

**TABLE 8a: NUTRITIONAL VALUES OF SORGHUM ACCORDING TO GRADE (2022/23)
(Sorghum crop samples)**

Number of samples	Region	Moisture, %			Crude Protein content, % (db)			Total Starch content, % (db)			Crude Fat content, % (db)			Hunterlab Colour									
		ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	L		a		b					
														ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	
GRADE: GM1																							
12	Region 35	11.4	10.7	12.0	8.7	7.9	10.8	76.8	75.9	77.8	3.5	3.0	3.8	71.94	70.42	75.29	5.03	4.26	5.43	10.29	9.79	10.71	
	Ave. GM 1	11.4			8.7			76.8			3.5			71.94			5.03			10.29			
	Min. GM 1		10.7			7.9		75.9				3.0		70.42			4.26			9.79			
	Max. GM 1			12.0			10.8		77.8				3.8		75.29			5.43			10.71		
GRADE: GM2																							
1	Region 35		10.7	-		8.0	-		81.1	-	-	3.4	-	-	71.36	-	-	5.56	-	-	9.96	-	-
	Ave. GM 2		10.7			8.0		81.1			3.4			71.36			5.56			9.96			
	Min. GM 2			-		-			-	-		-	-		-	-		-	-		-	-	
	Max. GM 2																						
GRADE: GM3																							
1	Region 35	10.5	-	-		9.1	-		75.0	-	-	3.2	-	-	70.24	-	-	4.93	-	-	9.78	-	-
	Ave. GM 3	10.5				9.1		75.0			3.2			70.24			4.93			9.78			
	Min. GM 3			-		-			-	-		-	-		-	-		-	-		-	-	
	Max. GM 3																						
GRADE: GH1																							
1	Region 13	11.3	-	-		8.8	-		75.3	-	-	2.8	-	-	66.59	-	-	5.52	-	-	8.87	-	-
	Region 20	12.7	-	-		11.3	-		73.4	-	-	2.8	-	-	69.17	-	-	4.48	-	-	8.45	-	-
	Region 33	12.6	-	-		10.7	-		71.1	-	-	2.7	-	-	65.78	-	-	4.90	-	-	8.97	-	-
3	Ave. GH 1	12.2				10.3		73.3			2.8			67.18			4.97			8.76			
	Min. GH 1		11.3			8.8		71.1			2.7			65.78			4.48			8.45			
	Max. GH 1			12.7			11.3		75.3				2.8		69.17			5.52			8.97		
GRADE: GH2																							
1	Region 19	12.3	-	-		11.0	-		72.9	-	-	2.5	-	-	68.06	-	-	3.87	-	-	7.76	-	-
	Ave. GH2	12.3				11.0		72.9			2.5			68.06			3.87			7.76			
	Min. GH2			-		-			-	-		-	-		-	-		-	-		-	-	
	Max. GH2																						
18	Ave. Sorghum	11.5				9.1		76.1			3.3			70.81			4.98			9.85			
	Min. Sorghum		10.5			7.9		71.1			2.5			65.78			3.87			7.76			
	Max. Sorghum			12.7			11.3		81.1				3.8		75.29			5.56			10.71		