CRP 20 Soil Supporting Data for 1990 Frozen HEL List

Survey Area - HARPER COUNTY, KANSAS

map unit symbol	component name	LS factor	frozen T	frozen K	frozen WEI	Leaching index	wesl	pm10
AN	ALLUVIAL LAND	0.19	5	0.28	48	1	0	0
AT	ATTICA	0.28	5	0.24	86	2	0	0
BE	BETHANY	0.19	4	0.37	48	1	0	0
BH	BETHANY	0.28	4	0.37	48	1	0	0
BM	BRAZOS	0.19	5	0.17	134	3	0	0
BO	BRAZOS	0.19	5	0.17	134	3	0	0
BP	BREAKS	1.58	4	0.32	86	1	0	0
BR	BROKEN ALLUVIAL LAND	1.81	5	0.32	48	1	0	0
CA	CARWILE	0.19	5	0.24	86	0	0	0
CC	CASE	0.53	5	0.32	86	2	0	0
CE	CORBIN	0.19	5	0.32	48	1	0	0
CF	CORBIN	0.28	5	0.32	48	1	0	0
CH	CRISFIELD	0.19	5	0.2	86	1	0	0
FA	FARNUM	0.71	5	0.28	48	2	0	0
FM	FARNUM	0.19	5	0.28	48	2	0	0
FN	FARNUM	0.28	5	0.28	48	2	0	0
FU	FARNUM	0.71	5	0.28	48	2	0	0
GE	GERLANE	0.19	5	0.2	86	3	0	0
GN	GRANT	0.19	5	0.32	48	2	0	0
GR	GRANT	0.28	5	0.32	48	2	0	0
GS	GRANT	0.71	5	0.32	48	2	0	0
KA	KANZA	0.19	5	0.17	134	3	0	0
KK	KASKI	0.19	5	0.28	48	1	0	0
KM	KIRKLAND	0.19	4	0.43	48	0	0	0
KR	KIRKLAND	0.28	4	0.43	48	0	0	0
KW	KIRKLAND	0.28	4	0.43	48	0	0	0
MC	MINCO	0.19	5	0.32	48	2	0	0
MN	MINCO	0.28	5	0.32	48	2	0	0
MO	MINCO	0.71	5	0.32	48	2	0	0
NA	NASHVILLE	0.19	4	0.32	48	1	0	0
NE	NASHVILLE	0.28	4	0.32	48	1	0	0
NH	NASHVILLE	0.71	4	0.32	48	1	0	0
NN	NASHVILLE	0.71	4	0.32	48	2	0	0
NO	NORGE	0.28	5	0.32	48	2	0	0
PC	POND CREEK	0.19	5	0.32	48	1	0	0
PD	POND CREEK	0.28	5	0.32	48	1	0	0
PE	POND CREEK	0.71	5	0.32	48	1	0	0
PG	POND CREEK	0.71	5	0.32	48	2	0	0
PH	PORT	0.19	5	0.32	48	1	0	0
PK	PORT	0.19	5	0.32	48	1	0	0
PM	PRATT	0.82	5	0.17	134	3	0	0
PN	PRATT	0.82	5	0.17	134	3	0	0
PO	PRATT	0.82	5	0.17	134	3	0	0
PT	PRATT	1.56	5	0.17	134	3	0	0

CRP 20 Soil Supporting Data for 1990 Frozen HEL List

Survey Area - HARPER COUNTY, KANSAS

map unit symbol	component name	LS factor	frozen T	frozen K	frozen WEI	Leaching index	wesl	pm10
QA	QUINLAN	0.19	2	0.32	86	1	0	0
QN	QUINLAN	0.24	2	0.32	86	1	0	0
QU	QUINLAN	0.71	2	0.32	86	1	0	0
RC	RENFROW	0.28	4	0.43	48	0	0	0
RE	RUELLA	0.19	5	0.32	86	2	0	0
RH	RUELLA	0.28	5	0.32	86	2	0	0
RU	RUELLA	0.71	5	0.32	86	2	0	0
SA	SALINE ALLUVIAL LAND	0.19	4	0.28	86	3	0	0
SB	SHELLABARGER	0.19	5	0.2	86	2	0	0
SE	SHELLABARGER	0.28	5	0.2	86	2	0	0
SF	SHELLABARGER	0.71	5	0.2	86	2	0	0
SG	SHELLABARGER	0.71	5	0.2	86	2	0	0
SH	SHELLABARGER	0.28	3	0.2	86	1	0	0
SK	SHELLABARGER	0.71	3	0.2	86	1	0	0
SM	SHELLABARGER	0.71	3	0.2	86	2	0	0
SN	SHELLABARGER	0.28	5	0.17	134	2	0	0
SO	SHELLABARGER	1.58	5	0.2	86	2	0	0
SP	SLICKSPOTS	0.19	3	0.43	48	3	0	0
TA	TABLER	0.19	5	0.37	48	0	0	0
TH	TIVOLI	1.56	5	0.15	310	2	0	0
VR	VERNON	0.53	3	0.37	86	0	0	0
WA	WET ALLUVIAL LAND	0.19	5	0.32	86	3	0	0
WD	WOODWARD	0.19	4	0.37	86	1	0	0
WE	WOODWARD	0.28	4	0.37	86	1	0	0
WW	WOODWARD	0.71	4	0.37	86	1	0	0
ZA	ZAVALA	0.19	5	0.2	86	1	0	0
ZF	ZENDA	0.19	5	0.28	86	3	0	0

LS and Supporting Data for 1990 Frozen HEL List
HARPER County

mu sym	seq num	component percent	component name	slope low	slope average	slope high	slope length	LS Value
AN	1	100	ALLUVIAL LAND	0	1	2	350	0.19
AT	1	100	ATTICA	1	2	3	300	0.28
BE	1	100	BETHANY	0	1	1	350	0.19
BH	1	100	BETHANY	1	2	3	300	0.28
BM	1	100	BRAZOS	0	1	1	350	0.19
BO	1	100	BRAZOS	0	1	1	350	0.19
BP	1	65	BREAKS	1	10	20	100	1.37
BP	2	35	ALLUVIAL LAND	0	2	3	300	0.28
CA	1	100	CARWILE	0	1	1	350	
CC	1	70	CASE	2	4	6	200	0.53
CC	2	30	CLARK	2	4	6	200	0.53
CE	1	100	CORBIN	0	1	1	350	0.19
CF	1	100	CORBIN	1	2	3	300	0.28
CH	1	100	CRISFIELD	0	1	2	350	0.19
FA	1	100	FARNUM	3	5	6	175	0.71
FM	1	100	FARNUM	0	1	1	350	0.19
FN	1	100	FARNUM	1	2	3	300	0.28
FU	1	100	FARNUM	3	5	6	175	0.71
GE	1	100	GERLANE	0	1	1	350	0.19
GN	1	100	GRANT	0	1	1	350	0.19
GR	1	100	GRANT	1	2	3	300	0.28
GS		100	GRANT	3	5	6	175	0.71
KA		100	KANZA	0	1	1	350	0.19
KK		100	KASKI	0	1	1	350	0.19
KM		100	KIRKLAND	0	1	1	350	0.19
KR		70	KIRKLAND	1	2	3	300	0.28
KR	2	30	RENFROW	1	2	3	300	0.28
KW	1	70	KIRKLAND	1	2	3	300	0.28
KW	2	30	RENFROW	1	2	3	300	0.28
MC	1	100	MINCO	0	1	1	350	0.19
MN	1	100	MINCO	1	2	3	300	0.28
MO	1	100	MINCO	3	5	6	175	0.71
NA		100	NASHVILLE	0	1	1	350	0.19
NE		100	NASHVILLE	1	2	3	300	0.28
		100	NASHVILLE	3	5	6	175	0.71
NN		100	NASHVILLE	3	5	6	175	0.71
NO		100	NORGE	1	2	3	300	0.28
PC		100	POND CREEK	0		1	350	0.19
PD		100	POND CREEK	1	2	3	300	0.28
PE		100	POND CREEK		5	6	175	0.71
PG		100	POND CREEK	3	5	6	175	0.71
PH		100	PORT	0	1		350	0.19
PK		100	PORT	0	1	1	350	0.19
PM		100	PRATT	3	6	8	150	0.82
PN		100	PRATT	3	6	8	150	0.82
PO	1	65	PRATT	3	6	8	150	0.82
PO	2	35	CARWILE	0		1	350	0.19
PT	1	50	PRATT	8		15	75	1.56

LS and Supporting Data for 1990 Frozen HEL List

HARPER County

sym	seq num	component percent	component name	slope low	slope average	slope high	slope length	LS Value
PT	2	50	TIVOLI	8	12	15	75	1.56
QA	1	100	QUINLAN	0	1	1	350	0.19
QN	1	100	QUINLAN	1	2	3	175	0.24
QU	1	100	QUINLAN	3	5	6	175	0.71
RC	1	65	RENFROW	1	2	3	300	0.28
RC	2	35	VERNON	1	2	3	300	0.28
RE	1	100	RUELLA	0	1	1	350	0.19
RH	1	100	RUELLA	1	2	3	300	0.28
RU	1	100	RUELLA	3	5	6	175	0.71
SA	1	100	SALINE ALLUVIAL LAND	0	1	1	350	0.19
SB	1	100	SHELLABARGER	0	1	1	350	0.19
SE	1	100	SHELLABARGER	1	2	3	300	0.28
SF	1	100	SHELLABARGER	3	5	6	175	0.71
SG	1	100	SHELLABARGER	3	5	6	175	0.71
SH	1	100	SHELLABARGER	1	2	3	300	0.28
SK	1	100	SHELLABARGER	3	5	6	175	0.71
SM	1	100	SHELLABARGER	3	5	6	175	0.71
SN	1	100	SHELLABARGER	0	2	3	300	0.28
SO	1	70	SHELLABARGER	7	11	15	100	1.58
SO	2	30	ALBION	7	11	15	100	1.58
SP	1	100	SLICKSPOTS	0	1	2	350	0.19
TA	1	100	TABLER	0	1	1	350	0.19
TH	1	100	TIVOLI	8	12	15	75	1.56
VR	1	60	VERNON	2	4	6	200	0.53
VR	2	40	RENFROW	2	4	5	200	0.53
WA	1	100	WET ALLUVIAL LAND	0	1	1	350	0.19
WD	1	50	WOODWARD	0	1	1	350	0.19
WD	2	50	QUINLAN	0	1	1	350	0.19
WE	1	50	WOODWARD	1	2	3	300	0.28
WE	2	50	QUINLAN	1	2	3	300	0.28
WW	1	50	WOODWARD	3	5	6	175	0.71
WW	2	50	QUINLAN	3	5	6	175	0.71
ZA	1	100	ZAVALA	0	1	1	350	0.19
ZF	1	100	ZENDA	0	1	1	350	0.19