

|                                                      |                          |
|------------------------------------------------------|--------------------------|
| Common Name                                          | NASPOT130                |
| Plant Type estimating 3-9                            | Semi-erect (75-150 cm)   |
| Ground Cover estimating 3-9                          | High (75-90%)            |
| Predominant Vine Color estimating 1-9                | Green                    |
| Secondary Vine Color estimating 0-7                  | Absent                   |
| Vine Tips Pubescence estimating 0-7                  | Moderate                 |
| Vine internode diameter estimating 1-9               | Thin (4-6 mm)            |
| Vine internode length estimating 1-9                 | Very short (<3 cm)       |
| General Outline of the Leaf estimating 1-7           | Lobed                    |
| Leaf Lobes Type estimating 0-9                       | Very deep                |
| Leaf Lobe Number estimating 1-9                      | 5 Lobe                   |
| Shape of Central Leaf Lobe estimating 0-9            | Elliptic                 |
| Abaxial Leaf Vein Pigmentation estimating 1-9        | Green                    |
| Immature Leaf Color estimating 1-9                   | Mostly purple            |
| Mature Leaf Color estimating 1-9                     | Green                    |
| Mature Leaf Size estimating 3-9                      | Medium (8-15 cm)         |
| Petiole length estimating 1-9                        | Short (10-20 cm)         |
| Petiole Pigmentation estimating 1-9                  | Green                    |
| Flower color estimating 1-6                          | #NULL!                   |
| Storage Root Shape estimating 1-9                    | Long irregular or curved |
| Predominant Skin color estimating 1-9                | Cream                    |
| Intensity of Predominant Skin color estimating 1-3   | Intermediate             |
| Secondary Skin color estimating 1-10                 | #NULL!                   |
| Predominant Flesh color estimating 1-9               | Intermediate orange      |
| Secondary Flesh color estimating 0-9                 | Absent                   |
| Distribution of Secondary Flesh color estimating 0-9 | Absent                   |
| Storage Root Cortex Thickness estimating 1-9         | Thin (1-2 mm)            |
| Dry Matter %                                         | 27.2                     |
| Protein (%)                                          | 2.786953                 |
| b-carotene (mg/100g) DW (Lima)                       | 48.7529449               |
| Fe (mg/100g) DW                                      | 1.5254893                |
| Zn (mg/100g) DW                                      | 1.1659808                |
| Ca (mg/100g) DW                                      | 45.0935059               |
| Mg (mg/100g) DW                                      | 65.8393555               |
| Starch (%)                                           | 63.7922249               |
| Fructose (%)                                         | 1.5005836                |
| Glucose (%)                                          | 2.4841681                |
| Sucrose (%)                                          | 12.7421656               |
| Maltose (%)                                          | 0.686204                 |

TRIAL METADATA

|                                       |                                                                                                        |
|---------------------------------------|--------------------------------------------------------------------------------------------------------|
| Title                                 | Morpholigical Characterisation Trial for the 100 Best Bet Sweetpotato Germplam in sub-Sahara Africa    |
| Leader                                | Dr. Jan Low and Dr. Benjamin Musembi Kivuva                                                            |
| Collaborators                         | Edward Carey; Robert Mwanga; Jolien Swankert; Bramwel Wanjala; Luka Wanjohi; Faith Njunge;             |
| Affiliation                           | Kenya Agricultural & Livestock Research Organization (KALRO) and the International Potato Center (CIP) |
| Contact_name                          | Jolien Swankert                                                                                        |
| Contact_affiliation                   | International Potato Center                                                                            |
| Contact_e-mail                        | J.Swanckaert@cgiar.org                                                                                 |
| Crop                                  | Sweetpotato                                                                                            |
| Language                              | English                                                                                                |
| Contributor_center                    | International Potato Center                                                                            |
| Contributor_CRP                       | CGIAR Roots, Tubers & Bananas                                                                          |
| Contributor_funder                    | Bill and Melinda Gates Foundation (BMGF)                                                               |
| Project_name                          | Sweetpotato for Action and Health in Africa (SASHA)                                                    |
| Begin_date                            | 43221                                                                                                  |
| End_date                              | 43374                                                                                                  |
| Format                                | xlsx                                                                                                   |
| Software_name                         | SWEETPOTATOBASE.ORG; HIDAP; FieldBook App;                                                             |
| Version                               | NA                                                                                                     |
| CIP_Region                            | sub-Sahara Africa (SSA)                                                                                |
| Continent                             | Africa                                                                                                 |
| Country                               | Kenya                                                                                                  |
| Admin1                                | Makueni County                                                                                         |
| Admin2                                | Makindu                                                                                                |
| Admin3                                | KARLO Kiboko sub-Center                                                                                |
| Locality                              | Kiboko                                                                                                 |
| Site_short_name                       | Kiboko                                                                                                 |
| Elevation                             | 1000 Meters                                                                                            |
| Latitude                              | 2° 10' and 2° South                                                                                    |
| Longitude                             | 37° 40' and 37° 55' East                                                                               |
| Experimental_design                   | Randomized Complete Block Design                                                                       |
| Experimental_design_abbreviation      | RCBD                                                                                                   |
| Number_of_replications_or_blocks      | 4                                                                                                      |
| Block_size_(applicable_for_BIBD_only) | NA                                                                                                     |
| Experimental_Environment              | Field                                                                                                  |
| Number_of_plants_planted_per_plot     | 10                                                                                                     |