

Development and Fecundity of *Sitobion avenae* on Some Wheat Cultivars under Laboratory Conditions

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Nymphal development time and fecundity of *Sitobion avenae* (F.) (Homoptera: Aphididae) were determined on nine widespread wheat varieties cultivated in Tekirdağ Region in Turkey. Tests were carried out in controlled environment chambers (25±1°C, 65±5% r.h.; 16:8, L:D). Development time (±S.E.) ranged from 5.75±0.25 to 7.20±0.20 days. Fecundity per female of *S. avenae* was found to be the highest (12.87±1.50) on wheat cv. 'Sana'. In this investigation cvs. 'MV-17', 'Miryana', 'Pehlivan' and 'Saraybosna' were particularly resistant against *S. avenae*.

KEY WORDS: Insecta; *Sitobion avenae*; fecundity; development time; wheat; host resistance.

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