

Scenario: DEFINE YOUR SCENARIO

No.	Parameter	Values		
		1. Baseline	2. Positive selection (PS, 0.2)	3. Roguing (0.2)
1	Initial proportion of healthy seed	1	0,8	0,3
2	External inoculum around the farm	20	50	10
3	Maximum seasonal transmission rate	0,02		
4	Weather conduciveness for disease	0,8	0,4	0,7
5	Host susceptibility	0,9	0,2	0,5
6	Vector and weed management	0,8	0,2	0,8
7	Roguing	1	0,5	0,2
8	Seed production rate in healthy plants	4		
9	Plant (seed) selection	1	0,2	0,2
10	Differential seed production	0,9	0,9	
11	Reversion in infected plants	0,1	0,1	
12	Certified seed usage	0	0	
13	Rate of yield decline	0,2	0,2	

4. PS (0.2) + Roguing (0.2)
0,8
40
1
0,7
0
0,2
0,2