

**TABLE 9: CHEMICAL COMPOSITION OF SORGHUM ACCORDING TO CLASS  
(2017/2018)**

Number of samples	Region	Moisture, %			Protein, % (db)			Starch 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.
<b>GRADE: GM</b>																			
3	Region 18	11.7	11.3	12.0	11.0	10.1	12.5	69.5	69.2	70.1	68.35	67.49	69.56	5.25	4.81	5.47	8.66	8.00	9.30
1	Region 24	11.2	-	-	9.8	-	-	73.1	-	-	73.57	-	-	4.75	-	-	9.65	-	-
1	Region 26	11.3	-	-	9.1	-	-	77.3	-	-	76.39	-	-	4.41	-	-	9.90	-	-
3	Region 27	12.3	12.0	12.7	12.2	11.6	13.0	67.9	67.5	68.1	70.42	69.51	71.87	5.09	4.50	5.62	9.56	8.94	10.34
12	Region 29	11.3	11.1	11.4	11.2	9.6	12.8	71.6	69.6	73.3	73.32	71.10	78.11	4.53	2.32	5.35	10.42	9.59	11.48
1	Region 31	11.6	-	-	12.1	-	-	70.2	-	-	76.10	-	-	4.00	-	-	10.11	-	-
6	Region 35	11.2	10.9	12.0	9.7	6.9	11.3	74.0	72.4	77.2	78.46	76.07	83.08	3.52	1.68	4.14	10.89	10.22	11.52
<b>27</b>	<b>Ave. GM</b>	<b>11.4</b>			<b>10.9</b>			<b>71.7</b>			<b>73.81</b>			<b>4.43</b>			<b>10.17</b>		
	<b>Min. GM</b>		<b>10.9</b>			<b>6.9</b>			<b>67.5</b>			<b>67.49</b>			<b>1.68</b>			<b>8.00</b>	
	<b>Max. GM</b>			<b>12.7</b>			<b>13.0</b>			<b>77.3</b>			<b>83.08</b>			<b>5.62</b>			<b>11.52</b>
<b>GRADE: GH</b>																			
1	Region 17	10.5	-	-	11.3	-	-	60.1	-	-	69.92	-	-	4.93	-	-	10.49	-	-
2	Region 18	11.9	11.4	12.3	10.6	9.1	12.0	68.9	66.2	71.5	67.68	67.41	67.95	4.95	4.74	5.16	9.72	9.49	9.95
1	Region 19	12.0	-	-	10.9	-	-	73.3	-	-	73.19	-	-	3.78	-	-	8.73	-	-
2	Region 20	11.6	11.3	11.9	10.3	9.1	11.5	71.6	70.9	72.3	69.05	66.90	71.19	4.88	4.29	5.47	8.97	8.43	9.51
1	Region 21	12.4	-	-	9.7	-	-	71.3	-	-	69.78	-	-	4.35	-	-	7.91	-	-
3	Region 24	11.6	11.5	11.9	8.9	8.6	9.3	72.6	71.2	74.5	70.46	69.51	71.87	4.66	4.21	4.93	8.46	8.13	8.65
1	Region 27	11.8	-	-	8.9	-	-	75.5	-	-	73.93	-	-	5.15	-	-	9.92	-	-
2	Region 29	11.5	11.4	11.6	11.4	11.3	11.5	69.1	69.0	69.2	68.20	66.17	70.22	4.93	4.46	5.39	9.33	8.78	9.87
2	Region 35	11.5	11.4	11.6	10.4	8.6	12.3	71.4	67.6	75.1	71.00	68.46	73.54	4.50	3.87	5.12	9.49	9.06	9.92
<b>15</b>	<b>Ave. GH</b>	<b>11.6</b>			<b>10.2</b>			<b>70.7</b>			<b>70.00</b>			<b>4.71</b>			<b>9.16</b>		
	<b>Min. GH</b>		<b>10.5</b>			<b>8.6</b>			<b>60.1</b>			<b>66.17</b>			<b>3.78</b>			<b>7.91</b>	
	<b>Max. GH</b>			<b>12.4</b>			<b>12.3</b>			<b>75.5</b>			<b>73.93</b>			<b>5.47</b>			<b>10.49</b>