LAND CAPABILITY CHART – NEBRASKA South Central And Southwest Land Judging Areas Area #1 1/2020 SOILS ON UPLANDS AND STREAM TERRACES										
Surface Texture	Permeability	Drainage	Slope	Erosion	Dryland Land Capability Class	General description				
DEEP AND VERY	V DEEP SOILS	(40 inches or	deener)		Capability Class					
Fine, Mod.	VS, S	SE, W,	0-1	1	II	Deep and very deep soils with clayey or moderately				
Fine, Medium	, .	MW, SP	1-3	1,2	II	fine textured surface layers and clayey, very slow or				
,		,	3-6	1,2	III	slowly permeable subsurface layers.				
			3-6	3	IV					
			6-11	ALL	IV					
			11-30	ALL	VI					
Mod. Fine,	MS, M	SE, SP,	0-1	1	II*	Deep and very deep soils with moderately fine or				
Medium	MR, R	W, MW,	1-3	1,2	II	medium textured surface layer and silty, loamy or				
		EX	3-6 3-6	1,2	III IV	clayey, moderately slow or moderately permeable subsurface layers.				
			6-11	ALL	IV	Subsuituee injets.				
			11-30	ALL	VI					
			30+	ALL	VII					
**Class I ONLY in the following counties: Polk, York, Fillmore, Thayer, Hamilton, Clay and Nuckolls**										
	R, MS, M,	SE, W,	0-3	1	II	Deep and very deep soils with moderately coarse				
Mod. coarse	MR	MW	3-6	1,2	III	textured surface layers and loamy or silty subsurface				
			3-6	3	IV	layers.				
			6-11	ALL	IV					
		0.70	11-30	ALL	VI					
Mod. coarse	M, MR	SP	0-3	1,2	III	Deep and very deep somewhat poorly drained moderately coarse textured soils.				
Coarse	M, MR, R,	MW, W,	0-3	1	IV	Deep and very deep moderately well drained to				
	VR	SE, EX	3-6	1,2	IV	excessively drained sandy soils.				
			6-17	ALL	VI					
	24	CD	17+	ALL	VII					
Coarse	M	SP	0-3	1,2	III	Deep and very deep somewhat poorly drained soils with sandy surface layers.				
Coarse	MR, R, VR	SP	0-3	1,2	IV	Deep and very deep somewhat poorly drained loamy and sandy soils.				
Medium, Mod. Coarse, Coarse	MR, R	P, VP	0-3	1,2	V	Deep and very deep poorly and very poorly drained loamy and sandy soils.				
Very coarse	M, MR, R, VR	SP	0-3	ALL	VI	Deep and very deep somewhat poorly drained soils with moderately coarse textured subsurface layer.				
Very coarse	M, MR, R, VR	EX, SE, W, MW	0-17	ALL	VI	Deep and very deep moderately well to excessively drained soils with moderately coarse textured				
			171		****	di amed sons with model ately course textured				
MODERATELY DEEP SOILS (20 to 40 inches to bedrock) [sand & gravel will not be used in the contest as depth limiting]										
MODERATELI	DEEP SOILS (2	0 to 40 inche	17+ s to bedrock	ALL () [sand &	VII gravel will not be u	subsurface laver				
Fine	DEEP SOILS (2 S, MS, M,	SE, W,			<u> </u>	subsurface laver				
T			s to bedrock 0-6 0-6	(s) [sand & 1.2 3	gravel will not be	subsurface laver used in the contest as depth limiting]				
T	S, MS, M,	SE, W,	0-6 0-6 6-11	1.2 3 ALL	gravel will not be III IV IV	subsurface laver used in the contest as depth limiting]				
Fine	S, MS, M, MR	SE, W, MW, SP	0-6 0-6 6-11 11-30	1,2 3 ALL ALL	gravel will not be UII  IV  IV  VI	subsurface laver used in the contest as depth limiting]  Moderately deep clayey soils.				
Fine Mod. Fine,	S, MS, M,	SE, W, MW, SP	0-6 0-6 6-11 11-30 0-1	1.2 3 ALL ALL 1,2	gravel will not be u III IV IV VI II	subsurface laver used in the contest as depth limiting]				
Fine	S, MS, M, MR	SE, W, MW, SP	0-6 0-6 6-11 11-30	1,2 3 ALL ALL	gravel will not be UII  IV  IV  VI	subsurface laver used in the contest as depth limiting]  Moderately deep clayey soils.				
Fine  Mod. Fine,  Medium, Mod.	S, MS, M, MR	SE, W, MW, SP	0-6 0-6 6-11 11-30 0-1	1.2 3 ALL ALL 1,2 1,2	gravel will not be u III IV IV VI II III	subsurface laver used in the contest as depth limiting]  Moderately deep clayey soils.				
Fine  Mod. Fine,  Medium, Mod.	S, MS, M, MR	SE, W, MW, SP	0-6 0-6 6-11 11-30 0-1 1-6 1-6	1.2 3 ALL ALL 1,2 1,2 3	gravel will not be u	subsurface laver used in the contest as depth limiting]  Moderately deep clayey soils.				
Fine  Mod. Fine, Medium, Mod. coarse	S, MS, M, MR	SE, W, MW, SP EX, SE, W, MW	0-6 0-6 6-11 11-30 0-1 1-6 1-6 6-11 11-30+	1.2 3 ALL ALL 1,2 1,2 3 ALL ALL	gravel will not be a  III  IV  IV  VI  II  III  IV  VI  II  IV  IV  VV  VV	subsurface laver used in the contest as depth limiting]  Moderately deep clayey soils.  Moderately deep silty and loamy soils.				
Fine  Mod. Fine, Medium, Mod. coarse	S, MS, M, MR	SE, W, MW, SP EX, SE, W, MW	0-6 0-6 6-11 11-30 0-1 1-6 1-6 6-11 11-30+	1.2 3 ALL ALL 1,2 1,2 3 ALL ALL ravel will I	gravel will not be used in the c	subsurface laver used in the contest as depth limiting]  Moderately deep clayey soils.				
Mod. Fine, Medium, Mod. coarse  SHALLOW SOIL ALL	S, MS, M, MR  ALL  S (10 to 20 inch  ALL	SE, W, MW, SP EX, SE, W, MW	0-6 0-6 6-11 11-30 0-1 1-6 1-6 6-11 11-30+ 2} [sand & g 0-30 30+	1.2 3 ALL ALL 1,2 1,2 3 ALL ALL ALL ALL  Tavel will I	gravel will not be a  III  IV  IV  VI  III  III  IV  VI  VI	subsurface laver used in the contest as depth limiting]  Moderately deep clayey soils.  Moderately deep silty and loamy soils.  contest as depth limiting]  Shallow soils				
Fine  Mod. Fine, Medium, Mod. coarse  SHALLOW SOIL ALL  VERY SHALLOW	S, MS, M, MR  ALL  S (10 to 20 inch ALL  W SOILS (0 to 1	SE, W, MW, SP  EX, SE, W, MW  es to bedrock  ALL  0 inches to be	0-6 0-6 6-11 11-30 0-1 1-6 1-6 6-11 11-30+ 2} [sand & g 0-30 30+	1.2 3 ALL ALL 1,2 1,2 3 ALL ALL t,2 1,2 ALL ALL ALL ALL d & grave	gravel will not be used in	subsurface laver  used in the contest as depth limiting]  Moderately deep clayey soils.  Moderately deep silty and loamy soils.  contest as depth limiting]  Shallow soils  the contest as depth limiting]				
Mod. Fine, Medium, Mod. coarse  SHALLOW SOIL ALL	S, MS, M, MR  ALL  S (10 to 20 inch  ALL	SE, W, MW, SP  EX, SE, W, MW  es to bedrock ALL  0 inches to be	0-6 0-6 6-11 11-30 0-1 1-6 1-6 6-11 11-30+ (3) [sand & g 0-30 30+ edrock) [san 0-30+	1,2 3 ALL ALL 1,2 1,2 3 ALL ALL ALL ALL ALL CONTRACTOR OF THE PROPERTY OF THE	gravel will not be a  III  IV  IV  VI  III  III  IV  IV  VI  VI  VI  oot be used in the control of the used in the used in the control of the used in the used	subsurface laver  used in the contest as depth limiting]  Moderately deep clayey soils.  Moderately deep silty and loamy soils.  Sontest as depth limiting]  Shallow soils  In the contest as depth limiting]  Very shallow soils				
Fine  Mod. Fine, Medium, Mod. coarse  SHALLOW SOIL ALL  VERY SHALLOW ALL	S, MS, M, MR  ALL  S (10 to 20 inch ALL  W SOILS (0 to 1 ALL	SE, W, MW, SP  EX, SE, W, MW  es to bedrock ALL  0 inches to be ALL	0-6 0-6 6-11 11-30 0-1 1-6 1-6 6-11 11-30+ 3] [sand & g 0-30 30+ edrock) [san 0-30+	1.2 3 ALL ALL 1,2 1,2 3 ALL ALL LOUIS ALL ALL ALL CONTRACTOR ALL	gravel will not be a  III  IV  IV  VI  III  III  IV  VI  VI	subsurface laver  used in the contest as depth limiting]  Moderately deep clayey soils.  Moderately deep silty and loamy soils.  Sontest as depth limiting]  Shallow soils  In the contest as depth limiting]  Very shallow soils  PRESSIONS				
Fine  Mod. Fine, Medium, Mod. coarse  SHALLOW SOIL ALL  VERY SHALLOW	S, MS, M, MR  ALL  S (10 to 20 inch ALL  W SOILS (0 to 1	SE, W, MW, SP  EX, SE, W, MW  es to bedrock ALL  0 inches to be	0-6 0-6 6-11 11-30 0-1 1-6 1-6 6-11 11-30+ (3) [sand & g 0-30 30+ edrock) [san 0-30+	1,2 3 ALL ALL 1,2 1,2 3 ALL ALL ALL ALL ALL CONTRACTOR OF THE PROPERTY OF THE	gravel will not be a  III  IV  IV  VI  III  III  IV  VI  VI	subsurface laver  used in the contest as depth limiting]  Moderately deep clayey soils.  Moderately deep silty and loamy soils.  Sontest as depth limiting]  Shallow soils  the contest as depth limiting]  Very shallow soils  PRESSIONS  General description				
Mod. Fine, Medium, Mod. coarse  SHALLOW SOIL ALL  VERY SHALLOV ALL  Surface Texture	S, MS, M, MR  ALL  S (10 to 20 inch ALL  W SOILS (0 to 1 ALL	SE, W, MW, SP  EX, SE, W, MW  es to bedrock  ALL  0 inches to be ALL  SO  Drainage, Ponding	0-6 0-6 6-11 11-30 0-1 1-6 1-6 6-11 11-30+ 3] [sand & g 0-30 30+ edrock) [san 0-30+	1.2 3 ALL ALL 1,2 1,2 3 ALL ALL LOUIS ALL ALL ALL CONTRACTOR ALL	gravel will not be a HII IV IV IV IV III III IV IV IV IV IV IV	subsurface laver  used in the contest as depth limiting]  Moderately deep clayey soils.  Moderately deep silty and loamy soils.  Sontest as depth limiting]  Shallow soils  In the contest as depth limiting]  Very shallow soils  PRESSIONS  I General description  SS				
Fine  Mod. Fine, Medium, Mod. coarse  SHALLOW SOIL ALL  VERY SHALLOV ALL  Surface	S, MS, M, MR  ALL  S (10 to 20 inch ALL  W SOILS (0 to 1 ALL	SE, W, MW, SP  EX, SE, W, MW  es to bedrock ALL  0 inches to be ALL  SO Drainage,	0-6 0-6 6-11 11-30 0-1 1-6 1-6 6-11 11-30+ (3) [sand & g 0-30 30+ edrock) [sand 0-30+ MILS ON UP	1.2 3 ALL ALL 1,2 3 ALL ALL 1,2 4 ALL ALL ALL Contract will residue of the second seco	gravel will not be a HII IV IV IV IV III III IV IV IV IV IV IV	subsurface laver  used in the contest as depth limiting]  Moderately deep clayey soils.  Moderately deep silty and loamy soils.  Sontest as depth limiting]  Shallow soils  the contest as depth limiting]  Very shallow soils  PRESSIONS  General description				

LAND CAPABILITY CHART – NEBRASKA				South Central And Southwest Land Judging Areas   Area #1   1/2020						
SOILS ON FLOOD DEEP AND VERY DEEP SOILS (40-60 inches + deep)					PLAINS AND SANDHILL MEADOWS					
		. `			l <b>.</b> .					
Surface Texture	Permeability	Drainage	Flooding	Slope	Erosion	Dryland Land Capability Class	General description			
Fine, Mod, fine,	VS, S, MS, M	SP	R, OCC	0-2	1	II	Deep and very deep somewhat poorly			
Medium   Notice   Not	, 5, 5, 1125, 112	SP	R, OCC	2-6	1	III	drained to very poorly drained soils with clayey, silty or loamy surface layers.			
		P	R, OCC	0-2	1	III				
		P	R, OCC	2-6	1	IV				
		VP	R, OCC	0-2	1	V				
Mod, fine,	MS, M	MW, W, SE	R	0-2	1, 2	I	Deep and very deep moderately well drained or well drained soils with loamy or silty surface layers.			
Medium		MW, W, SE	R	2-6	1, 2	II				
		MW, W, SE	OCC	0-2	1, 2	II				
		MW, W, SE	OCC	2-6	1, 2	III				
Medium, Mod.	R	SP	R, OCC	0.2	1.2	III	Deep and very deep, somewhat poorly			
coarse	K			0-3	1, 2		drained soils with loamy surface layers and			
		SP	R, OCC	3-6	1, 2	IV	rapid permeability.			
Mod. coarse	M, MR	MW, W	R, OCC	0-3	1, 2	II	Deep and very deep moderately well to very poorly drained soils with fine sandy loam			
		MW, W	R, OCC	3-6	1, 2	III				
		SP	R, OCC	0-3	1, 2	II	surface layer.			
		SP	R, OCC	3-6	1, 2	III				
		P, VP	R, OCC	0-3	1	V				
Coarse	MR, R, VR	W, SE,	R, OCC	0-3	1,2	IV	Deep and very deep well drained to excessively drained soils with fine sand surface layers.			
		EX		3-11	ALL	VI				
Varrana	MD D VD	CE EV	D. OCC	0.11	A T T	VI	Down and many down company of many inch			
Very coarse	MR, R, VR	SE, EX	R, OCC	0-11	ALL	VI	Deep and very deep, somewhat excessively drained soils with sand surface layer			
ALL	ALL	ALL	FREQ	0-6	1	VI	Deep/very deep, frequently flooded soils			
ALL	ALL	P, VP	R, OCC, FP	0-3	1	V	Deep/very deep, poorly/very poorly drained soils			
ALL	ALL	P, VP	R, OCC, FP	3-6	1	VI	Deep/very deep, poorly/very poorly drained soils			
ALL	ALL	VP	VFP	0-6	1	VIII	Soil very frequently ponded with water			
MODERATELY	DEEP (20 to 40	inch depth t	o underlying be	drock)	[sand & gra	avel will not be	used in the contest as depthlimiting]			
M-1 F:		MW, W	R, OCC	0-2	1, 2	II				
ine, Mod. Fine, Medium,	ALL	MW, W	R, OCC	2-6	1, 2	III	Moderately deep, poorly drained to well drained soils			
Mod. Coarse		SP	R, OCC	0-2	1, 2	III	wen dramed sons			
			D 000	2 (	1.2	T 3.7				

SHALLOW (10 to 20 inches depth to underlying bedrock) [sand & gravel will not be used in the contest as depth limiting]									
ALL	ALL	SP, P, VP	OCC, FREQ	0-3	1	VI	Shallow Soils		
		SP, P, VP	OCC, FREO	3-6	1	VII			

2-6

0-2

2-6

SP

P

P

R, OCC

R, OCC

R, OCC

1, 2

1, 2

1, 2

IV

IV

VI

VERY SHALLOW (0 to 10 inches depth to underlying bedrock) [sand & gravel will not be used in the contest as depth limiting]								
ALL SP, P, VP OCC, FREQ 0-3 1 VII Very shallow soils							Very shallow soils	
		SP, P, VP	OCC, FREQ	3-6	1	VIII		