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|-------|--------------------------------------|----------------|-------------|--|-----------------------------|---|
| Plant | | Common millet | | 434 | Primary essential character | |
| No | Characters | No. of samples | Methods | Rank or measurement unit | | Remarks |
| 1 | Heading time | Block | Observation | date | | Date when 40-50% panicles have emerged |
| 2 | Plant height uniformity | Block | Observation | 1:Very irregular 3:Irregular 5:Intermediate 7:Uniform 9:Very uniform | | At the end of flowering time |
| 3 | Growth habit | Block | Observation | 1:Prostrate 3:Decumbent 5:Intermediate 7:Semi-erect 9:Erect | | At the end of flowering time |
| 4 | Maturity | Block | Observation | date | | |
| 5 | Caryopsis color | Block | Observation | 1:White 2:Yellowish white 3:Yellow 4:Yellowish brown 5:Brown 6:Red brown 7:Dark brown 8:Black | | |
| 6 | Culm length | 10 plants | Measurement | cm (integer) | | Length from the ground to the neck of a panicle at maturity |
| 7 | Leaf sheath hairiness | Block | Observation | 0:None 3:Sporadic 5:Intermediate 7:Dense | | During growth period |
| 8 | Anthocyanin pigmentation on panicles | Block | Observation | 0:None 9:Pigmented | | At maturity |

| Plant | | Common millet | | 434 | Primary optional character | |
|-------|--|----------------|-------------|---|----------------------------|---------------|
| No | Characters | No. of samples | Methods | Rank or measurement unit | | Remarks |
| 1 | Number of tillers | 10 plants | Measurement | (integer) | | |
| 2 | Number of higher branches on main culm | 10 plants | Measurement | (round to the 1st decimal place) | | |
| 3 | Panicle shape | Block | Observation | 1:var.effusum Al. 2:var.contractum Al. 3:var.compactum Kcke. 4:Other | | |
| 4 | Caryopsis shape | Block | Observation | 2:Round 5:Intermediate 8:Elliptic | | Mature grains |
| 5 | 1000-grain weight | Block | Measurement | g (round to the 2nd decimal place) | | |
| 6 | Endosperm waxiness | 50 grains | Observation | 2:Non-waxy 5:Intermediate 8:Waxy | | |
| 7 | Caryopsis length | 10 grains | Measurement | mm (round to the 1st decimal place) | | |
| 8 | Caryopsis width | 10 grains | Measurement | mm (round to the 1st decimal place) | | |
| 9 | Hulled grain color | Block | Observation | 3:White 5:Yellowish white 7:Yellow | | |
| 10 | Polished grain color | Block | Observation | 3:White 5:Yellowish white 7:Yellow | | |

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|-------|-------------------|---------------|----------------|-------------|---|-------------------------------|---------|
| Plant | | Common millet | | 434 | | Secondary essential character | |
| No | Characters | | No. of samples | Methods | Rank or measurement unit | | Remarks |
| 1 | Lodging tolerance | | Block | Observation | 3:Low 4:Slightly low 5:Intermediate 6:Slightly high 7:High | | |

| Plant | | Common millet | | 434 | Tertiary essential character | |
|-------|---------------|----------------|-------------|---------------------------------------|------------------------------|---|
| No | Characters | No. of samples | Methods | Rank or measurement unit | | Remarks |
| 1 | Grain yield | Block | Measurement | kg/a (round to the 1st decimal place) | | Average weight of grains with lemmata and paleae (calculated as the water content of 12.5%) per a (100 square meters) |
| 2 | Threshability | Block | Observation | 3:Easy 5:Intermediate 7:Difficult | | Ease of threshing |
| 3 | Hulling habit | Block | Observation | 3:Easy 5:Intermediate 7:Difficult | | Ease of hulling |
| 4 | Hulling ratio | 100 g | Measurement | % (round to the 1st decimal place) | | |

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|-------|-------------------------|----------------|-------------|---------------------------------------|-----------------------------|---------|
| Plant | | Common millet | | 434 | Tertiary optional character | |
| No | Characters | No. of samples | Methods | Rank or measurement unit | | Remarks |
| 1 | Total dry matter weight | Block | Measurement | kg/a (round to the 1st decimal place) | | |