**Supplementary Table 1** Morphometrics of adult females of plant-parasitic nematodes obtained from roots and rhizosphere soils of *Oryza sativa* L. cv. Khao Dawk Mali 105

|  |  |
| --- | --- |
| Morphometric parameter | Length (µm) \* |
| *M. graminicola\*\** | *Hirschmanniella* | *Pratylenchus* | *Helicotylenchus* | *Tylenchorhynchus* |
| Overall body length  | 506.60 ± 62.40(450.90-609.40) | 2,034.20 ± 183.40(1625.37-2293.41) | 536.19 ± 61.85(409.60-636.90) | 730.98 ± 51.32(640.10-824.10) | 709.34 ± 49.13(640.00-807.40) |
| Maximum body diameter  | 15.80 ± 2.08(12.20-18.70) | 32.40 ± 3.21(28.40 - 37.80) | 24.04 ± 3.60(18.00-29.40) | 31.10 ± 1.17(29.10-32.90) | 22.34 ± 1.53(19.10-24.40) |
| Tail length  | 79.50 ± 7.53(67.90-91.70) | 86.16 ± 3.88(79.80-94.30) | 35.25 ± 4.58(27.90-43.00) | 16.82 ± 2.73(12.30-22.70) | 53.74 ± 6.39(41.50-62.80) |
| (%) V position  | - | 54.80 ± 3.32(48.20-59.30) | 79.51 ± 3.14(73.00-84.70) | 62.74 ± 0.91(61.10-64.30) | 53.91±1.34(51.30-55.80) |
| Hyaline tail part | 18.20 ± 1.73(15.60-21.00) | - | - | - | - |
| Stylet length  | 11.60 ± 1.71(9.70-13.20) | 26.44 ± 2.29(23.00-29.40) | 154.196±19.50(123.10-188.20) | 25.76 ± 1.83(23.10-28.60) | 20.53 ± 1.65(18.30-23.40) |
| DGO to stylet knobs | 2.80 ± 0.84(2.30-3.60) | 3.15 ± 0.76(2.10-4.60) | 2.82±0.86(1.50-4.10) | 9.08 ± 1.40(9.10-13.60) | 2.39 ± 0.17(2.10-2.60) |
|  |  |  |  |  |  |

 DGO = dorsal pharyngeal gland opening; \* Mean ± SD (n = 25) \*\* second-stage juveniles of *Meloidogyne graminicola*