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## TOLERANCE OF SOME RICE VARIETIES TO WHORL MAGGOT DAMAGE

The whorl maggot, *Hydrellia philippina* Ferino (Diptera: Ephydriidae) is gaining importance as pest of rice in Kerala. With a view to ascertain the relative susceptibility of different rice varieties and cultures to damage by the whorl maggot, 531 entries in the germ plasm maintained at Rice Research Station, Pattambi were observed during the first crop season (April to August) 1976-77. Whorl maggot damage was scored 25 days after planting using the standard 0-9 scale (IRRI, 1975). The varieties showed varying degrees of damage and the mean damage score varied from 2.45 to 5.60. Eleven entries (Table 1) showed moderate resistance, recording a mean damage score less than 3.0. The other varieties showed high susceptibility.

**Table 1** Damage score of whorl maggot on different rice varieties

Accession number/culture number	Mean damage score
1052	2.80
13 I	2.65
449	2.70
625	2.70
Vellari	2.95
IR 9-60-472	2.90
IR 154-45-1-2	2.50
Vellamthath Kaduthuruthi	2.80
J. 1-90	2.95
J. 1-449	2.45
T. 10022	2.60

### REFERENCE

International Rice Research Institute 1975 *Standard Evaluation system for Rice* IRRI, Philippines, 48.

Rice Research Station,  
Moncompu.

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