

## **Screening of rice cultivars/promising genotypes/germplasms against *Meloidogyne graminicola***

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**ABSTRACT:** An experiment was carried out with twenty different rice varieties to screen them against root-knot nematode *Meloidogyne graminicola*. The results indicated that out of 20 different rice varieties/genotypes screened against *M. graminicola*, three varieties viz., Pusa basmati (V<sub>10</sub>), Jaya (V<sub>18</sub>) and Purple incitator (V<sub>19</sub>) were moderately resistant and nine varieties viz., Danti (V<sub>5</sub>), IR-36 (V<sub>6</sub>), Phalguni (V<sub>9</sub>), IR-28 (V<sub>12</sub>), GR-8 (V<sub>13</sub>), GR-9 (V<sub>14</sub>), GAR-1 (V<sub>15</sub>), Ashoka 200F (V<sub>17</sub>) and Maburi (V<sub>20</sub>) were tolerant to *M. graminicola*.

**Key Words:** Screening, rice, *Meloidogyne graminicola*, resistance.