**ANNEX 24 - STATUS OF MAPPING POPULATIONS**

**Mapping populations in IITA (Arusha and Namulonge/Sendusu) and NARO (Kawanda) as of October 23, 2016**

| **S/n** | **Female parent** | **Male parent** | **Intended segregation** | **Location** | ***R. similis* resistance** | **B Sigatoka resistance** | **Person in charge** | **Plants in T/C** | **Plants****In nursery** | **Plants in field**  | **Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | ITC.0591 Kasaska | ITC.0253 Borneo | Weevil resistance | NARO | Borneo: SKasaska: R | Borneo: 2Kasaska: 6 | Tendo/Ivan |  |  | 253 genotype, established field | COMPLETE: ( 253 genotypes) |
| 2 | ITC.0609 Pahang | ITC.0299Guyod | Drought, black Sigatoka, bunch orientation, bunch size, finger size, parthenocarpy | Arusha | Pahang: RGuyod: Not tested | Pahang: 2Guyod: not tested | Hassan | ? | ? | ? | Mixed up |
| 3 | ITC.0249 Calcutta 4 | ITC.0966 Zebrina GF | Dwarfness, Bunch orientation, finger size, parthenocarpy, plant sizeProbably segregating for weevil resistance too | Arusha | Calcutta 4: R (literature)Zebrina GF: S | Calcutta 4: 2Zebrina GF: 3 | Hassan | ? | ? | ? | Mixed up |
|  |  |  | Namulonge | Brigitte | 28 genotypes | 7 genotypes | 145 genotypes  | Almost complete (180 genotypes) |
| 4 | ITC.1179 Monyet | ITC.1243Kokopo | Black sigatoka, plant size, fertility (seed production), parthenocarpy, Vit. A (Cocopo is orange-fleshed), earlinessPromising for Foc | Namulonge | Both parents:inconclusive | Monyet: 3Kokopo: 5 | Brigitte | 144 + 112 under multiplication for Foc phenotyping  | 2 genotypes | 112 genotypes | COMPLETE: ( 258 genotypes) |
| 5 | ITC.0249 Calcutta 4 | ITC.1121 P. Lilin | Parthenocarpy, bunch orientation, Foc, palatability | Namulonge | Calcutta 4: R (literature)Pisang lilin: R | Calcutta 4: 2P. Lilin: 3 | Brigitte | 38 genotypes | 146 genotypes | 109 genotypes  | COMPLETE(293 genotypes) |
| 6 | "Mchare Laini". | ITC.0249 Calcutta 4 | Black Sigatoka, parthenocarpyPromising for Foc | Kawanda | "Mchare Laini": SCalcutta 4: R (literature) | Mchare Laini: 6Calcutta 4: 2 | Tendo |  | 180 genotypes | 73 genotypes | COMPLETE(253 genptypes) |
| 7 | Mwitu pemba | ITC.0249 Calcutta 4 | Black Sigatoka, bunch orientation, | Kawanda | Mwitu pemba: RCalcutta 4: R (literature) | Mwitu pemba: 6Calcutta 4: 2 | Tendo |  | 56 genotypes | 200 genotypes | COMPLETE (256 genotypes) |
| 8 | ITC.0249 Calcutta 4 | ITC.0249 Calcutta 4 | Fusarium wilt | Kawanda | Calcutta 4: R (literature) | Calcutta 4: 2 | Ivan |  |  | 210 genotypes | COMPLETE(210 genotypes) |
| 9 | ITC.0766 Paliama | ITC.0253 Borneo | Bunch orientationNematode? Black Sigatoka?Foc? | Arusha | Paliama: not testedBorneo: S | Paliama: not testedBorneo: 2 | Hassan |  |  | 296 genotypes | COMPLETE(296 genotypes) |
| 10 | Malaccensis (UQ) | Malaccensis (UQ) | Foc | Arusha |  |  | Mohamed | 75 genotypes |  |  | Batch 2 to be sent next year to make up 200 genotypes |