LS and Supporting Data for 1990 Frozen HEL List
LOGAN COUNTY, KANSAS

sym	seq num	component percent	component name	slope low	slope average	slope high	slope length	LS Value
AD	1	100	ACTIVE DUNES	8	13	15	75	1.56
AN	1	100	ALLUVIAL LAND	0	1	2	350	0.19
BP	1	100	BRIDGEPORT	0	1	2	350	0.19
BV	1	100	DGEPORT VARIANT	0	1	1	350	0.19
CC	1	100	COLBY	3	4	5	200	0.53
CD	1	100	COLBY	5	10	15	100	1.37
DW	1	100	DWYER	6	13	20	75	1.77
EA	1	100	ELKADER	0	1	1	350	0.19
EB	1	100	ELKADER	1	2	3	300	0.28
EC	1	100	ELKADER	3	4	5	200	0.53
ED	1	100	ELKADER	5	10	15	100	1.37
GR	1	100	GRAVELLY BROKEN LAND	5	15	25	50	1.81
KA	1	100	KEITH	0	1	1	350	0.19
KB	1	100	KEITH	1	2	3	300	0.28
LB	1	100	LAS	0	1	1	350	0.19
LD	1	100	LAS ANIMAS	0	1	1	350	0.19
LK	1	100	LIKES	1	2	2	300	0.28
LL	1	100	LINCOLN	0	1	2	350	0.19
LM	1	100	LISMAS	5	18	30	50	2.43
LN	1	100	LOAMY BROKEN LAND	5	10	15	100	1.37
LO	1	100	LOFTON	0	1	1	350	
LU	1	100	LUBBOCK	0	1	1	350	
MH	1	100	MANTER	1	2	3	300	0.28
MK	1	100	MANTER	3	4	5	200	
MN	1	100	MINNEQUA	1	3	5	250	0.38
MP	1	60	MINNEQUA	5	7	9	125	0.92
MP	2	40	PENROSE	6	16	25		
OT	1	100	OTERO	3	6	8	150	0.82
PO	1	100	POTTER SOILS	5	20	35	50	2.88
PR	1	100	PROMISE	0	3	6	250	
PS	1	100	PROMISE	1	2	3	300	
PT	1	100	PROMISE	3	4	5	200	
RA	1	100	RANDALL	0	1	1	350	0.19
RC	1	100	RICHFIELD	0	1	1	350	0.19
UA	1	100	ULYSSES	0	1	1	350	0.19
UB	1	100	ULYSSES	1	2	3	300	
UC	1	100	ULYSSES	3	4	5	200	0.53
UD	1	100	ULYSSES	5	10	15	100	
UH	1	100	ULYSSES	1	2	3	300	0.28
UL	1	30	ULYSSES	3	4	5	200	0.53
UL	2	70	COLBY	3	4	5	200	0.53
UM	1	60	ULYSSES	5	10	15	100	1.37
UM	2	40	COLBY	5	10	15	100	1.37
VL	1	100	VOLIN	0	1	1	350	0.19
VS	1	70	VOLIN	0	1	1	350	0.19
VS	2	30	SLICKSPOT	0	1	1	350	0.19
WA	1	100	WET ALLUVIAL LAND	0	1	1	350	0.19

CRP 20 Soil Supporting Data for 1990 Frozen HEL List

Survey Area - LOGAN COUNTY, KANSAS

map unit symbol	component name	LS factor	frozen T	frozen K	frozen WEI	Leaching index	wesl	pm10
AD	ACTIVE DUNES	1.56	5	0.15	220	2	0	0
AN	ALLUVIAL LAND	0.19	5	0.17	86	1	0	0
BP	BRIDGEPORT	0.19	5	0.32	86	1	0	0
BV	DGEPORT VARIANT	0.19	5	0.37	86	2	0	0
CC	COLBY	0.53	5	0.43	86	2	0	0
CD	COLBY	1.37	5	0.43	86	2	0	0
DW	DWYER	1.77	5	0.17	134	3	0	0
EA	ELKADER	0.19	5	0.32	86	1	0	0
EB	ELKADER	0.28	5	0.32	86	1	0	0
EC	ELKADER	0.53	5	0.32	86	1	0	0
ED	ELKADER	1.37	5	0.32	86	1	0	0
GR	GRAVELLY BROKEN LAND	1.81	2	0.17	48	3	0	0
KA	KEITH	0.19	5	0.32	48	2	0	0
KB	KEITH	0.28	5	0.32	48	2	0	0
LB	LAS	0.19	5	0.32	86	3	0	0
LD	LAS ANIMAS	0.19	5	0.28	86	3	0	0
LK	LIKES	0.28	5	0.15	134	2	0	0
LL	LINCOLN	0.19	5	0.17	134	3	0	0
LM	LISMAS	2.43	1	0.43	86	0	0	0
LN	LOAMY BROKEN LAND	1.37	5	0.17	134	3	0	0
LO	LOFTON	0.19	4	0.37	38	0	0	0
LU	LUBBOCK	0.19	5	0.32	48	2	0	0
MH	MANTER	0.28	5	0.2	86	1	0	0
MK	MANTER	0.53	5	0.2	86	1	0	0
MN	MINNEQUA	0.38	5	0.37	86	1	0	0
MP	MINNEQUA	0.92	2	0.32	86	1	0	0
OT	OTERO	0.82	5	0.2	86	2	0	0
PO	POTTER SOILS	2.88	2	0.32	86	0	0	0
PR	PROMISE	0.38	5	0.24	86	1	0	0
PS	PROMISE	0.28	5	0.24	86	1	0	0
PT	PROMISE	0.53	2	0.28	86	1	0	0
RA	RANDALL	0.19	4	0.28	86	0	0	0
RC	RICHFIELD	0.19	5	0.32	48	2	0	0
UA	ULYSSES	0.19	5	0.32	48	2	0	0
UB	ULYSSES	0.28	5	0.32	48	2	0	0
UC	ULYSSES	0.53	5	0.32	48	2	0	0
UD	ULYSSES	1.37	5	0.32	48	2	0	0
UH	ULYSSES	0.28	5	0.32	38	2	0	0
UL	ULYSSES	0.53	5	0.32	48	2	0	0
UM	ULYSSES	1.37	5	0.32	48	2	0	0
VL	VOLIN	0.19	5	0.32	48	1	0	0
VS	VOLIN	0.19	5	0.32	56	2	0	0
WA	WET ALLUVIAL LAND	0.19	3	0.28	38	3	0	0