Required number of breegings for confidence level 95% Poisson, Binomial and Festing models 80 -60 -Required number of breedings colour binomial festing1 festing2 poisson 20 -100 50 150 200 250 Desired N offsprings average litter size = 7, effective fertility = 60%

Required number of breegings for confidence level 95% Poisson, Binomial and Festing models 1000 -750 **-**Required number of breedings colour binomial festing1 500 festing2 poisson 250 -0 -1000 2000 3000 4000 0 Desired N offsprings average litter size = 7, effective fertility = 60%