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Vol. 63, 1&2, Feb. 1996 M. AHRAT M. HANGA STRUGGLIANDS M. GAMHA

Variability is chiekpes (Circy arctimen 1...) seaptypes for resitance to Callorofine dus maculants F. I. Stored, Prod. Rev. Vol. 25: 97-161.

Investigations on the host preference of Callosobruchus maculatus F. (Col. Bruchidae) and its comparative biology on different varieties of chickpeas in Iran.

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## CREDIA AND, P. F. 1987. Effects of acut change on the frequency and development of 25 leV + 9 her County I fir M. S. TAHERI consider the regular patrick

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DICK, K. M.; CREDLAMP, P. F. 1986. Coorees in the response of Californian macedoms F, to a resistant v TDARTERA pear J. Stored. Prod. Res. Vol. 22:

Repeated applications of chemical insecticides lead to the occurrence of resistant genotypes of plant pests and disease. In this regard five different varieties of chickpeas (Cicer arietinum L.) were tested to find the resistant ones. To conduct this investigation, 50 couples of (C. maculatus) have been released on each experimental units, (each unit was composed of a carton box of 12×3×4 cm, containing 50gr of sterilized chickpea). After 7 days, the units were evacuated and the seeds with eggs on them were transferred into cylindrical glass pots measuring 15x6cm. These pots were covered with fine cloth, and kept in optimum conditions (30±1°C and 60±5% R. H.) to let the F1 generation adults to emerge. According to the average number of F1 generation adults emerged from chickpea varieties from each experimental unit, the final result is summerized as follow:

## 12-60-31>Kouroush>Djam>Kaka>Pirouz

To have an idea of developmental speed of F1 generation on different chickpea varieties, daily observations have also been carried out. Accordingly the number of days between the beginning of ovipostition and the appearance of the first adults (A) and also the length of adult appearance (B) are indicated respectively for all five varieties:

	Djam	12-6031	Kourosh	Pirouz	Kaka
Α	24	25	25	26	28
В	12	12	9	12	7

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