A	2.0	3.2	4.4	5.6	a,f,h	1,4	Fair	Poor	0.3	---	---	---
WAKELAND SIL	A	2.7	5.2	7.7	10.2	f,h	1,4,5	Good	Good	2.6	1.6	1.1	1.0
WALDRON SIC	A	1.6	3.3	5.0	6.7	a,f,g,h	1,4	Fair	Poor	0.2	0.1	0.1	0.1
WALDRON SICL	A	2.2	3.9	5.6	7.3	a,f,h	1,4	Fair	Poor	0.9	0.6	0.2	0.1
WEINGARTEN SIL	B	2.5	4.8	7.0	8.4		3	Fair	Fair	2.4	1.5	1.1	1.0
WELLER SIL	B	2.8	4.6	6.4	8.4	a,f	3	Fair	Fair	2.4	1.5	1.1	0.3
WELLER SICL	C	2.8	4.6	6.4	8.4	a,f	3	Poor	Fair	1.0	0.6	0.4	0.2
WESTERVILLE SIL	A	2.8	5.3	7.6	9.8	f,h	1,4,5	Good	Good	2.4	1.5	1.1	0.9
WILBUR SIL	A	2.7	5.2	7.7	10.3	f,h	4,5	Good	Good	2.7	1.7	1.2	1.0
WINFIELD SIL	B	2.8	5.1	7.4	9.7		3,5	Fair	Fair	2.4	1.5	1.1	0.9
WINFIELD SIL	C	2.8	5.1	7.4	9.7	f	3,5	Poor	Fair	2.4	1.5	1.1	0.9
WIOTA SICL, SIL	A	2.6	5.2	7.5	9.8		5	Good	Good	3.7	2.2	1.4	1.2
WIOTA SICL, SIL	B	2.6	5.2	7.5	9.8		3,5	Fair	Fair	3.7	2.2	1.4	1.2
WOODSON SICL	A	2.4	3.9	5.4	6.9	a,f	1,4	Fair	Fair	1.0	0.6	---	---
ZAAR SIC	B	1.9	3.7	5.4	7.0	a,f,g	3,4	Fair	Poor	---	---	---	---
ZAAR SIC	C	1.9	3.7	5.4	7.0	a,f,g	3,4	Poor	Poor	---	---	---	---
ZOOK SICL	A	2.6	4.9	6.3	7.8	a,f,h	1,4	Fair	Fair	0.9	0.6	0.4	0.3
ZOOK SIC	A	1.4	2.9	4.3	5.8	a,f,g,h	1,4	Fair	Poor	0.2	0.1	0.1	0.1

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LAND SLOPE

A: (02%) B: (2-5%) C: (5-9%)

SOIL LIMITATIONS

a. A clayey subsoil layer with slow or very slow permeability restricts the downward movement of water within the root zone of most plants.

b. Highly alkaline subsoil will greatly reduce crop production if exposed. This may limit depth of cut in land leveling.

c. Limestone or shale within the top 48 inches of the soil profile may interfere with grade and alignment of underground conduits.

d. Subsoil may contain pockets of sand which may limit depth of cut in land leveling or may give uneven distribution of surface irrigation water.

e. Fragipan in top 30 inches of the soil profile will limit root development of most crops.

f. A seasonally high water table may restrict root development of most crops.

g. The soil surface layer has a tendency to crack prior to irrigation. Net intake is obtained in a relatively short time and very little additional intake occurs after the cracks seal.

h. An onsite evaluation is needed to determine the frequency and severity of flooding. If flooding is common during the growing season, irrigation suitability will be "Poor" unless protection is provided.

RECOMMENDATIONS

1. Land leveling and/or shallow field ditches may be needed to improve surface drainage. Cross-slope drains should be used on gently sloping areas.

2. Conservation cropping systems including residue management may be needed to control wind erosion.

3. Terraces, conservation tillage, and other conservation practices may be needed to control water erosion.

4. See MO-14-10 thru 26 for drainage recommendations and limitations.

5. Supplemental irrigation may not be needed during most years.

The Following Soils Exist in LRA 131 Only

Soil Name & Surface Texture	Land Slope*	Cumulative Avail. Water Capacity (in.) Depths (ft.) 1	2	3	4	Soil Limits*	Recommen-dations*	Suitability** Surface Irrig.	Sprinkler Irrig.	Maximum Sprinkler Application Rate (in./hr.) Net Application (in.) 0.5	1.0	2.0	3.0
ACADIA SIL	A	2.3	4.4	6.4	8.4	a,f	1,4	Fair	Fair	2.2	1.4	---	---
ADLER SIL	A	2.5	5.0	7.6	10.1	f,h	4,5	Good	Good	2.4	1.5	1.1	1.0
ALLEMANDS MUCKL	A	3.6	7.2	10.4	12.3	a,f,h	1,4,5	Poor	Fair	8.0	6.0	4.0	3.0
ALLIGATOR C, SICL	A	2.2	4.1	6.0	8.0	a,f,g,h	1,4	Fair	Poor	3.2	---	---	---
AMAGON SIL	A	2.4	4.8	7.2	9.6	a,f,h	1,4,5	Fair	Fair	2.6	1.6	1.1	1.0
ASKEW SIL	A	2.3	4.6	6.8	8.8	f		Good	Good	2.3	1.5	1.1	0.9
ASKEW SIL	B	2.3	4.6	6.8	8.8	f	3	Fair	Fair	2.3	1.5	1.1	0.9
ASKEW FSL	B	2.1	4.3	6.5	8.6	f	2,3	Fair	Fair	1.5	1.1	0.9	0.8
BALDWIN SICL	A	2.3	4.5	6.8	9.1	a,f	1,4,5	Fair	Poor	0.2	0.2	---	---
BEULAH FSL	A	1.6	3.4	5.2	7.1	d	2	Poor	Good	6.2	4.1	3.0	2.7
BEULAH FSL	B	1.6	3.4	5.2	7.1	d	2,3	Poor	Fair	6.2	4.1	3.0	2.7
BOSKET FSL	A	1.4	3.1	4.8	6.2	d	2	Poor	Good	6.2	4.1	3.0	2.7
BOSKET FSL	B,C	1.4	3.1	4.8	6.2	d	2,3	Poor	Fair	6.2	4.1	3.0	2.7
BOWDRE SIC	A	2.0	4.2	6.4	8.6	d,f,g,h	1,4	Fair	Poor	0.2	0.1	0.1	0.1
BRANDON SIL	B	2.4	4.8	6.5	7.4		3	Fair	Fair	2.5	1.6	1.1	1.0
BROSELEY LFS	A	1.2	2.4	3.6	5.2	d	2	Poor	Fair	20.5	13.5	10.0	---
BROSELEY LFS	B	1.2	2.4	3.6	5.2	d	2,3	Poor	Fair	20.5	13.5	10.0	---
BRUNO SL	A	1.2	2.1	2.9	3.5	d,h		Poor	Poor	22.4	14.5	10.5	---
CAIRO C, SIC	A	1.3	2.6	4.1	5.6	a,d,f,g,h	1,4	Fair	Poor	---	---	---	---
CALHOUN SIL	A	2.6	5.2	7.8	10.4	a,f,h	1,4,5	Fair	Fair	0.6	0.4	0.3	0.2
CANALOU LS, LFS	A	1.3	2.7	4.3	5.8	d,f	2	Poor	Fair	23.8	15.1	10.8	9.4
CARUTHERSVILLE VFSL	A	2.4	4.8	6.8	8.9	f,h	4	Good	Good	2.5	1.6	1.1	1.0
CLANA LFS, FS	A	1.1	2.2	3.2	4.2	d,f	2	Poor	Fair	23.6	15.1	10.8	9.8
COLLINS SIL	A	2.5	5.1	7.8	10.4	f,h	4,5	Good	Good	2.5	1.6	1.1	1.0

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The Following Soils Exist in LRA 131 Only

Soil Name & Surface Texture	Land Slope*	Cumulative Avail. Water Capacity (in.) Depths (ft.) 1	2	3	4	Soil Limits*	Recommen-dations*	Suitability** Surface Irrig.	Sprinkler Irrig.	Maximum Sprinkler Application Rate (in./hr.) Net Application (in.) 0.5	1.0	2.0	3.0
COMMERCE SL, SIL	A	2.6	5.1	7.7	10.2	f,h	1,4,5	Good	Good	2.3	1.5	1.0	0.5
COMMERCE SICL	A	2.5	5.0	7.6	10.1	f,h	1,4,5	Good	Fair	0.8	0.5	0.4	0.3
CONVENT SIL	A	2.4	4.9	7.4	9.6	f,h	1,4,5	Good	Good	2.5	1.6	1.1	1.0
COOTER SICL, SIL	A	1.9	3.0	4.0	5.0	d,f,h		Fair	Poor	0.2	0.1	0.1	---
COOTER SIC	A	1.9	3.0	4.0	5.0	d,f,g,h		Fair	Poor	0.2	0.1	0.1	---
CREVASSE SIL	A	1.9	2.4	2.8	3.3	d		Poor	Poor	8.1	5.1	3.5	---
CREVASSE LS, S	A,B	0.5	1.0	1.4	1.9	d,h	2	Poor	Poor	23.4	15.0	---	---
CROWLEY SIL	A	2.5	5.0	7.5	10.1	a,f	1,4,5	Fair	Fair	0.6	0.4	0.3	0.1
DIEHLSTADT LS	A	1.1	2.0	2.7	3.4	d,f,h	2	Poor	Poor	6.7	4.3	3.2	---
DUBBS SIL	A	2.5	4.9	7.4	9.9		5	Good	Good	2.6	1.6	1.1	1.0
DUBBS L, SIL	B	2.5	4.9	7.4	9.9		3,5	Fair	Fair	2.6	1.6	1.1	1.0
DUBBS SIL	C	2.5	4.9	7.4	9.9		3,5	Poor	Fair	2.6	1.6	1.1	1.0
DUNDEE FSL	A	2.0	4.1	6.1	8.2	f,h	1,4	Good	Good	2.5	1.6	0.5	0.3
DUNDEE SIL, SICL	A	2.0	4.1	6.1	8.2	f,h	1,4	Good	Good	2.2	1.1	0.4	0.3
FALAYA SIL	A	2.5	5.0	7.6	10.1	f,h	1,4,5	Good	Good	2.6	1.6	1.1	1.0
FARRENBURG FSL	B	2.3	4.6	6.8	8.6	f	2,3,4	Fair	Fair	1.6	1.1	0.9	0.8
FOLEY SIL	A	2.3	3.9	5.3	6.8	a,b,f,h	1,4	Fair	Fair	2.5	1.6	---	---
FORESTDALE SICL, SIL	A	2.2	4.1	6.4	8.6	a,f,h	1,4	Fair	Poor	0.7	0.5	---	---
FOUNTAIN SIL	A	2.5	5.0	7.6	10.1	f	1,4,5	Fair	Fair	0.6	0.4	0.3	0.3
GIDEON L, CL, SCL	A	2.2	4.3	6.3	8.3	f,h	1,4	Fair	Fair	0.4	0.3	0.3	0.2
HAYTI SICL	A	2.5	4.7	7.0	9.4	a,f,h	1,4,5	Fair	Poor	0.3	0.2	0.1	0.1
HAYTI SIC	A	2.5	4.7	7.0	9.4	a,f,g,h	1,4,5	Fair	Poor	0.2	0.2	0.1	0.1
JACKPORT SICL	A	2.1	3.9	5.7	7.5	a,f	1,4	Fair	Poor	1.0	---	---	---
LAFE SIL	A	1.9	3.4	4.8	5.3	a,b,f	1,4	Fair	Fair	2.4	1.5	---	---

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LILBOURN FSL	A	1.8	3.8	5.8	8.1	f	1,2,4	Poor	Good	5.2	3.6	2.8	2.5
LORING SIL	B	2.5	5.0	6.6	7.7	e,f	3,4	Fair	Fair	2.6	1.6	1.1	1.0
LORING SIL	C	2.5	5.0	6.6	7.7	e,f	3,4	Poor	Fair	2.6	1.6	1.1	1.0
MALDEN FS, LS	A	0.7	1.6	2.4	3.2	d	2	Poor	Poor	23.4	14.9	10.7	---
MALDEN LS	B	0.9	1.7	2.6	3.4	d	2,3	Poor	Poor	19.2	13.2	11.2	---
MALDEN S	C	0.7	1.6	2.4	3.2	d	2,3	Poor	Poor	23.4	14.9	10.7	---
MEMPHIS SIL	B	2.5	5.0	7.6	10.1		3,5	Fair	Fair	2.5	1.6	1.1	1.0
MEMPHIS SIL	C	2.5	5.0	7.6	10.1		3,5	Poor	Fair	2.5	1.6	1.1	1.0
MHOON SIL	A	2.5	4.9	7.3	9.7	a,f,h	1,4,5	Fair	Poor	2.3	1.5	0.2	0.1
PORTAGEVILLE C, SICL	A	1.6	2.9	4.1	5.3	a,f,g,h	1,4	Fair	Poor	0.2	0.1	---	---
REELFOOT SIL, L	A	2.5	5.0	7.6	9.7	f	1,4,5	Good	Good	2.3	1.5	1.1	0.9
REELFOOT SL	A	2.5	4.1	5.6	7.5	f	1,4	Good	Fair	1.9	1.3	1.0	0.9
ROELLEN C	A	2.0	3.9	5.7	7.6	a,f,g,h	1,4	Fair	Poor	0.2	0.1	0.1	0.1
SAFFELL GR-FSL	A	0.9	1.9	3.0	4.1			Poor	Fair	5.3	3.6	1.8	---
SAFFELL GR-FSL	B	0.9	1.9	3.0	4.1		2,3	Poor	Fair	5.3	3.6	1.8	---
SCOTCO S, LS	B,C	1.0	1.6	2.2	2.8	d	2,3	Poor	Poor	23.9	15.2	10.9	---
SHARKEY C	A	2.3	4.6	6.8	9.2	a,f,g,h	1,4,5	Fair	Poor	---	---	---	---
SHARKEY SICL	A	2.5	4.7	7.0	9.4	a,f,g,h	1,4,5	Fair	Poor	0.8	0.5	---	---
SIKESTON SCL	A	2.3	4.2	6.1	7.9	f,h	1,4	Fair	Fair	0.4	0.3	0.3	0.2
SIKESTON L	A	2.0	4.0	5.9	7.6	f,h	1,4	Fair	Good	1.6	1.1	0.9	0.5
SILVERDALE LFS	A	1.2	1.8	3.2	5.6	f	2	Poor	Good	24.2	15.3	10.9	9.5
STEELE FS	A	1.1	2.4	4.3	6.4	a,f	2,4	Poor	Good	23.8	15.1	10.8	9.4
STEELE SL	A	1.7	3.0	4.9	7.0	a,f	4	Poor	Good	6.1	4.0	3.0	3.3
TIPTONVILLE SIL	A	2.5	4.9	7.3	9.6		5	Good	Good	2.5	1.6	1.1	1.0

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TIPTONVILLE FSL	A	1.8	4.2	6.6	8.9			Good	Good	2.5	1.6	1.1	1.0
TOWOSAHGY FSL	A	1.8	3.5	4.5	5.4	d	2	Fair	Good	1.5	1.1	0.9	0.8
TOWOSAHGY L, CL	A	2.5	4.6	5.5	6.5	d		Good	Good	1.5	1.1	0.9	0.8
TUNICA C	A	2.0	4.1	6.0	8.0	a,f,g,h	1,4	Fair	Poor	---	---	---	---
WARDELL L, SCL	A	2.4	4.6	6.6	8.0	a,f	1,4	Fair	Fair	0.4	0.3	0.3	0.2
WAVERLY SIL	A	2.5	5.0	7.6	10.1	f,h	1,4,5	Good	Good	2.5	1.6	1.1	1.0
ZACHARY SIL	A	2.6	5.3	7.8	10.4	a,f,h	1,4,5	Fair	Fair	2.5	1.6	1.1	1.0

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