grades taking other varieties, etc., while the seventh and eighth grades may also test for adulterations and purity.

The germinaters may consist of a common plate, lard pail cover, and two pieces of blotting paper or a piece of canton flannel (4''x4''). Use the larger vegetable seeds for the lower grades. The doing of things is what counts in the life of a pupil. You can never learn to milk a cow by reading how or sitting by and watching the other fellow preform the act. You must sit up and take hold of the teats and properly relax and contract the hands yourself. So each pupil must perform the tests and experiments himself. As a teacher, do not say that you lack room for so many testers, etc. and etc. If you are made of the proper stuff you will make room. The school is for the development of the mind, body and soul of the pupil, not for the the convenience of the teacher. Therefore, each pupil will be provided with a plate, blotting paper or flannel cloth, and a cover for the plate to retain moisture. The cover should be of such a character that several of the testers may be stacked one above the other in some convenient place in the room where proper temperature may be maintained. In the third grade, we will test the corn and beans (all the varieties that are to be planted). We have two varieties of beans and three varieties of corn, making five varieties all told for the grade of thirty pupils. Six pupils will be directed to count out one hundred kernels for his plate from the sack of Stowell's Evergreen corn, another six from Golden Bantam, another six from Black Mexican, another six from Golden Wax bean, and another six from the Red Valentine bean. Each pupil will wet one piece of the blotting paper in a pan of water. Put the paper in the bottom of the plate. Spread the 100 selected seeds on the same, then wet the other piece of paper and place over the seeds. Each pupil will place a label in his plate, bearing name, date, kind of seeds, number that grew, and number that failed to grow.

Sample

May Beaver, Feb. 2, 1913.

Stovell's Evergreen corn

Number sprouted _____

Number dead seeds _____

Test counted Feb. _____

The teacher will also make like tests of the five varieties. Collect the pupils' label records. From the seven tests of each variety, make up an official record for the teacher of agriculture. Explain to the pupils how this record aids the gardener and farmer in planting the remaining seeds in the garden and field. Plant a few of the beans and corn in a box with one glass side, at different depths next to the glass, and cover four beans