

TABLE 8: 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								
		ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	L			a			b		
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		11.7
	Max. GM 1			12.8			11.7	74.5			4.6			79.6			5.3					
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		