

TABLE 8b: NUTRITIONAL VALUES OF SORGHUM ACCORDING TO GRADE (2022/23)
(Sorghum cultivar trial samples)

Number of samples	Region	Moisture, %			Crude Protein content, % (db)			Total Starch content, % (db)			Crude Fat content, % (db)			Hunterlab Colour								
		ave.		max.	ave.		max.	ave.		max.	ave.		max.	L		a		b				
		min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	ave.	min.	max.	ave.	min.	max.			
GRADE: GM1																						
1	Region 21	12.3	-	-	10.1	-	-	69.8	-	-	3.0	-	-	69.77	-	-	4.91	-	-	10.04	-	-
5	Region 35	13.2	11.7	15.5	10.0	9.3	10.7	74.2	73.1	75.7	3.4	3.0	3.6	71.49	68.45	74.91	5.00	4.48	5.60	10.09	9.73	10.56
6	Ave. GM 1	13.1			10.0			73.5			3.3			71.21			4.98			10.09		
	Min. GM 1		11.7		9.3			69.8			3.0			68.45			4.48			9.73		
	Max. GM 1		15.5		10.7			75.7			3.6			74.91			5.60			10.56		
GRADE: GM3																						
1	Region 35	13.6	-	-	8.7	-	-	72.2	-	-	3.5	-	-	70.16	-	-	5.29	-	-	9.90	-	-
1	Ave. GM 3	13.6			8.7			72.2			3.5			70.16			5.29			9.90		
	Min. GM 3		-		-			-			-			-			-			-		
	Max. GM 3		-		-			-			-			-			-			-		
GRADE: CO																						
5	Region 18	11.9	11.7	12.0	12.2	11.9	12.5	66.6	65.0	68.2	3.2	2.9	3.4	65.97	64.97	67.34	5.49	4.88	6.17	9.14	8.32	9.57
5	Ave. GMCO	11.9			12.2			66.6			3.2			65.97			5.49			9.14		
	Min. GMCO		11.7		11.9			65.0			2.9			64.97			4.88			8.32		
	Max. GMCO		12.0		12.5			68.2			3.4			67.34			6.17			9.57		
GRADE: GH1																						
1	Region 17	12.2	-	-	11.0	-	-	66.5	-	-	3.3	-	-	66.36	-	-	5.12	-	-	8.99	-	-
1	Region 35	11.9	-	-	9.0	-	-	69.8	-	-	2.9	-	-	66.97	-	-	5.74	-	-	7.82	-	-
2	Ave. GH 1	12.1			10.0			68.2			3.1			66.67			5.43			8.41		
	Min. GH 1		11.9		9.0			66.5			2.9			66.36			5.12			7.82		
	Max. GH 1		12.2		11.0			69.8			3.3			66.97			5.74			8.99		
GRADE: CO																						
1	Region 18	12.4	-	-	12.7	-	-	67.0	-	-	2.7	-	-	67.07	-	-	4.35	-	-	7.96	-	-
1	Ave. CO	12.4			12.7			67.0			2.7			67.07			4.35			7.96		
	Min. CO		-		-			-			-			-			-			-		
	Max. CO		-		-			-			-			-			-			-		
15	Ave. Sorghum	12.5			10.8			70.0			3.2			68.51			5.19			9.39		
	Min. Sorghum		11.7		8.7			65.0			2.7			64.97			4.35			7.82		
	Max. Sorghum		15.5		12.7			75.7			3.6			74.91			6.17			10.56		