

MRD WRANGLER Plant ID Contest Form 2017

Name: Key

Score: _____

1-20	21-40	41-60	61-80	81-100	FLAG #	PLANT #	Type of plant (1-2-3-4-5)	Longevity (P-B-A)	Origin (N-I)	Season (C-W-X)	Grazing Response (D-I-V-X)	Poisonous (P)
1 alfalfa	45 Japanese brome	89 wavyleaf thistle										
2 American licorice	46 Kentucky bluegrass	90 western snowberry										
3 American vetch	47 leafy spurge	91 western wheatgrass										
4 annual sunflower	48 limber pine	92 western yarrow										
5 arrowleaf balsamroot	49 low larkspur	93 white pointloco										
6 aster	50 lupine	94 wild parsley										
7 Baltic rush	51 meadow deathcamas	95 woolly mullein										
8 basin wildrye	52 milkvetch	96 yellow alyssum			1	20	3	P	N	C	I	
9 bastard toadflax	53 Missouri goldenrod	97 yellow sweetclover			2	17	3	P	I	C	V	
10 big sagebrush	54 narrowleaf cottonwood	98 yucca			3	50	3	P	N	C	I	P
11 bitterroot	55 needleandthread				4	87	1	P	I	C	V	
12 blue flax	56 needleleaf sedge				5	72	4	P	N	W	I	
13 blue grama	57 Oregongrape				6	51	3	P	N	C	I	P
14 bluebunch wheatgrass	58 penstemon				7	43	1	P	N	C	I	
15 broom snakeweed	59 plains cottonwood				8	10	4	P	N	W	I	
16 burdock	60 ponderosa pine				9	46	1	P	I	C	V	
17 Canada thistle	61 prairie coneflower				10	92	3	P	N	W	I	
18 cheatgrass	62 prairie junegrass				11	75	3	B	I	C	V	
19 chokecherry	63 prairie onion				12	56	2	P	N	C	I	
20 cinquefoil	64 prairie sandreed				13	41	3	P	N	C	I	
21 cocklebur	65 prairie thermopsis				14	68	3	P	N	C	I	
22 common starlily	66 pricklypear				15	14	1	P	N	C	D	
23 creeping juniper	67 purple prairieclover				16	30	3	P	N	X	I	
24 crested wheatgrass	68 pussytoes				17	36	1	P	N	C	D	
25 cudweed sagewort	69 quackgrass				18	25	3	P	N	W	I	
26 curly dock	70 red threeawn				19	62	1	P	N	C	I	
27 curlycup gumweed	71 Rocky Mountain juniper				20	43	1	P	N	C	I	
28 currant species	72 rose spices											
29 dandelion	73 rubber rabbitbrush											
30 dense clubmoss	74 rush skeletonweed											
31 dotted gayfeather	75 salsify											
32 Douglas fir	76 Sandberg bluegrass											
33 Fendler threeawn	77 scarlet globemallow											
34 foxtail barley	78 segolily mariposa											
35 fringed sagewort	79 silver sagebrush											
36 green needlegrass	80 skunkbush sumac											
37 green sagewort	81 slender wheatgrass											
38 groundplum milkvetch	82 slimflower scurfpea											
39 hairy goldenaster	83 smooth brome											
40 heartleaf arnica	84 spotted knapweed											
41 Hood phlox	85 thickspike wheatgrass											
42 houndstongue	86 threadleaf sedge											
43 Idaho fescue	87 timothy											
44 Indian ricegrass	88 tumble mustard											

TYPE OF PLANT:
(use only the # symbol)

1 = Grass
2 = Grass-like
3 = Forb
4 = Shrub/Tree
5 = Cactus

SEASON:
C = Cool Season
W = Warm Season
X = Inappropriate

GRAZING RESPONSE
D = Decreaser
I = Increaser
V = Invader
X = Inappropriate

POISONOUS: Mark "P"
if plant is poisonous

*10 Points each correct plant name
*1 point for each plant characteristic
300 +Points Possible

2017 WRANGLER PLANT ANATOMY CONTEST FORM

NAME: _____

Key

SCORE: _____

CIRCLE ONE ANSWER PER MULTIPLE CHOICE QUESTION (6 POINTS PER QUESTION) & KEY 1 PLANT (30 POINTS) - TOTAL OF 150 POINTS

1	THE LEAF SHAPE IS:	LANCEOLATE	SAGITATE	LINEAR	OVATE
2	THE SEEDSTALK INFLORESCENCE IS	UMBEL	RACEME	HEAD	PANICLE
3	THIS PLANT IS A	GRASS	GRASS-LIKE	FORB	SHRUB
4	THIS PLANT LEAF IS	SIMPLE LEAF	COMPOUND LEAF		
5	THE PLANT LIGULE IS	HAIRY	MEMBRANOUS	ABSENT	
6	THE PLANT FLOWER IS	HEAD	REGULAR	IRREGULAR	
7	THE LEAF VEINS ARE	PALMATE	PARRALLEL	PINNATE	
8	THE GROWTH FORM OF THIS GRASS IS	BUNCHGRASS	SOD-FORMER		
9	THIS PLANT HAS STIPULES	YES	NO		
10	THE STATURE (STYLE) OF THIS GRASS IS	LARGE	MID	SMALL	
11	THE LEAF MARGIN IS	CILIATE	ENTIRE	SERRATED	LOBED
12	THIS MODIFIED STEM IS A	RHIZOME	STOLON	CORM	BULB
13	THIS COMPOUND LEAF IS	PINNATE	TRIFOLIATE	PALMATE	
14	THE LEAF ARRANGEMENT IS	ALTERNATE	OPPOSITE	WHORLED	
15	THIS PLANT STEM IS FROM A	GRASS	GRASS-LIKE	FORB	SHRUB
16	THIS PLANT HAS AURICLES	YES	NO		
17	THE STEM OR LEAF MODIFICATION IS	PRICKLE	SPINE	TENDRIL	THORN
18	THE FLOWER OF THIS PLANT HAS	4 SEPARATE PETALS	6 UNITED PETALS	NO PETALS	3 PETALS
19	THE ROOTS OF THIS PLANTS ARE	TAP	FIBROUS		
20	THIS PLANT IS AN	ANNUAL	BIENNIAL	PERENNIAL	

21 KEY OUT THE PLANT AND WRITE THE LETTER IN THE BLANK

KEY PLANT #1 F
(30 points)

POINTS POSSIBLE	150
POINTS MISSED	
TOTAL POINTS	

Record points at the top of the form

MRD 2017 Wrangler Utilization Form

Name: Key Score: _____

Fill in an X for the level of utilization of each plot (20 points per question - total 60 points)

	Slight 0-20%	Moderate 21-40%	Full 41-60%	Close 61-80%	Severe 81-100%
Plot 1	X				
Plot 2			X		
Plot 3					X

MRD 2017 WRANGLER ECOLOGICAL SITE TEST

NAME: Key

SCORE: _____

CIRCLE ONE ANSWER PER QUESTION

1	THE SOIL SURFACE TEXTURE IS?	CLAYEY	SILTY	SANDY
2	THE SOIL SURFACE TEXTURE IS?	CLAYEY	SILTY	SANDY
3	THE SOIL SURFACE TEXTURE IS?	CLAYEY	SILTY	SANDY
4	THE SOIL SURFACE TEXTURE IS?	CLAYEY	SILTY	SANDY

5	THE SOIL PROFILE IS?	MODERATELY DEEP	SHALLOW	VERY SHALLOW
6	THE SOIL PROFILE IS?	MODERATELY DEEP	SHALLOW	VERY SHALLOW

7	THE RANGE SITE IS?	RUN-IN	RUN-OFF	NORMAL
8	THE RANGE SITE IS?	RUN-IN	RUN-OFF	NORMAL

15 POINTS PER SOIL TEXTURE QUESTION

10 POINTS PER SOIL PROFILE QUESTION

10 POINTS PER ECOLOGICAL SITE QUESTION

TOTAL OF 100 POINTS