

Sheet1

	Bad	OK	Good	Test	Unit
Time to act	10	30	100	10 years	
Time to replicate	5	30	80	5 years	
Time to capture CO2	5	0	20	5 years	
Agent population	1.00E+11	40000	100	1000000 count	
Expected lifetime	0.19	1	10	0.19 years per agent	
	67.64	356	3560	67.64 days	
Replication period	0.11	0.4	0.0084269663	0.11 years	
	39.16	142.4	3	39.16 days	
Replication success	0.85	0.8	0.9	0.7 probability	
Reuse success	0.9	0.8	0.9	0.9 probability	
Expected replications	1.727272727	2.5	1186.6666667	1.727272727 count	
Expected reuse success	0.89207969	0.745912349	0.8920796897	0.89207969 probability	
Check					
Check lifetime					
Available generations	45.45454545	75	9493.3333333	45.45454545 count	
Growth rate	1.75	1.545912349	1.7920796897	1.59207969 per replication	
Check					
Required generations	45.26040289	24.32573006	7.893989473	29.70814686	
Check					
Check enough generations					

Constraints