

# EXTRACT OF THE NATIONAL VARIETY LIST FOR ROOTS, TUBERS AND BANANA

| <b>Species: <i>Manihot esculanta</i></b> |                        |               |                                   |                                          |                                    |                           |                                                                                                |
|------------------------------------------|------------------------|---------------|-----------------------------------|------------------------------------------|------------------------------------|---------------------------|------------------------------------------------------------------------------------------------|
| <b>Variety name/code</b>                 | <b>Year of release</b> | <b>Owners</b> | <b>Maintainer and seed source</b> | <b>Optimal production altitude range</b> | <b>Duration to maturity (days)</b> | <b>Grain yield (T/Ha)</b> | <b>Special attributes</b>                                                                      |
| 1.Bukalasa II                            | 1970                   | NARO          | NARO                              | 1000 - 1600                              | 365                                | 13-20                     | Moderately susceptible to CMD,CBB resistant to CGM, very palatable                             |
| 2.Embwa-Natereka                         | 1970                   | NARO          | NARO                              | 1000 - 1600                              | 365                                | 25-34                     | Highly susceptible to CMD, moderately susceptible to CBB, resistant to CGM                     |
| 3.BOA                                    | 1970                   | NARO          | NARO                              | 1000 - 1600                              | 365                                | 21                        | Susceptible to CMD,CBB and CGM                                                                 |
| 4.NASE I (TMS 60142)                     | 1994                   | NARO          | NARO                              | 1000 - 1600                              | 365                                | 23                        | Resistant to CMD,CBB and CGM                                                                   |
| 5.NASE 2 (TMS 30337)                     | 1994                   | NARO          | NARO                              | 1000 - 1600                              | 365                                | 27                        | Good resistance to CMD,CBB and CGM                                                             |
| 6.NASE 3 (TMS 30572)                     | 1994                   | NARO          | NARO                              | 1000 - 1600                              | 365                                | 26                        | Resistant to CMD,CBB and CGM, good storability in the soil                                     |
| 7.NASE 4 (SS4)                           | 1999                   | NARO          | NARO                              | 1000 - 1600                              | 365                                | 35-50                     | High resistance to CMD, good resistance to CBB, low resistance to CGM, low cynogenic potential |
| 8.NASE 5 (SS5)                           | 1999                   | NARO          | NARO                              | 1000 - 1600                              | 365                                | 28-40                     | Good resistance to CMD, moderate resistance to CBB and CGM, low cyanogenic potential           |
| 9.NASE 6 (TMS 4(2)1425)                  | 1999                   | NARO          | NARO                              | 1000 - 1600                              | 365                                | 25-35                     | Good resistance to CMD,CBB and CGM, low cyanogenic potential                                   |
| 10.NASE 7 (CE 85)                        | 1999                   | NARO          | NARO                              | 1000 - 1600                              | 365                                | 30-45                     | Good resistance to CMD,CBB and fair resistance                                                 |

|                             |      |      |      |             |     |       |                                                                                                      |
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|                             |      |      |      |             |     |       | to CGM, low cyanogenic potential                                                                     |
| 11.NASE 8<br>(CE 98)        | 1999 | NARO | NARO | 1000 - 1600 | 365 | 30-40 | Good resistance to CMD,CBB and moderate resistance to CGM, low cyanogenic potential                  |
| 12.NASE 9<br>(30555-17)     | 1999 | NARO | NARO | 1000 - 1600 | 365 | 30-45 | Good resistance to CMD,CBB and CGM, low cyanogenic potential                                         |
| 13.NASE 10<br>(95/NA 00063) | 1999 | NARO | NARO | 1000 - 1600 | 365 | 35    | High mosaic resistance, fair resistance to CBB, and high resistance to CGM, low cyanogenic potential |
| 14.NASE 11<br>(29/NA 2TC 1) | 2000 | NARO | NARO | 1000 - 1600 | 365 | 35    | Tolerant to mosaic, high resistance to CGM, fair resistance to CBB, low cyanogenic potential         |
| 15.NASE 12<br>(MH95/0414)   | 2000 | NARO | NARO | 1000 - 1600 | 395 | 38    | Very high mosaic resistance, fair resistance to CBB, susceptible to CGM, low cyanogenic potential    |
| 16.NASE 13                  | 2011 | NARO | NARO | 1000 - 1600 | 365 | 35    | Resistance to CMV                                                                                    |
| 17.NASE 14                  | 2011 | NARO | NARO | 1000 - 1600 | 365 | 35-40 | Very high resistance to CMV, fair resistance to CBS                                                  |
| 18.NASE 15                  | 2011 | NARO | NARO | 1000 - 1600 | 365 | 35    | High resistance to CMV, Resistance to CBSD                                                           |
| 19.NASE 16                  | 2011 | NARO | NARO | 1000 - 1600 | 365 | 35    | Resistance to CMV                                                                                    |
| 20.NASE 17                  | 2011 | NARO | NARO | 1000 - 1600 | 365 | 40    | Resistance to CMV                                                                                    |
| 21.NASE 18                  | 2011 | NARO | NARO | 1000 - 1600 | 365 | 35    | High resistance to CMV,Resistance to CBSD                                                            |
| 21.NASE 19                  | 2011 | NARO | NARO | 1000 - 1600 | 365 | 35-40 | High resistance to CMV,Resistance to CBSD                                                            |
| 22.NAROCASS 1<br>Tz/130     | 2015 | NARO | NARO | 1000 - 1600 | 365 | 48    | High fresh and dry root yields, High levels of CMD resistance<br>Tolerant to CBSD                    |

|                            |      |      |      |             |     |    |                                                                                         |
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| 23.NAROCASS 2<br>MM 06/130 | 2015 | NARO | NARO | 1000 - 1600 | 365 | 45 | High fresh and dry root<br>yields, High levels of CMD<br>resistance<br>Tolerant to CBSD |
|----------------------------|------|------|------|-------------|-----|----|-----------------------------------------------------------------------------------------|

| <b>Species: <i>Ipomea batatas</i></b> |                        |               |                                   |                                          |                                    |                           |                                              |
|---------------------------------------|------------------------|---------------|-----------------------------------|------------------------------------------|------------------------------------|---------------------------|----------------------------------------------|
| <b>Variety name/code</b>              | <b>Year of release</b> | <b>Owners</b> | <b>Maintainer and seed source</b> | <b>Optimal production altitude range</b> | <b>Duration to maturity (days)</b> | <b>Grain yield (T/Ha)</b> | <b>Special attributes</b>                    |
| 1.Wagabolige                          | 1995                   | NARO          | NARO                              | 1000 - 1600                              | 120-150                            | 24                        | Moderately resistant to sweet potato virus   |
| 2.Tanzania (TZ)                       | 1995                   | NARO          | NARO                              | 1000 - 1600                              | 120                                | 23                        | Moderately susceptible to sweet potato virus |
| 3.Bwanjule (No.29)                    | 1995                   | NARO          | NARO                              | 1000 - 1600                              | 120-150                            | 21                        | Moderately susceptible to sweet potato virus |
| 4.Tororo 3 (T3)                       | 1995                   | NARO          | NARO                              | 1000 - 1600                              | 120-130                            | 24                        | Moderately susceptible to sweet potato virus |
| 5.Sowola (389A)                       | 1995                   | NARO          | NARO                              | 1000 - 1600                              | 100-120                            | 26                        | Moderately susceptible to sweet potato virus |
| 6.New Kawogo (NKA)                    | 1995                   | NARO          | NARO                              | 1000 - 1600                              | 130-150                            | 23                        | Moderately susceptible to sweet potato virus |
| 7.NASPOT 1 (NIS/91/52)                | 1999                   | NARO          | NARO                              | 1000 - 1600                              | 120                                | 45                        | Moderately susceptible to sweet potato virus |
| 8.NASPOT 2                            | 1999                   | NARO          | NARO                              | 1000 - 1600                              | 120                                | 33                        | Resistant to sweet potato virus              |
| 9.NASPOT 3                            | 1999                   | NARO          | NARO                              | 1000 - 1600                              | 120                                | 29                        | Resistant to sweet potato virus              |
| 10.NASPOT 4 (NIS/91/282)              | 1999                   | NARO          | NARO                              | 1000 - 1600                              | 120                                | 28                        | Resistant to sweet potato virus              |
| 11.NASPOT 5 (NIS/91/316)              | 1999                   | NARO          | NARO                              | 1000 - 1600                              | 150                                | 30                        | Resistant to sweet potato virus              |
| 12.NASPOT 6 (NIS/91/324)              | 1999                   | NARO          | NARO                              | 1000 - 1600                              | 120                                | 28                        | Moderately resistant to sweet potato virus   |

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| 13.NASPOT 11<br>(NKA 1081L)         | 2010 | NARO | NARO | 1000 - 1600 | 120 | 28     | Resistant to sweet potato virus disease and <i>Alternaria</i> spp                |
| 14.NASPOT 12-0                      | 2014 | NARO | NARO | 1000 - 1600 | 120 | 28     | High vitamin A content, resistant to sweet potato weevil, low dry matter         |
| 15.NASPOT 13-0                      | 2014 | NARO | NARO | 1000 - 1600 | 120 | 28     | High vitamin A content, resistant to sweet potato weevil, low dry matter         |
| 16.NAROSPOT 1<br>(New Dimbuka)      | 2017 | NARO | NARO | 1000 - 1600 | 120 | 32     | High yielding                                                                    |
| 17.NAROSPOT 2<br>(NAs 7/2006/1139)  | 2017 | NARO | NARO | 1000 - 1600 | 120 | 14- 18 | High resistance to alternaria blight and SPVD                                    |
| 18.NAROSPOT 3<br>(NK318L/2011/5695) | 2017 | NARO | NARO | 1000 - 1600 | 120 | 18-20  | Moderate resistance to alternaria blight<br>Moderate resistance to weevil damage |
| 19.NAROSPOT 4<br>(NAS 7/2006/1160)  | 2017 | NARO | NARO | 1000 - 1600 | 120 | 18-22  | High resistance to alternaria blight and SPVD<br>Weevil resistant                |
| 20.NAROSPOT 5<br>(SPK004/2006/229)  | 2017 | NARO | NARO | 1000 - 1600 | 120 | 18-20  | Moderate resistance to weevil damage                                             |

| Species: <i>Solanum tuberosum</i> |                 |        |                            |                                   |                             |                    |                                                       |
|-----------------------------------|-----------------|--------|----------------------------|-----------------------------------|-----------------------------|--------------------|-------------------------------------------------------|
| Variety name/code                 | Year of release | Owners | Maintainer and seed source | Optimal production altitude range | Duration to maturity (days) | Grain yield (T/Ha) | Special attributes                                    |
| 1.Malirahinda                     | 1974            | NARO   | NARO                       | > 1600                            | 95-100                      | 10-15              | Moderate resistance to late blight and bacterial wilt |

|                           |      |      |      |        |         |       |                                                                                                                          |
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| 2.Victoria<br>381381.2    | 1991 | NARO | NARO | > 1600 | 75-90   | 12-20 | Resistant to late blight and bacterial wilt                                                                              |
| 3.Kisoro<br>381379.9      | 1991 | NARO | NARO | > 1600 | 80-100  | 15-20 | Moderate resistance to late blight and bacterial wilt                                                                    |
| 4.Kabale<br>374080.5      | 1991 | NARO | NARO | > 1600 | 100-120 | 28    | Moderate resistance to late blight and bacterial wilt                                                                    |
| 5.NAKPOT 1<br>(382171.4)  | 1999 | NARO | NARO | > 1600 | 90-100  | 31-38 | Resistant to early and late blight resistant to potato leaf roll virus                                                   |
| 6. NAKPOT 2<br>(381403.8) | 1999 | NARO | NARO | > 1600 | 95-115  | 25-28 | Resistant to both early and late blight, susceptible to bacterial wilt and potato leaf roll virus                        |
| 7.NAKPOT 3<br>(575049)    | 1999 | NARO | NARO | > 1600 | 85-100  | 25-34 | Tolerant to bacterial wilt, resistant to both early and late blight, resistant to potato leaf roll virus                 |
| 8.NAKPOT 4<br>(387121.4)  | 2002 | NARO | NARO | > 1600 | 118     | 25-35 | Tolerant to bacterial wilt, resistant to both early and late blight, resistant to potato leaf roll virus                 |
| 9.NAKPOT 5<br>(381471.18) | 2002 | NARO | NARO | > 1600 | 118     | 25-35 | Tolerant to bacterial wilt, resistant to both early and late blight, resistant to potato leaf roll virus                 |
| 10.KACHPOT1<br>393382.14  | 2006 | NARO | NARO | > 1600 | 118     | 25-35 | Tolerant to bacterial wilt, resistant to both early and late blight, resistant to potato leaf roll virus, good for chips |
| 11.KACHPOT2<br>393385.39  | 2006 | NARO | NARO | > 1600 | 118     | 25-35 | Tolerant to bacterial wilt, resistant to both early and late blight, resistant to                                        |

|                            |      |                |             |        |     |        |                                                                              |
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|                            |      |                |             |        |     |        | potato leaf roll virus, good for chips                                       |
| 12.NAROPOT 1<br>396038.107 | 2015 | NARO           | NARO        | > 1600 | 118 | 25-35  | High yielding, resistant to and late blight, have good processing qualities. |
| 13.NAROPOT 2<br>396280.82  | 2015 | NARO           | NARO        | > 1600 | 118 | 25-35  | Resistant to late blight, have good processing qualities                     |
| 14.NAROPOT 3<br>396034.103 | 2015 | NARO           | NARO        | > 1600 | 118 | 25-35  | High yielding, resistant to and late blight, have good processing qualities  |
| 15.Arizona                 | 2016 | AGRICO         | AGRICO/NARO | >1600  | 118 | 28- 40 | High yielding, good processing qualities                                     |
| 16.Elmundo                 | 2016 | KWS            | KWS/NARO    | >1600  | 118 | 28-40  | High yielding, good processing qualities                                     |
| 17.Sagitta                 | 2016 | HZPC           | HZPC/NARO   | >1600  | 118 | 28-40  | High yielding, good processing qualities                                     |
| 18.Markies                 | 2016 | AGRICO         | AGRICO/NARO | >1600  | 118 | 28-40  | High yielding, good processing qualities                                     |
| 19.Connect                 | 2016 | DEN<br>HARTIGH | DEN HARTIGH | >1600  | 118 | 28-40  | High yielding<br>Resistant to late blight.<br>Good processing qualities      |
| 20.Sarpomira               | 2016 | DANESPO        | DANESPO     | >1600  | 118 | 28-40  | High yielding<br>Resistant to late blight.<br>Good processing qualities      |
| 21.Voyager                 | 2016 | HZPC           | HZPC/NARO   | >1600  | 118 | 28-40  |                                                                              |
| 22.NAROPOT 4<br>(Rwangume) | 2016 | NARO           | NARO        | >1600  | 118 | 25-30  | High yielding<br>Resistant to late blight.                                   |

| <b>Species: <i>Musa spp</i></b> |                        |               |                                   |                                          |                                    |                              |                                                                                                           |
|---------------------------------|------------------------|---------------|-----------------------------------|------------------------------------------|------------------------------------|------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Variety name/code</b>        | <b>Year of release</b> | <b>Owners</b> | <b>Maintainer and seed source</b> | <b>Optimal production altitude range</b> | <b>Duration to maturity (days)</b> | <b>Bunch yield (T/Ha/yr)</b> | <b>Special attributes</b>                                                                                 |
| 1.KABANA 1H (FHIA 01)           | 1999                   | NARO          | NARO                              | 1000-1600                                | 133                                | 39                           | Resistant to black sigatoka and banana weevils, tolerant to nematodes, tolerant to drought                |
| 2.KABANA 2H (FHIA 03)           | 1999                   | NARO          | NARO                              | 1000-1600                                | 122                                | 33                           | Resistant to black sigatoka and banana weevils, tolerant to nematodes, tolerant to drought                |
| 3. KABANA 3H (FHIA 17)          | 2000                   | NARO          | NARO                              | 1000-1600                                | 124                                | 44                           | Resistant to black sigatoka and banana weevils, tolerant to nematodes, tolerant to drought                |
| 4. KABANA 4H (FHIA 23)          | 2000                   | NARO          | NARO                              | 1000-1600                                | 128                                | 40                           | Resistant to black sigatoka, fusarium wilt and banana weevils, tolerant to nematodes                      |
| 5.KABANA 5 (YAGAMBI)            | 2000                   | NARO          | NARO                              | 1000-1600                                | 148                                | 20                           | Resistant to black sigatoka, fusarium wilt and banana weevils, tolerant to nematodes                      |
| 6. KABANA 6 H (Kiwangazi)       | 2010                   | NARO          | NARO                              | 1000 - 1600                              | 124                                | 40                           | Resistant to banana weevils, Sigatoka and nematodes, Long lasting i.e., mat disappearance is over 5 years |
| 7. KABANA 7 H                   | 2013                   | NARO          | NARO                              | 1000 - 1600                              | 132                                | 35                           | Resistant to banana weevils, Sigatoka and nematodes                                                       |

|                       |      |      |      |           |         |      |                                                                                                                 |
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| 8. NAROBAN 1<br>(M19) | 2017 | NARO | NARO | 1000-1600 | 140     | 55   | Resistant to black<br>Sigatoka<br>Tolerant to Nematodes<br>and weevils                                          |
| 9. NAROBAN 2<br>(M20) | 2017 | NARO | NARO | 1000-1600 | 130     | 60   | Resistant to black<br>Sigatoka<br>Tolerant to Nematodes<br>and weevils                                          |
| 10.NAROBAN 3<br>(M25) | 2017 | NARO | NARO | 1000-1600 | 142     | 64   | Resistant to black<br>Sigatoka<br>Tolerant to Nematodes<br>and weevils                                          |
| 11.NAROBAN4<br>(M27)  | 2017 | NARO | NARO | 1000-1600 | 126     | 67   | Resistant to black<br>Sigatoka<br>Tolerant to Nematodes<br>and weevils                                          |
| 12. NAROBAN 5         | 2019 | NARO | NARO | 1000-1600 | 150-160 | 54.5 | Big fruit size<br>Resistant to Black sigatoka<br>Highly resistant to weevils<br>Resistant to nematode<br>damage |