



**Quality
Ethiopian
Pulses**

Grain Standards of Pulses/Dry beans

#	Characteristics	Maximum Limit			Method of Test
		Grade 1	Grade 2	Grade3	
1	Foreign matter, %mm	0.5	0.75	1	ISO 605
2	Inorganic matter, %mm	0.1	0.2	0.3	
3	Other edible grains, %mm	0.1	0.2	0.5	
4	Pest damaged grains, %mm	1	2	3	
5	Heat damaged grains, %mm	0.1	0.2	0.5	
6	Contrasting varieties, %mm	0.5	1	1.5	
7	Broken/Split, %mm	1	2	3	
8	Discoloured, %mm	1			
9	Total defective grains, %mm	2	3.5	5.5	
10	Filt, %mm	0.1			
11	Moisture, %mm	14			ISO 24557
12	Total aflatoxin, %mm(AFB1+AFB2+AFG2),ppb	10			ISO 16050
13	Aflatoxin B1, ppb	5			
14	Fumonisin ppm	2			AOAC 2001.04

Note: The parameter, total defective grains is not the sum total of the individual defects. It is limited to 70% of the sum total of individual defects.