Step 1- Input the following information. (Click Mouse on white box)

Sporting Stags Required	17	
Calving Rate	35.00%	**
Management Area (Ha)	1266	

Drimnin four year population plan to achieve Cull of 17 sporting stags annually.
2015 - 2019

This gives you a target population

	Stags	Hinds	Calves	Total	Density
Target Population	120	120	42	282	22.3

Step 2- Input current population

	Stags	Hinds	Calves	Total	Density
Current (Spring) Population 2015	76	94	28	198	15.6

Step 3- Input proposed culls and review likely performance against population targets

Population Model	Stags	Hinds	Calves		
Year 1 Spring Population	76	94	28		
Year 1 Summer Population	90	108	38		
Year 1 Cull - 2015/16	6	4	1		
Year 1 Mortality	2	2	2		
Year 2 Spring Population	82	102	34		
Year 2 Summer Population	91	125	44	Summer Deer Count - 2016	
Year 2 Cull - 2016/17	6	17	6		
Year 2 Mortality	2	3	3		
Year 3 Spring Population	83	106	35	No Deer Count Undertaken	
Year 3 Summer Population	101	123	43		
Year 3 Cull - 2017/18	8	13	5		
Year 3 Mortality	2	2	3		
Year 4 Spring Population	104	127	36	Spring SNH Deer Count 2018	
Year 4 Summer Population	122	145	51		
Year 4 Cull - 2018/19	6	1	0		
Year 4 Mortality	2	3	3	**Total**	**Density**
Finish Population	114	141	49	**304**	**24.0**
Target Population	120	120	42	**282**	**22.3**
% of Target Population	**95**	**118**	**118**	**108**	

****Calving Rate= Number of calves born for every 100 hinds (1+Years) (Scottish Average 20-40%)**

Assumptions
2% Stag Motality each year
2% Hind Mortality each year
6% Calf Mortality each year
1 to 1 Hind/Stag Calf Ratio
No immigration/emigration

0.2
0.25
0.3
0.35
0.4

	0.2			
	0.3			
	0.4			