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**MORPHOMETRIC STUDY OF EAR-COCKLES AND RESPONSE
OF CRYTOBIOTIC LARVAE OF *ANGUINA TRITICI* TO
SOME STIMULI**

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Abstract

The number, size and nematodes inside the ear-cockle were greater in the wheat sample of the Pubjab than of Sind origin. Highest number of nematodes in a gall was 19184 and lowest 5348. Quickest reactivation from cryptobiotic state was obtained when nematodes were freed from cockle and brought into direct contact of 0.25% mercuric chloride solution. In water, high temperature of 60 and 100°C was lethal to animals whereas at low temperatures of 0 and 7°C all the nematodes were found alive after 24 hr period.