

Nutrition

Nutrition ID	8,532
Crop ID	Bambara Groundnut
Part	Seed
Variable	6013 Methionine (mg/100g)
Weight Basis	Unspecified
Value Mean	2.40
Value Max	NULL
Value Min	NULL
Data Flag	Analytical value
Analysis Method	HPLC in accordance with the Agilent method
Pre-treatment	The control. The seeds of two bambara groundnut varieties were treated with Ethyl methane sulphonate having concentration of (0.1%,0.2%,0.3%,0.4%,0.5%) after treatment M1 seeds were sown along with the control . M1 seeds were harvested with individual plants and planted plant to progeny rows in M2 generation and in M2 generation high yielding and other desirable characters like resistant were selected and forwarded to M3 generation having 110 families of SB-42 and 40 families of S-165A, in M3 generation families performed well for yield and other characters were subjected for protein and methionine content.
Sample Number	NULL
Material Source	The seeds were obtained from National Research Centre on Groundnut Junagadh through National Bureau of Plant Genetic Resources.
Recommended Data	false
Notes	Bambara groundnut SB-42. Two varieties Bambara groundnut having good agronomic base belonging to different accession viz., SB-42 (light brown, round shape and white hilum) and S165A(dark brownish, dark spotted surface and oval shape). Highlighted treatment in the experiment - Experiment was undertaken to enhance the protein and methionine content in bambara groundnut through mutation breeding (EMS treatment).
Metadata Id	9,254