

Sampling Request Form

General Information

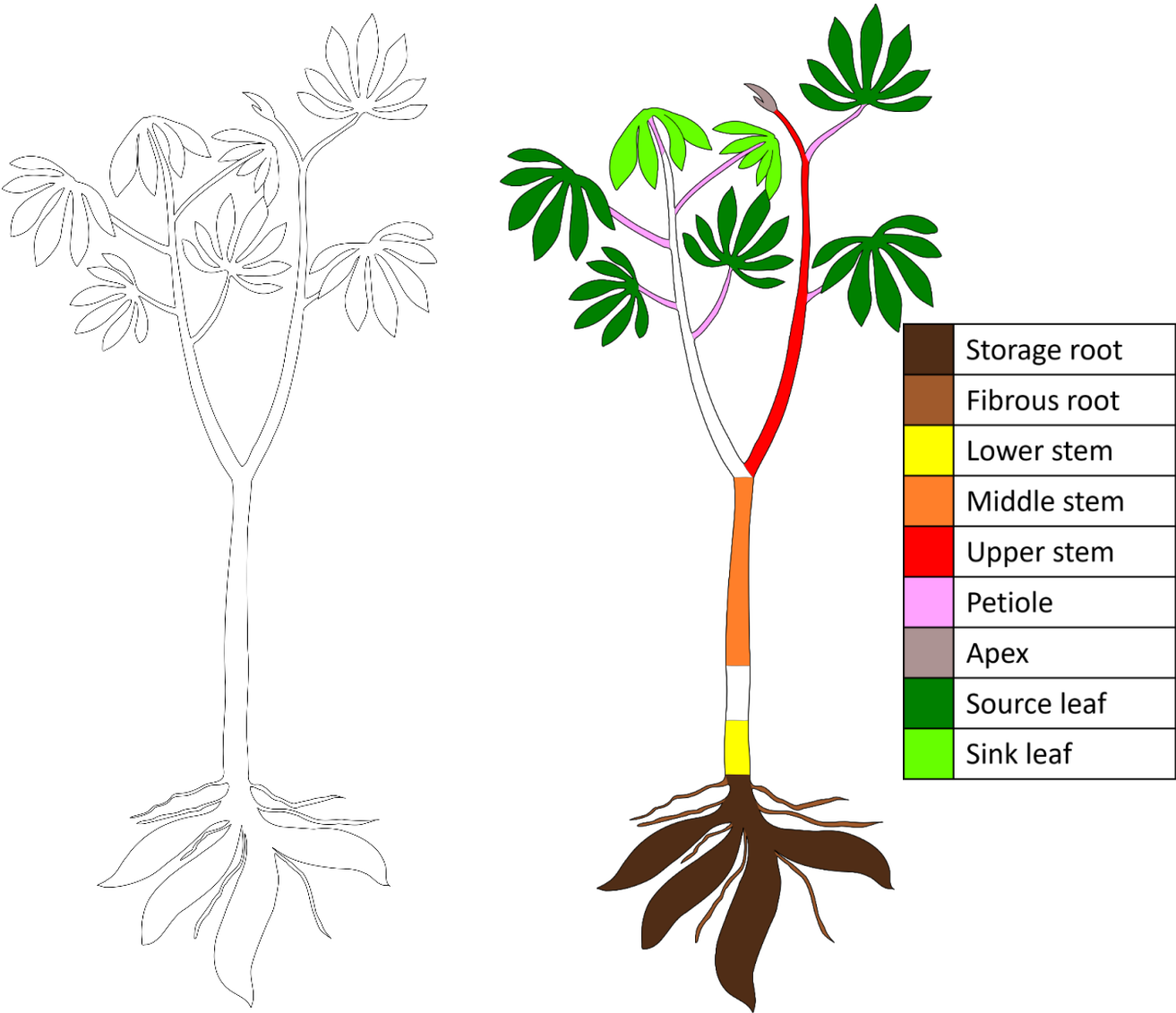
Name	Simon Bull & Sam Zeeman
Institution	ETH Zurich
Date	18th May 2026

Sampling Information

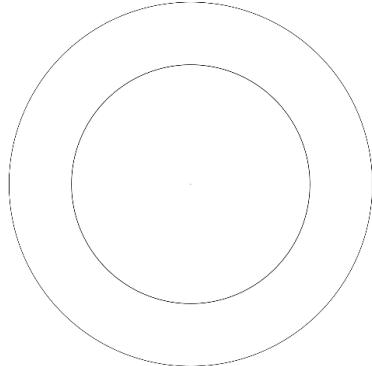
Trial Name As used in CASSbase	CFT_Taichung_2026_WF2_IH
Number of Plots	120 (incl border plants)
List of Plot Numbers/IDs Attach as excel file	72 plants including controls (excel attached downloaded from Cassbase). 30 plants from main harvest WF2 field (leaf harvest only). Data attached from CassBase (includes controls)
Purpose of Sampling Method/Analysis (eg Starch measurement via starch assay)	a. Starch traits - amylose content, granule size/shape, rheological properties. b. Root yield and DMC. c. qPCR and total starch content (leaves)
Description of Sampling Tissue (eg lower stem), exact location (2 cm above ground), amount/weight/volume (eg 50 g), visual representation on next page	a. Photo of plant b. Total root weight c. Fresh & DMC of root sample d. Peeled, chopped, frozen root (2x 50ml Falcon tubes) per replicate. e. Leaf harvest (2 middle leaflets of Leaf 5) f. Leaf harvest (as above) from 27 plants
Timing Plant age (eg approx. 4 month), time of day (eg end of day), weather constrains (3 days dry)	4 months from field planting (i.e. IH last week of July 2026), weather permitting.
Sample Handling Storage temperature (eg liquid nitrogen), further treatment (eg dry in oven), Packaging (eg ship on dry ice)	Liq N2 freezing of all root and leaf samples. Dry ice shipment to Germany/Switzerland Data from DMC root samples
Additional Notes	TBC- shipping of all IH samples to Erlangen then ETH samples via courier.

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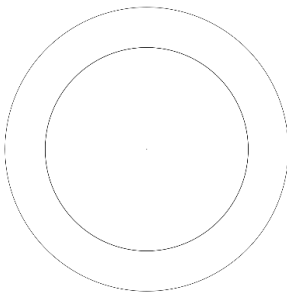
Visual Representation



Storage Root



Lower Stem



Middle Stem

