



Grain Specifications

Unprocessed Maize

- Dry white Maize.
- Free of stones, metal, live insects, abnormal flavors, musty, sour or other undesirable odor.
 - Moisture Content <13.5%
 - Foreign material Max 1%
 - Pest damage 0%
 - Immature/Shriveled 2%
 - Rotten and Diseased 4%
 - Discolored 1.0%
 - Live infestation 0%
 - Pesticide residues Free

Barley

- Moisture Content (MC) 13% and Below
- Germination Capacity (GC) > 97%

Sorghum

- Dry well-filled sorghum grains of uniform color
- Free of stones, metal, live insects, abnormal flavors, musty, sour, or other undesirable odor
 - Moisture content Max - 12.5%
 - Total admixture (foreign material, screenings & trash) Max- 0.6%
 - Foreign material Max - 0.4%
 - Tannin Free Minimum - 95%
 - Aflatoxin B1, ppb, Max - 5ug/kg

Cassava

- Dry Cassava chips
- Free of stones, metal, live insects, abnormal flavors, musty, sour, or other undesirable odor
 - Moisture Content Max – 13.5%
 - Color – white
 - Paste damage – 0%
 - Rotten & Diseased – Nil
 - Mould- Nil
 - Live infestation – 0%
 - Pesticide residues – Free
 - Cyanide – 10mg/kg

Finger Millet

Parameters	Specifications		
	Grade 1	Grade 2	Grade 3
Foreign matter, whole grain, % by mass, max- organic	0.25	0.50	0.75
-inorganic	0.10	0.25	0.25
Other edible grains, (%) by mass, max	1.50	2.00	4.00
Damaged grain, % by mass, max	2.00	3.00	5.00
Immature and shriveled, % by mass, max	3.00	4.00	4.00
Weevilled grains % by count	0.20	0.30	0.50
Moisture content %	12.00	13.00	14.00
Crude proteins, % by mass basis, min	8.00		
Ergot affected grains % m/m	0.05		
1000 Kernel weight, g- whole millet grain	5.0 – 10.0		
- decorticated millet grains	4.0 – 8.0		
1 Litre weight, g	750 – 820		
Decortication %m/m max	20		
Fat content. % by dry mass basis	3.5 – 6.0		
Tanin content, % by mass, max	0.5		
Crude fibre, % by dry mass basis:	3.0 – 4.5		
Total Aflatoxin (AFB1+AFB2) +AFG1+AFG2), ppb max	10		
Aflatoxin B1 only, ppb max	5		
Fumonisin ppm max	2		

Soya Bean

Parameter	Specifications
Good beans/ No defect	Min 90%
Foreign matter	Max 1.0%
Moisture	Max 12.0%
Discolored	Max 1.0%
Premature/ Shrinkled	Max 2.0%
Rotten/Pest Infected	Max 2.0%
Split Beans	Max 3.0%