TABLE 9: NUTRITIONAL VALUES OF SORGHUM ACCORDING TO GRADE (2023/24)

Number of samples	Region	Moisture, %			Crude Protein content, % (db)			Total Starch content, % (db)			Crude Fat content, % (db)			Hunterlab Colour								
														L			a			b		
		ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.
GRADE: GM1																						
1	Region 20	11.3	-	-	11.1	-	-	73.3	-	-	4.2	-	-	70.6	-	-	5.3	-	-	9.8	-	-
12	Region 35	11.1	10.0	12.8	10.3	8.6	11.7	72.8	71.4	74.5	3.7	3.3	4.6	75.6	73.1	79.6	4.2	3.0	4.7	10.8	10.4	11.7
13	**Ave. GM 1**	**11.1**			**10.4**			**72.8**			**3.8**			**75.2**			**4.3**			**10.7**		
	Min. GM 1		**10.0**			**8.6**			**71.4**			**3.3**			**70.6**			**3.0**			**9.8**	
	Max. GM 1			**12.8**			**11.7**			**74.5**			**4.6**			**79.6**			**5.3**			**11.7**
GRADE: GM2																						
4	Region 35	10.8	10.5	11.1	9.9	9.4	10.7	72.1	70.1	73.5	4.0	3.6	4.3	74.0	72.0	75.6	4.6	4.3	5.0	10.6	10.2	11.1
4	**Ave. GM 2**	**10.8**			**9.9**			**72.1**			**4.0**			**74.0**			**4.6**			**10.6**		
	Min. GM 2		**10.5**			**9.4**			**70.1**			**3.6**			**72.0**			**4.3**			**10.2**	
	Max. GM 2			**11.1**			**10.7**			**73.5**			**4.3**			**75.6**			**5.0**			**11.1**
GRADE: CO																						
3	Region 35	11.5	10.2	12.9	10.8	8.7	12.1	70.1	65.6	72.6	4.5	4.4	4.7	75.0	72.6	76.3	4.5	4.1	4.9	10.3	9.9	11.0
3	**Ave. CO**	**11.5**			**10.8**			**70.1**			**4.5**			**75.0**			**4.5**			**10.3**		
	Min. CO		**10.2**			**8.7**			**65.6**			**4.4**			**72.6**			**4.1**			**9.9**	
	Max. CO			**12.9**			**12.1**			**72.6**			**4.7**			**76.3**			**4.9**			**11.0**
GRADE: GH1																						
1	Region 19	11.9	-	-	10.0	-	-	71.4	-	-	2.8	-	-	69.7	-	-	4.5	-	-	8.2	-	-
1	Region 21	10.9	-	-	12.4	-	-	68.8	-	-	3.2	-	-	66.5	-	-	5.8	-	-	9.8	-	-
1	Region 24	10.5	-	-	13.5	-	-	67.5	-	-	3.6	-	-	66.5	-	-	4.6	-	-	9.1	-	-
3	**Ave. GH 1**	**11.1**			**11.9**			**69.2**			**3.2**			**67.6**			**4.9**			**9.0**		
	Min. GH 1		**10.5**			**10.0**			**67.5**			**2.8**			**66.5**			**4.5**			**8.2**	
	Max. GH 1			**11.9**			**13.5**			**71.4**			**3.6**			**69.7**			**5.8**			**9.8**
GRADE: GH2																						
1	Region 19	11.1	-	-	11.3	-	-	69.2	-	-	3.3	-	-	65.3	-	-	5.5	-	-	8.6	-	-
1	Region 21	11.3	-	-	11.5	-	-	70.7	-	-	2.9	-	-	68.3	-	-	4.4	-	-	8.4	-	-
2	**Ave. GH2**	**11.2**			**11.4**			**70.0**			**3.1**			**66.8**			**4.9**			**8.5**		
	Min. GH2		**11.1**			**11.3**			**69.2**			**2.9**			**65.3**			**4.4**			**8.4**	
	Max. GH2			**11.3**			**11.5**			**70.7**			**3.3**			**68.3**			**5.5**			**8.6**
25	**Ave. Sorghum**	**11.1**			**10.6**			**71.7**			**3.8**			**73.4**			**4.5**			**10.3**		
	Min. Sorghum		**10.0**			**8.6**			**65.6**			**2.8**			**65.3**			**3.0**			**8.2**	
	Max. Sorghum			**12.9**			**13.5**			**74.5**			**4.7**			**79.6**			**5.8**			**11.7**