



AGROSYM

BOOK OF ABSTRACTS



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SELECTION CRITERIA AND LOCAL NAMES OF GUINEA SORREL (*HIBISCUS SABDARIFFA* L.) CULTIVARS IN FOUR PROVINCES OF BURKINA FASO

Mariam KIEBRE^{1*}, Clémence ZERBO¹, Zakaria KIEBRE¹, Romaric Kiswendsida NANEMA¹,
Fanta Reine Sheirita TIETIAMBOU², Hamid EL BILALI³, Mahamadou SAWADOGO¹,
Jacques NANEMA¹

¹University Joseph KI-ZERBO, Ouagadougou, Burkina Faso

²University Nazi BONI/University Centre of Gaoua, Gaoua, Burkina Faso

³International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM-Bari), Valenzano (Bari), Italy

*Corresponding author: mariam.kiebre@ujkz.bf

Abstract

Hibiscus sabdariffa is a leafy vegetable which leaves, calyxes, flower buds, and seeds are used in various forms for human consumption. However, the lack of improved varieties adapted to the needs of stakeholders constitutes a major constraint for its promotion. Considering the different stakeholders in the choice of selection criteria necessary to facilitate the adoption of improved varieties, this study was conducted. To do this, individual interviews through a semi-structured questionnaire associated with a participatory selection were conducted with the actors of the value chain in 11 villages. The data collected focused on the selection and identification criteria of cultivars. The results showed that on the basis of the type of use, producers used the color and length of the calyxes (65%), the tenderness of the leaves (20%), the size of the capsules (10%) and the cycle (5%) as selection criteria. The length of the capsules, the length and color of the calyxes were the criteria used in the nomenclature. Thus, based on these criteria, three cultivars were identified: the small-capsule cultivar, the short-calyx cultivar, and the long-calyx cultivar. These cultivars are called “Proussa”, “bii”, and “wegda” in the Moré language, respectively. Based on the color, three morphotypes namely the long calyx morphotype of bright red color “Bissap”, long calyx of light red color “wègda-miougou”, long calyx of light green color “wègda-pèlga” were identified within the long calyx cultivar. As for the short calyx cultivar, it was the short calyx morphotype of light green color “bii-pelga” and red color “bii-miougou”.

Keywords: *Hibiscus sabdariffa*, use, cultivars, calyx, morphotypes.