

Mapping

Original name	CT	LC
Bush Bean	7200	11
Dry Bean	7100	11
Safflower	4360	11
Sunflower	4380	11
White Sorghum	1400	11
Yellow Maize	1200	11

Validity time

The validity time was extracted from Estimated date of the dataset.

IRR

No information on irrigation (IRR = 0)

Filtering

No filtering was performed.

Correction

No correction was required.

Geometry transformations

Dataset was first transformed to projected coordinate system **WGS_1984_UTM_Zone_37S** to calculate the area in square kilometre and later transformed to **EPSG:4326-WGS1984**. It should be noted that during the course of projection transformations, the area or shapes of the entire dataset was preserved in its original state.

Spatial accuracy

Radiant Earth Foundation team used the point measurements from the ground data collection and the area of the farm on top of imagery from Sentinel-2 (multiple during the growing season, and Google basemap) to draw the polygons in each field. These polygons do not cover the entirety of the field, and are always enclosed within the field. Data points that were not clear if they belong to a neighboring farm (e.g. the point was on the edge of two farms) were removed from the dataset.

Spatial accuracy class	Selected
0-10	x
10-30	
30-100	
100-250	
250-500	
>500	
Unknown	