(b) A second lopping should be made as soon as the protecting bags are removed and after the required number of capsules have been fertilized. The capsules should be strictly limited to the number that the plant can ripen in a certain period. The length of the period varies with the conditions; it can only be determined by experience; in our trial, it was extended to the 1st of September. an extreme date.

(c) The formation of any new flowers, which might become fertilized when beyond the control of the grower, should, of course, be prevented.

(d) All late eapsules, at the extreme date mentioned (September 1) should be removed, and only those which are well shaped and quite ripe should be gathered.

It will be easily understood that it is impossible to fix dates. These may, to some extent, vary with the seasons, and certainly with the climatic conditions. In Canada, elimatic conditions often vary considerably in the different tobacco growing districts. But from the preliminary tests made during the year 1908, we infer that there is an optimum period of comparatively short duration (about 12 days) during which an effort should be made to gather the tobacco seeds.

The length of the favourable period varies also with the climate. It is certainly much longer in districts where the end of the summer is particularly warm, and probably the test made at Ottawa indicates one of the shortest terms that may be obtained in countries where tohaeco growing is earried on.

IV.—At what time should the capsules be gathered in order to make sure of obtaining ripe seeds.

Table V gives the results of the germination test made with seeds gathered; 1st, when the capsules were completely brown (these we call ripe capsules); 2nd, when the capsules were brown and the sepals still green (these capsules we call half ripe).

Number	Germinator		Artificial soil
	6 days	14 days	21 days
	р. с.	р. с.	p. c.
ARip	e capsules		
64	70 21 21	83 31	84 83 85

670....

672.....

674. .

61

56 2

212

6

-=35.33

40.74

84 78 70

484

=80.66

78 65 13

277

6

=46.16

TABLE V.