

**Forage Production Clipping Worksheet**

Name: \_\_\_\_\_ County: \_\_\_\_\_ Date: \_\_\_\_\_ Assisted by: \_\_\_\_\_  
 Current Year's Precipitation (choose one) \_\_\_\_\_

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
Field No. / Trans ID	ESD, FSG or Annual Forage Type	Total Clipped Wet (Grams)	Bag Weight (Grams)	Total Forage Weight (Grams) (C - D)	Percent Dry Matter*	Total Dry Matter (E x F)	Frame Size Factor **	Pounds of Forage per Acre (G x H)	Growth Curve Adjustment Factor	Adjusted Production lbs/ac (I / J)	Grazing Adjustment Factor	Final Adjusted Production lbs/ac K/(1-L)	Harvest Efficiency Factor ***	Lbs of Grazeable Forage Allowed (M x N)	AUM per Acre (O / 913)	Grazing Days per Acre (P x 30.5)
Example	CySu	70	6	64	0.35	22.4	50	1120	0.6	1867	0.3	2667	0.35	933	1.02	31.2
	NS															

\* Refer to exhibit 4-2 of the National Range and Pasture Handbook

\*\* For a 1.92 square foot frame, multiply weight in grams by 50. See Chapter 4, Part 600.0401(c) of the National Range and Pasture Handbook for additional frame sizes and conversion factors.

\*\*\* Rangeland Pastures: 25%. Tame pastures: 35-50% depending on level of grazing management

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Percent of air-dry matter in harvested plant material at various stages of growth. (NRPH chapter 4, exhibit 4-2)	Before Heading; initial growth to boot stage (%)	Headed out; boot state to flowering (%)	Seed ripe; leaf tips partly dry (%)	Leaves dry; stems partly dry (%)	Apparent dormancy (%)	Growth curve number: ND5406		Growth curve number: ND5410	
						Growth curve name: Cool-season grasses.		Growth curve name: Warm-season grasses.	
Cool season grasses	35	45	60	85	95	JAN	0	0	
Warm season grasses						FEB	0	0	
<i>tall</i>	30	45	60	85	95	MAR	3	0	
<i>mid</i>	40	55	65	90	95	APR	10	3	
<i>short</i>	45	60	80	90	95	MAY	35	22	
						JUN	35	30	
						JUL	5	30	
						AUG	2	8	
						SEP	8	5	
						OCT	2	2	
						NOV	0	0	
						DEC	0	0	
	Initial growth to flowering (%)	Flowering to seed maturity (%)	Seed ripe; leaf tips dry (%)	Leaves dry; stems drying (%)	Dry (%)				
Forbs									
<i>succulent</i>	15	35	60	90	100		<b>Ecological Site</b>	<b>Abbreviation</b>	
<i>leafy</i>	20	40	60	90	100		Clayey	Cy	
<i>fibrous leaves or mat</i>	30	50	75	90	100		Clayey Terrace	CyT	
							Claypan	Cp	
							Closed Depression	CD	
							Limy Sands	Lsa	
							Limy Subirrigated	LSb	
							Loamy	Ly	
							Loamy Overflow	LyOv	
							Loamy Terrace	LyT	
							Saline Lowland	SL	
							Sands	Sa	
							Sandy	Sy	
							Sandy Claypan	SyCp	
							Sandy Terrace	SyT	
							Savannah	Sv	
							Shallow Clayey	SwCy	
							Shallow Gravel	SwG	
							Shallow Loamy	SwLy	
Deciduous shrubs	35	50	30	85					
Cactus									
<i>pricklypear and barrel</i>	10	10	15+						

Percent of air-dry matter in harvested plant material at various stages of growth. (NRPH chapter 4, exhibit 4-2)	Before Heading; initial growth to boot stage (%)	Headed out; boot state to flowering (%)	Seed ripe; leaf tips partly dry (%)	Leaves dry; stems partly dry (%)	Apparent dormancy (%)	Growth curve number: ND5406		Growth curve number: ND5410	
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Cactus									
<i>pricklypear and barrel</i>	10	10	15+						

							Shallow Sandy	SwSy		
							Subirrigated	Sb		
							Subirrigated Sands	SbSa		
							Thin Clayey	Tcy		
							Thin Claypan	TCp		
							Thin Loamy	Tly		
							Thin Sands	Tsa		
							Very Shallow	VS		
							Wet Land	WL		
							Wet Meadow	WM		
							<b>FSG</b>	<b>Abbreviation</b>		
							Wet	Wt		
							Loam	Lm		
							Steep Loam	SLm		
							Droughty Loam	DLm		
							Very Droughty Loam	VDLm		
							Clayey Subsoil	CySu		
							Sand	Sa		
							Limy Upland	LUp		
							Overflow	Ov		
							Subirrigated	Sb		
							Claypan	Cp		
							Saline	SI		
							Shallow	Sw		
							Not Suited	NS		