**EU, SORUDEV, BRACED Partners Yield Data Collection Format – Farmers Level (2016)**

1. Name of Assessor, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_; Date of Assessment \_\_\_/\_\_\_/\_\_\_\_\_
2. County \_\_\_\_\_\_\_\_\_\_\_\_, Payam \_\_\_\_\_\_\_\_\_\_\_\_, Boma \_\_\_\_\_\_\_\_\_\_\_, Village \_\_\_\_\_\_\_\_\_\_
3. Name of Farmer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, Family size \_\_\_\_\_, Gender \_\_\_\_, Age \_\_\_\_
4. GPS Coordinate: Lat N\_\_\_\_\_\_\_\_, Long E\_\_\_\_\_\_\_\_\_\_
5. Total Land Holding Size (hectare) \_\_\_\_\_\_,
6. Total Planted Area (hectare) \_\_\_\_\_\_: a) Pure stand (ha)\_\_\_\_\_\_\_\_, b) Mixed crops (ha) \_\_\_\_\_\_\_
7. Mixed/intercrops and proportions of *Major* and *Minor* crops in % (T*otal should be 100%)*

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Mixed/ intercrops | Area (ha) | Proportion (%) | | Planted area (ha) | | Area of pure stand | | Total area = pure + mixed (ha) |
| *Crop-1 (%)* | *Crop-2 (%)* | *Crop-1`* | *Crop-2* | *Crop* | *ha* |
| Sorghum vs Gnuts | 1 | Sorghum (60%) | Gnuts (40%) | 0.6 | 0.4 | Sorghum | 0.5 | 0.6+0.5+ 0.4 =1.1 |
| Sorghum vs Cassava | 0.8 | Sorghum (50%) | Cassava (50%) | 0.4 | 0.4 | Gnuts |  |  |
| Cassava vs Gnuts |  |  |  |  |  | Cassava |  |  |
| Gnuts vs Beans |  |  |  |  |  | Beans |  |  |
| Maize vs Gnuts |  |  |  |  |  | F/Millet |  |  |
| Millet vs Cassava |  |  |  |  |  | P/ Millet |  |  |
| Others/specify |  |  |  |  |  | Maize |  |  |
| Total |  |  |  |  |  |  |  |  |

1. Land preparation, weeding, pests and dry spells

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Crop | Date of Land preparation | Ploughing by (**H**and, **O**xen or by **T**ractor) | Ploughing frequency (**1**x, **2**x, **3**x) | Weeding frequency (**1**x, **2**x, **3**x) | Pest damage (**M**ild, **A**verage or **S**erious) | Occurrence of dry spells (**1**x, **2**x, **3**x) | Effect of dry spells (**M**ild, **A**verage, **S**erious) |
| Sorghum |  |  |  |  |  |  |  |
| Maize |  |  |  |  |  |  |  |
| Groundnut |  |  |  |  |  |  |  |
| Beans |  |  |  |  |  |  |  |
| Cassava |  |  |  |  |  |  |  |
| F/Millet |  |  |  |  |  |  |  |
| P/Millet |  |  |  |  |  |  |  |

1. Planting and harvesting times

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Sorghum | Groundnut | Maize | Cassava | F/millet | P/millet | Beans |
| Planting date (*dd/mm/yy*) |  |  |  |  |  |  |  |
| Expected Harvesting dates (*dd/mm/yy*) |  |  |  |  |  |  |  |

10. Crop yield estimations from 4 m2 sample (2x2 meter) - 2016 cropping season

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Crop | Variety | # of plants per 4 m2 | Avg # of plants per 1 m2 | # of cobs or heads per 1 m2 | Wt. of grain at harvest per 1 m2 | Wt. of grain after drying per 1 m2 | Yield, kg per ha **(2016)** | Yield, kg per ha **(2015)** |
| Sorghum |  |  |  |  |  |  |  |  |
| Maize |  |  |  |  |  |  |  |  |
| F/Millet |  |  |  |  |  |  |  |  |
| P/Millet |  |  |  |  |  |  |  |  |
| Gnuts |  |  |  |  |  |  |  |  |
| Beans |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Crop | Variety | # of plants per 4 m2 | # of plants per 1 m2 | Fresh wt. of roots (kg per plant) | # of plants per ha | Yield, fresh weigh, kg per ha (2016) | Yield, fresh weigh, kg per ha (2015) |  |
| Cassava |  |  |  |  |  |  |  |  |

**N.B:** Additional qualitative information can be collected as per the cropping calendar and monthly work plan of the CCMC