B A L B M 7 (F 1-6).

Materials and Method

Sample collection

B (*Vigna subterranean*) *(Arachis hypogea)* D M K , N N B *Arachis hypogea.*

, B , K .

Methods

Proximate Analysis

Calculation

$$\% = \frac{W2-W3}{W2-W1} \times 100$$

;

= ( )

= o ( )

= o ( )

Determination of Ash Content

D (5) o ( ). o o 550^{0}C 3 ( ).

Calculation

$$\% = \frac{weight\ of\ ash}{weight\ of\ sample} \times 100$$

$$= \frac{W3-W1}{W2-W1} \times 100$$

Determination of Crude Protein

Principle

K o (I). oo 14 .

o (0.15) . C (0.8) o (2) 40% N H (15). oo 2% (10) 5 o 15 (0.02M).

Calculation

$$\%\ o = \frac{Pg}{Weight\ of\ sample\ used} X\ 100$$

;

=

F = o (6.25)

= N F

Determination of Crude Fat

A o . L o

5 .

A o ( ) 3 o. o

( )

(3.).

Determination of Total Carbohydrate

4. 100%.

Calculation

% = 100 (% M % A % F % % F)

Mineral Element Analysis

Determination of Mineral Elements

A A (AA) 5. F (5.) 60-C 3. 550 -C; 5 1N HN I. 400^{0}C 15 10 ^{3}1N HC 50 ^{3} 10 ^{3}o 0.1N HC 0.1N HC N , K, , , C A A

Statistical Analysis

A . D D 0.05.

Result and Discussion

Results

Proximate Composition

1. A (<0.05) (<0.05). H (<0.05) (1).

Table 1: Mean of Proximate Compositions of Bambaranut and Groundnut Varieties.

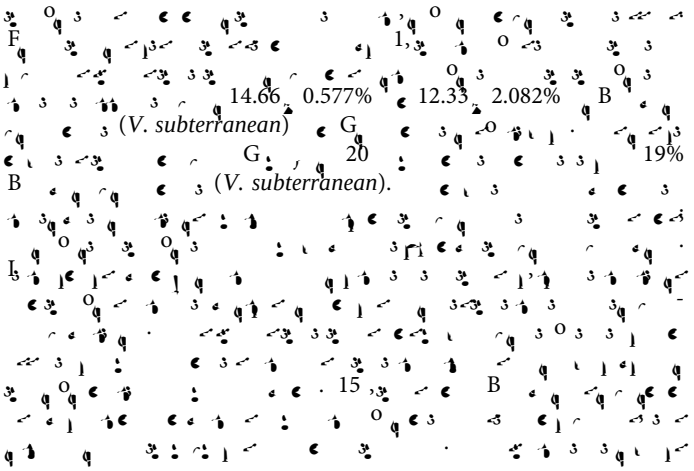
Proximate Composition (%)	Bambaranut	Groundnut
Moisture	2.90 Ñ 0.10	2.93 Ñ 0.12
Carbohydrate	68.10 Ñ 1.47*	36.60 Ñ 4.42*
Crude protein	14.66 Ñ 0.58*	12.33 Ñ 2.08*
Crude fbre	2.07Ñ0.91	1.77 Ñ 0.75
Ash	3.33Ñ0.23*	2.33 Ñ 0.23*
Crude fat	5.60 Ñ 1.44*	39.33 Ñ 4.51*
Results are expressed as mean ± standard deviation. Values on the same column bearing Similar asterisk are signiycantly di erent (P<0.05)		

Mineral Composition

2. A (<0.05) B G . H (<0.05) L (2).

Discussion

I N H F 80 90% I 19. N . L H C (B (*V. subterranean*) (G (*Arachis-hypogea*),



F 1, 14.66 0.577% 12.33 2.082% B (*V. subterranean*) G G 20 19% B (*V. subterranean*). I 15 B

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