

Seed Germination

Passage

Three different types of seed from a bag of wild bird seed were germinated. The seeds used were Linseed, Canola and Millet. 200 seeds from each type were selected. A paper towel was placed on the bottom of six plastic containers. 100 seeds from the same species were evenly distributed on each of the six paper towels. Within three of the plastic containers (one for each species of seed), 65ml of water was placed, thus saturating the paper towel. No water was placed in the remaining three containers.

The six containers were placed side by side within the same lighting and temperature conditions. Each day at the same time, the seeds were inspected for germination. A seed was considered to be germinated if the whole cotyledon was present. The experiment ran for six days and was halted when mold started to appear on seeds that had not yet germinated.

Table 1 shows the results of the six day trial for all six seed containers.

Table 1

Day	65 ml water			no water		
	Linseed	Canola Seed	Millet Seed	Linseed	Canola Seed	Millet Seed
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	79	43	0	13	1	0
4	6	13	0	12	6	0
5	3	2	0	1	0	0
6	0	0	0	0	0	0
Total	88	58	0	26	7	0

Table 1 - Results of the 6 Day Germination Experiment