

in the class which it resembled most closely. The following table gives the results of this examination of the development of the weevils at the time they were fumigated.

Stages in the development of the pea weevils at the time of fumigation.		Average percentage of weevils at each stage of development when fumigation took place.				
		1897	1898	1900	1901	Average 4 years.
	Larva ($\frac{1}{8}$ grown)	1	14	7	20	11
	Larva ($\frac{1}{2}$ grown)	2	27	10	25	16
	Pupa	47	59	82	53	60
	Adult escaped	50	..	1	2	13

These results are very suggestive. They throw much light upon the probable effectiveness of the fumigation process in the eradication of the pea weevil. It is owing to the irregularity in the development of the weevil that some of the insects escape so early in the season, while others remain in the peas until a much later date.

In some seasons, the weevils develop and escape much earlier than in others. It is quite probable that the conditions of the weather, such as temperature and moisture, exert an influence on their development. In 1902, the weevils did not escape until much later in the season than usual, evidently owing to the wet, cold summer.