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| Moderator variables | Levels | Short description |
| Study type | Field  Pots  Labs | Research stations and farmers’ plots  Pots placed on field and greenhouses  Incubators and controlled environment chambers |
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| Climatea | Temperate  Equatorial  Semi-arid  Arid | Cfb, Csa and Cwa  Aw  BSh and BSk  BWh |
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| Yield-limiting factor | Non-stressed  Nutrient deficient  Salinity | No major nutrient or water limitations identified  Nutrient deficiencies identified as the major constraint  Saline water or soil identified as the main constraint |
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| Plant type | Monocots  Dicots | Barley, sorghum, wheat, rice, pearl millet, maize, korarima and finger millet  Chickpea, cotton, cowpea, groundnut, sesame, *Dracocephalum kotschyi* Boiss, fennel, mungbean and horsegram |
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