**Supplementary material**

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**Figure S1.** Vegetableseed kit with seed samples of varieties and accessions that are distributed by WorldVeg and partners. Photo courtesy: Ralph Roothaert, WorldVeg.

**Table S1.** Summary of seed distribution from 2013 to 2017.

|  |  |  |  |
| --- | --- | --- | --- |
| Year | No. of seed kits  | No. of seed samples | Countries |
| 2013 | 3,013 | 17,731 | Tanzania |
| 2014 | 1,446 | 9,480 | Tanzania, Uganda |
| 2015 | 7,914 | 41,193 | Kenya, Tanzania, Uganda |
| 2016 | 19,946 | 68,479 | Tanzania, Uganda |
| 2017 | 10,185 | 46,300 | Tanzania, Uganda |
| **Total** | 42,514 | 183,193 |  |  |

**Table S2.** Summary of projects that supported seed kit distribution.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ID | project | no of seed kits | no of seed samples per seed kit | no of crops per seed kit | year of distribution | county | stateProvince | country |
| 1 | Africa Rising | 120 | 7 | 4 | 2013 | Babati | Manyara | Tanzania |
| 2 | Amaranth project | 20 | 7 | 5 | 2013 | Arusha | Arusha | Tanzania |
| 3 | Amaranth project | 38 | 7 | 5 | 2013 | Arumeru | Arusha | Tanzania |
| 4 | Amaranth project | 150 | 5 | 3 | 2013 | Arusha | Arusha | Tanzania |
| 5 | CABI | 200 | 5 | 5 | 2013 | Arumeru | Manyara | Tanzania |
| 6 | Helen Keller International (HKI) | 2400 | 6 | 6 | 2013 |  | Mwanza | Tanzania |
| 7 | HORTCRISP | 55 | 3 | 3 | 2013 | Arusha | Arusha | Tanzania |
| 8 | Sustainable Forum Alliance Francais  | 30 | 6 | 6 | 2013 | Arusha | Arusha | Tanzania |
| 9 | Africa Rising  | 156 | 4 | 3 | 2014 | Babati | Manyara | Tanzania |
| 10 | CABI | 100 | 6 | 5 | 2014 |  | Kilimanjaro | Tanzania |
| 11 | Helen Keller International (HKI) | 800 | 6 | 4 | 2014 |  | Mwanza | Tanzania |
| 12 | Helen Keller International (HKI) | 26 | 10 | 7 | 2014 |  | Mwanza | Tanzania |
| 13 | HORTCRISP | 43 | 4 | 3 | 2014 |  | Kilimanjaro | Tanzania |
| 14 | HORTCRISP | 1 | 4 | 3 | 2014 |  | Kilimanjaro | Tanzania |
| 15 | Humidtropics | 120 | 12 | 8 | 2014 |  | Central | Uganda |
| 16 | OIKOS | 200 | 7 | 6 | 2014 | Arusha | Arusha | Tanzania |
| 17 | VINESA | 10 | 18 | 14 | 2014 | Arusha | Arusha | Tanzania |
| 18 | Africa Rising | 166 | 5 | 4 | 2015 | Babati | Manyara | Tanzania |
| 19 | BFS-Home garden project | 600 | 6 | 6 | 2015 | Babati | Manyara | Tanzania |
| 20 | BFS-Home garden project | 700 | 4 | 4 | 2015 |  | Zanzibar | Tanzania |
| 21 | BFS-Home garden project | 750 | 4 | 4 | 2015 | Kiryandongo | Western | Uganda |
| 22 | BFS-Home garden project | 800 | 6 | 6 | 2015 | Kiteto | Manyara | Tanzania |
| 23 | Home garden project | 500 | 4 | 4 | 2015 |  | Bungoma | Kenya |
| 24 | Home garden project | 500 | 4 | 4 | 2015 |  | Kisumu | Kenya |
| 25 | Home garden project | 500 | 4 | 4 | 2015 |  | Machakos | Kenya |
| 26 | Humidtropics | 400 | 5 | 5 | 2015 | Mukono | Central | Uganda |
| 27 | Nafaka | 500 | 7 | 7 | 2015 |  | Morogoro | Tanzania |
| 28 | Nafaka | 400 | 6 | 4 | 2015 | Babati | Manyara | Tanzania |
| 29 | Nafaka | 400 | 6 | 4 | 2015 | Kiteto | Manyara | Tanzania |
| 30 | Nafaka | 400 | 6 | 4 | 2015 | Kongwa | Dodoma | Tanzania |
| 31 | OIKOS | 200 | 9 | 8 | 2015 | Arusha | Arusha | Tanzania |
| 32 | Project Concern Int | 155 | 6 | 5 | 2015 |  | Mara | Tanzania |
| 33 | VINESA | 937 | 5 | 4 | 2015 | Arusha | Arusha | Tanzania |
| 34 | VINESA | 6 | 8 | 5 | 2015 | Arusha | Arusha | Tanzania |
| 35 | Africa Rising | 83 | 6 | 4 | 2016 | Babati | Manyara | Tanzania |
| 36 | Africa Rising | 83 | 5 | 4 | 2016 | Babati | Manyara | Tanzania |
| 37 | HG-Uganda | 2640 | 1 | 1 | 2016 | Kiryandongo | Western | Uganda |
| 38 | HG-Uganda | 940 | 1 | 1 | 2016 | Kiryandongo | Western | Uganda |
| 39 | HG-Uganda | 150 | 1 | 1 | 2016 | Kiryandongo | Western | Uganda |
| 40 | HG-Uganda | 90 | 3 | 3 | 2016 | Kiryandongo | Western | Uganda |
| 41 | HG-Uganda | 60 | 1 | 1 | 2016 | Kiryandongo | Western | Uganda |
| 42 | HG-Uganda | 150 | 1 | 1 | 2016 | Kiryandongo | Western | Uganda |
| 43 | HG-Uganda | 850 | 1 | 1 | 2016 | Kiryandongo | Western | Uganda |
| 44 | HG-Uganda | 2500 | 1 | 1 | 2016 | Kiryandongo | Western | Uganda |
| 45 | Home garden project | 1500 | 1 | 1 | 2016 | Arusha | Arusha | Tanzania |
| 46 | Home garden project | 1465 | 1 | 1 | 2016 | Arusha | Arusha | Tanzania |
| 47 | Home garden project | 35 | 5 | 5 | 2016 | Arusha | Arusha | Tanzania |
| 48 | Home garden project | 30 | 7 | 7 | 2016 | Kiteto | Manyara | Tanzania |
| 49 | Home garden project | 1500 | 7 | 7 | 2016 | Babati | Manyara | Tanzania |
| 50 | Home garden project | 1500 | 2 | 2 | 2016 | Kiteto | Manyara | Tanzania |
| 51 | Home garden project | 1850 | 6 | 6 | 2016 |  | Zanzibar | Tanzania |
| 52 | Nafaka | 310 | 6 | 4 | 2016 | Kilolo | Iringa | Tanzania |
| 53 | Nafaka | 310 | 6 | 4 | 2016 | Kilolo | Iringa | Tanzania |
| 54 | Nafaka | 310 | 6 | 4 | 2016 | Mbalari | Mbeya | Tanzania |
| 55 | Nafaka | 310 | 6 | 4 | 2016 | Mbarali | Mbeya | Tanzania |
| 56 | Nafaka | 310 | 6 | 4 | 2016 | Kilombero | Morogoro | Tanzania |
| 57 | Nafaka | 1200 | 10 | 7 | 2016 |  | Mbeya | Tanzania |
| 58 | Nafaka | 50 | 6 | 3 | 2016 |  | Mbeya | Tanzania |
| 59 | Nafaka | 300 | 6 | 5 | 2016 | Kilolo | Iringa | Tanzania |
| 60 | Nafaka | 300 | 6 | 5 | 2016 | Kilolo | Iringa | Tanzania |
| 61 | Nafaka | 300 | 6 | 5 | 2016 | Mbalari | Mbeya | Tanzania |
| 62 | Nafaka | 300 | 6 | 5 | 2016 |  | Mbeya | Tanzania |
| 63 | Nafaka | 300 | 6 | 5 | 2016 | Kilombero | Morogoro | Tanzania |
| 64 | OIKOS | 60 | 5 | 4 | 2016 | Arusha | Arusha | Tanzania |
| 65 | Southwood Lutheran church  | 50 | 6 | 5 | 2016 |  | Kilimanjaro | Tanzania |
| 66 | VINESA | 21 | 8 | 4 | 2016 | Arusha | Arusha | Tanzania |
| 67 | VINESA | 25 | 8 | 4 | 2016 | Arusha | Arusha | Tanzania |
| 68 | VINESA | 60 | 8 | 4 | 2016 | Arusha | Arusha | Tanzania |
| 69 | VINESA | 4 | 2 | 4 | 2016 | Arusha | Arusha | Tanzania |
| 70 | FANPRAN | 600 | 7 | 6 | 2017 |  | Mtwara | Tanzania |
| 71 | HG-Uganda | 1200 | 3 | 3 | 2017 | Mukono | Central | Uganda |
| 72 | HG-Uganda | 1535 | 2 | 1 | 2017 | Mukono | Central | Uganda |
| 73 | HG-Uganda | 1900 | 5 | 5 | 2017 | Kiryandongo | Western | Uganda |
| 74 | HG-Zanzibar | 1960 | 4 | 4 | 2017 |  | Zanzibar | Tanzania |
| 75 | Home garden project | 840 | 3 | 3 | 2017 | Babati | Manyara | Tanzania |
| 76 | Home garden project | 1120 | 3 | 3 | 2017 | Kiteto | Manyara | Tanzania |
| 77 | Nafaka | 1000 | 12 | 8 | 2017 |  | Mbeya | Tanzania |
| 78 | VINESA | 30 | 7 | 4 | 2017 | Arusha | Arusha | Tanzania |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |