

TABLE 22: NUTRITIONAL VALUES OF SOUTH AFRICAN WHITE AND YELLOW MAIZE 2011/12 - 2020/21

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													
2011/12	577	4.1	3.3	4.7	8.6	6.3	11.2	72.6	70.6	74.3	-	-	-
2012/13	508	4.1	3.3	5.3	9.2	6.4	11.5	71.4	68.5	73.6	-	-	-
2013/14	451	4.0	3.4	5.0	8.6	6.7	10.1	72.9	70.9	75.1	-	-	-
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
Weighted Average		4.1			8.8			73.2			2.1		
Minimum		3.0			6.0			68.5			1.6		
Maximum		5.8			12.3			77.3			2.8		
Yellow Maize													
2011/12	423	3.8	3.0	4.6	8.9	7.0	11.3	73.0	71.0	75.0	-	-	-
2012/13	492	3.9	2.9	4.7	9.2	7.1	12.8	71.9	69.4	73.9	-	-	-
2013/14	479	3.8	3.0	4.8	8.6	6.0	11.3	73.1	70.8	75.7	-	-	-
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
Weighted Average		4.0			9.1			72.9			2.1		
Minimum		2.9			6.0			68.3			1.6		
Maximum		5.1			12.8			76.5			2.6		
White and Yellow Maize													
2011/12	1000	4.0	3.0	4.7	8.7	6.3	11.3	72.8	70.6	75.0	-	-	-
2012/13	1000	4.0	2.9	5.3	9.2	6.4	12.8	71.6	68.5	73.9	-	-	-
2013/14	930	3.9	3.0	5.0	8.6	6.0	11.3	73.0	70.8	75.7	-	-	-
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
Weighted Average		4.0			8.9			73.0			2.0		
Minimum		2.9			6.0			68.3			1.6		
Maximum		5.8			12.8			77.3			2.8		