



EXTRACT FROM THE EAS MAIZE STANDARD

Maize Grains

Source: FDEAS 2:2017

No.	Quality parameters	Grade 1 (one)	Grade 2 (Two)	Grade 3 (Three)	Test Method
1.	Moisture content %m/m	13.5	13.5	13.5	ISO 6540
2.	Broken kernels %m/m	2.0	4.0	6.0	ISO 5223
3.	Foreign matter %m/m	0.5	1.0	1.5	ISO 605
4.	Inorganic matter %m/m	0.25	0.5	0.75	
5.	Pest damaged grains %m/m	1.0	3.0	5.0	
6.	Rotten & Diseased grains %m/m	1	2	3	
7.	Discoloured grains %m/m	1.5	2.0	2.5	
8.	Immature/shriveled grains %m/m	1.0	2.0	3.0	
9.	Filth %m/m	0.1	0.1	0.1	
10.	Live insect infestation	Nil	Nil	Nil	
11.	Dead weevils (max)	10/kg	10/kg	10/kg	
12.	Total Aflatoxins, ppb	5	9	14	ISO 16050
13.	Aflatoxin B1, ppb	5	5	5	AOAC 2001.04
14.	Fumonisin,ppm	2	2	2	
15.	Total Defective grains	3.2	7.0	10.2	ISO 605
<p>NOTE 1: 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</p> <p>NOTE 2: The parameter, Discoloured grains is limited to at least 25% discolouration on both sides of the kernels</p>					