

TABLE 26: NUTRITIONAL VALUES OF SOUTH AFRICAN WHITE AND YELLOW MAIZE 2014/15 - 2023/24

Season	Number of samples	Fat % (db)			Protein % (db)			Starch % (db)			Crude Fibre % (db)		
		ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.
White Maize													
2014/15	485	4.2	3.3	5.8	9.4	6.3	11.2	72.6	69.8	74.9	-	-	-
2015/16	415	4.1	3.5	5.2	9.7	7.5	12.2	72.6	69.8	76.3	-	-	-
2016/17	549	4.2	3.4	5.3	8.7	6.8	11.5	74.1	69.8	75.9	-	-	-
2017/18	451	4.1	3.4	5.0	8.7	6.8	11.2	73.2	69.4	74.8	-	-	-
2018/19	404	4.0	3.0	5.3	9.0	7.4	12.3	73.6	69.7	75.4	1.9	1.7	2.8
2019/20	516	4.0	3.4	5.0	8.4	6.7	11.7	73.2	69.6	74.9	1.9	1.6	2.6
2020/21	560	4.0	3.4	5.1	8.3	6.0	11.3	75.5	71.4	77.3	2.3	2.1	2.5
2021/22	524	4.0	3.3	5.2	8.0	6.1	10.0	76.0	72.8	76.9	2.2	1.7	2.7
2022/23	520	4.0	3.4	5.3	8.2	6.4	10.5	75.1	71.1	76.7	2.1	1.8	2.4
2023/24	518	3.9	3.4	5.2	8.9	6.7	11.1	74.3	70.5	77.4	2.2	1.8	2.5
Weighted Average		4.0			8.7			74.1			2.4		
Minimum		3.0			6.0			69.4			1.6		
Maximum		5.8			12.3			77.4			2.8		
Yellow Maize													
2014/15	515	4.0	3.1	5.1	9.5	7.1	11.9	72.9	70.8	75.2	-	-	-
2015/16	505	4.0	3.3	5.1	9.7	7.7	12.6	72.3	70.0	75.3	-	-	-
2016/17	451	4.1	3.3	5.1	8.9	7.1	10.8	73.7	71.3	76.2	-	-	-
2017/18	449	4.0	3.2	5.0	9.0	6.7	11.3	72.0	68.5	74.6	-	-	-
2018/19	404	4.0	3.3	5.0	9.2	6.7	11.4	72.7	70.2	75.2	2.0	1.6	2.3
2019/20	374	3.9	3.3	4.6	9.0	7.0	10.9	72.3	68.3	74.9	1.9	1.6	2.5
2020/21	440	4.0	3.2	5.1	8.7	7.1	10.3	74.7	71.9	76.5	2.3	2.0	2.6
2021/22	476	3.9	3.3	4.7	8.4	6.4	10.0	75.1	72.4	76.8	2.3	1.7	2.7
2022/23	480	4.0	3.3	4.9	8.6	6.6	10.6	73.9	70.8	76.5	2.2	1.8	2.6
2023/24	482	3.9	3.2	4.8	9.3	7.5	11.6	73.5	70.0	77.0	2.2	1.8	2.6
Weighted Average		4.0			9.0			73.3			2.5		
Minimum		3.1			6.4			68.3			1.6		
Maximum		5.1			12.6			77.0			2.7		
White and Yellow Maize													
2014/15	1000	4.1	3.1	5.8	9.4	6.3	11.9	72.8	69.8	75.2	-	-	-
2015/16	920	4.1	3.3	5.2	9.7	7.5	12.6	72.4	69.8	76.3	-	-	-
2016/17	1000	4.1	3.3	5.3	8.8	6.8	11.5	73.9	69.8	76.2	-	-	-
2017/18	900	4.0	3.2	5.0	8.8	6.7	11.3	72.6	68.5	74.8	-	-	-
2018/19	808	4.0	3.0	5.3	9.1	6.7	12.3	73.2	69.7	75.4	1.9	1.6	2.8
2019/20	890	4.0	3.3	5.0	8.7	6.7	11.7	72.8	68.3	74.9	1.9	1.6	2.6
2020/21	1000	4.0	3.2	5.1	8.5	6.0	11.3	75.2	71.4	77.3	2.3	2.0	2.6
2021/22	1000	3.9	3.3	5.2	8.2	6.1	10.0	75.6	72.4	76.9	2.2	1.7	2.7
2022/23	1000	4.0	3.3	5.3	8.4	6.4	10.6	74.5	70.8	76.7	2.1	1.8	2.6
2023/24	1000	3.9	3.2	5.2	9.1	6.7	11.6	73.9	70.0	77.4	2.2	1.8	2.6
Weighted Average		4.0			8.9			73.7			2.5		
Minimum		3.0			6.0			68.3			1.6		
Maximum		5.8			12.6			77.4			2.8		