Sampling Request Form

General Information

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Institution	FAU
Date	May 18, 2026

Sampling Information

Trial Name As used in CASSbase	WF1 - "DELLA lines"
Number of Plots	55 plots with 16 plants each
List of Plot Numbers/IDs Attach as excel file	Please see "Sampling DELLA lines IH_Leaf and Petiole.xlsx". I am requesting the sampling of a fully exposed source leaf and its corresponding petiole of the innermost 4 plants for each plot (marked in red in the excel sheet)
Purpose of Sampling Method/Analysis (eg Starch measurement via starch assay)	This sampling is required to validate transgene expression in the field. Transgene is expressed in petioles and stems in the greenhouse. Petiole samples
Description of Sampling Tissue (eg lower stem), exact location (2 cm above ground), amount/weight/volume (eg 50 g), visual representation on next page	Fully exposed source leaf of the innermost 4 plants for each plot. Please sample leaves in the afternoon (3-5 pm), ideally in a short window of time if possible. Sample into liquid nitrogen. Please use the "Zinsser Analytics" tubes. Approx. 3-5 leaf fingers,
Timing Plant age (eg approx. 4 month), time of day (eg end of day), weather constrains (3 days dry)	At intermediate harvest - End of June Afternoon, ideally 3-5 pm in the shortest window possible. If done on several days, weather should be comparable.
Sample Handling Storage temperature (eg liquid nitrogen), further treatment (eg dry in oven), Packaging (eg ship on dry ice)	Please sample into liquid nitrogen and store at -80°C until shipment on dry ice
Additional Notes	Thank you very much!

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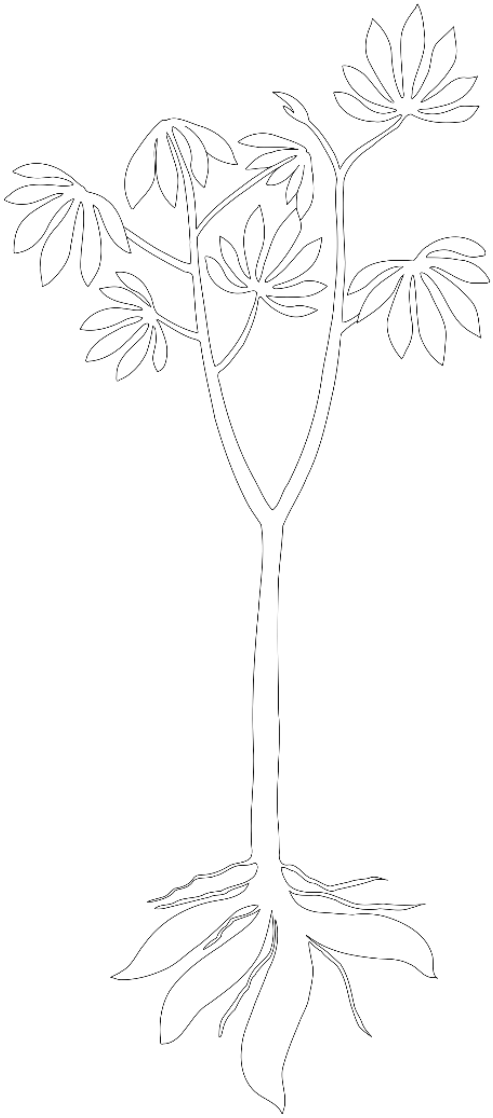
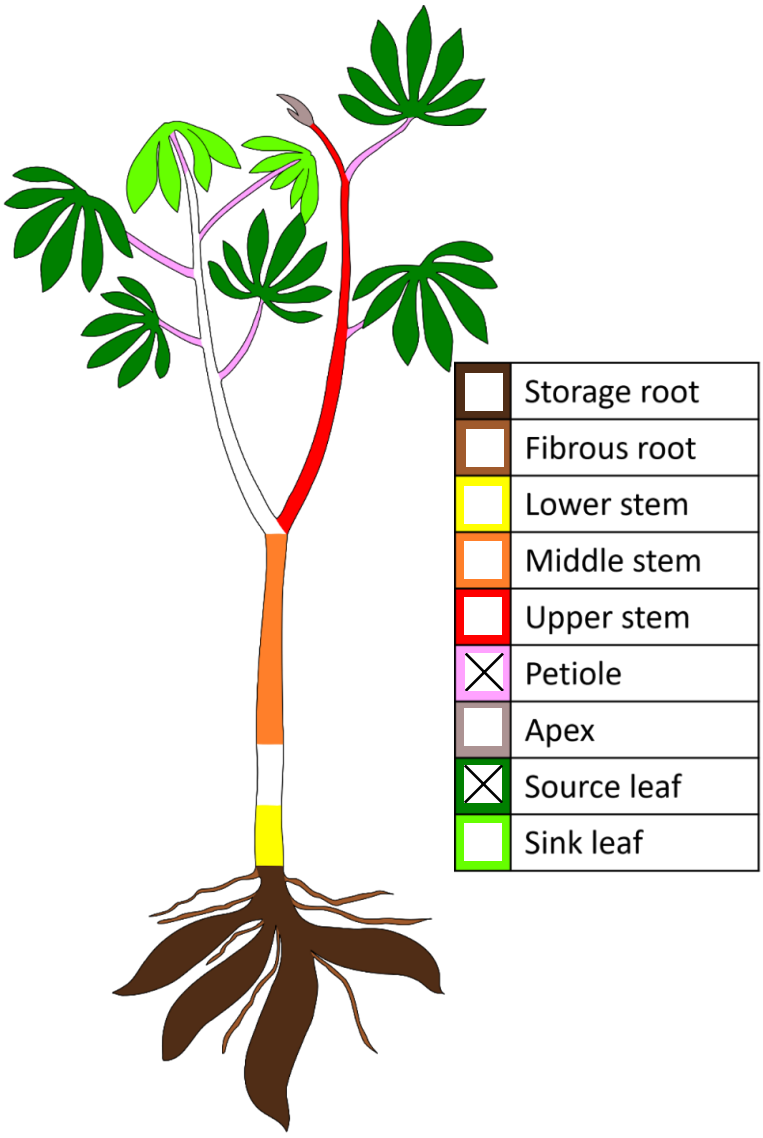
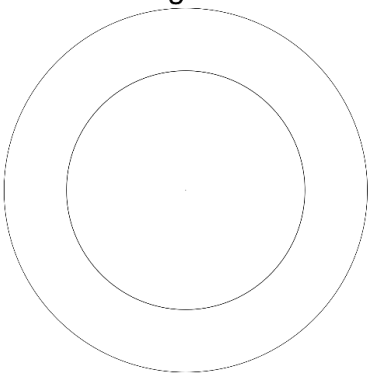
Visual Representation

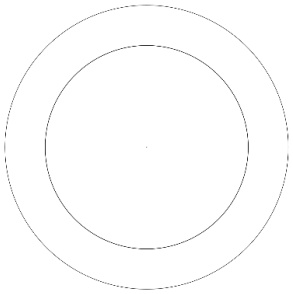
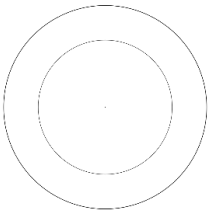




Storage Root



Lower Stem



Middle Stem