

27.37 Amino Acid Composition of Niger Varieties

Amino Acid	Range of g/100g protein
Alanine	3.3-3.4
Arginine	7.8-8.6
Aspartic Acid	7.6-7.9
Cystein	2.0-2.4
Glutamic acid	18.5-18.8
Glycine	4.3-4.4
Histidine	2.4-2.9
Isoleucine	3.6-4.6
Leucine	5.2-5.7

Chemical Composition and Quality 921

Amino Acid	Range of g/100g protein
Lysine (Total)	1.1-3.7
Methionine	1.9-2.3
Phenyl alanine	4.1-4.7
Proline	3.5-4.0
Serine	4.2-4.4
Threonine	2.6-2.7
Tyrosine	2.6-4.1
Valine	4.0-4.5

Source: Nagara, G:1995. Quality and utility of oilseeds, DOR, Hyderabad