

Germination Survey	Date: <u>6/20/19</u>		Inspected By: <u>Trigillo</u>					
Goal: 3-5 seedlings/sq.ft (~16-27 per 1/2 sq. meter)	Location/Operator: <u>073-06271 / Pronghorn</u>							
Transect Number	1	2	3	4	5	6	7	8
Transect Orientation and first photo, degrees	39.08701 -103.32386	39.08714 -103.32417						
Photo Midpoint (2)								
End transect	39.08715 -103.32420	39.08716 -103.32401						
Aspect/Slope	0-3	0-3						
Quadrat Number	Seedling Germination per 1/2 Square meter							
1	0	1						
2	0	1						
3	0	1						
4	2	2						
5	2	0						
6	0	0						
7	0	0						
8	0	4						
9	0	0						
10	1	0						
11	2	2						
12	2	4						
13	1	2						
14	3	2						
15	1	0						
16	3	2						
17	0	3						
18	1	1						
19	0	2						
20	0	0						
Average	0.9	1.35						
Total Average:	1.125 plants / $\frac{1}{2} m^2$							
<b>Method:</b> Survey is conducted along a 100 foot transect along representative areas of the subject location. A 1/2 meter squared quadrat is placed at the first 10 foot mark, counting seedling germination on one side of the transect, then again on the other side. This measurement is conducted every 10 feet to the end of the 100-foot transect line, totalling 20 quadrat measurements. The 20 quadrat measurements total 54 square feet of assessment. Undesirable plant species do not contribute to this count.								