

**TABLE 4: GRADING QUALITY OF SOUTH AFRICAN
WHITE AND YELLOW MAIZE 1999/00 - 2008/09**

Season	Number of samples	% Defective kernels above 6.35mm sieve			% Defective kernels below 6.35mm sieve			% Foreign matter			% Other colour			% Total deviation		
		ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.
White Maize																
1999/00	493	6.0	0.2	34.6	1.7	0.0	9.0	0.0	0.0	0.9	0.4	0.0	28.4	8.1	0.1	40.9
2000/01	522	3.6	0.2	20.6	1.5	0.0	8.8	0.1	0.0	1.1	0.3	0.0	10.1	5.5	0.5	29.3
2001/02	471	5.0	0.7	26.5	1.4	0.0	6.7	0.0	0.0	0.6	0.3	0.0	7.5	6.7	0.9	31.5
2002/03	517	2.4	0.4	12.9	1.6	0.0	7.5	0.1	0.0	2.0	0.4	0.0	12.7	4.5	1.0	22.2
2003/04	599	4.0	0.6	27.2	2.1	0.4	20.4	0.3	0.0	1.2	0.3	0.0	5.7	6.7	1.3	47.9
2004/05	601	3.5	0.5	28.5	1.9	0.1	16.4	0.2	0.0	0.5	0.3	0.0	12.3	5.9	1.3	31.1
2005/06	593	6.0	0.5	27.9	1.8	0.0	8.8	0.2	0.0	0.7	0.3	0.0	5.0	8.3	1.0	31.2
2006/07	563	2.9	0.1	34.9	2.0	0.1	11.6	0.1	0.0	0.7	0.2	0.0	13.5	5.3	0.4	38.8
2007/08	483	2.0	0.3	13.6	1.6	0.0	10.3	0.2	0.0	0.7	0.2	0.0	5.2	3.9	0.5	18.5
2008/09	483	2.6	0.4	16.9	1.6	0.0	5.5	0.2	0.0	4.0	0.2	0.0	5.0	4.5	1.0	20.2
Weighted Average		3.8			1.7			0.1			0.3			6.0		
Minimum			0.1			0.0			0.0			0.0			0.1	
Maximum				34.9			20.4			4.0			28.4			47.9
Yellow Maize																
1999/00	407	6.5	0.2	40.0	2.1	0.0	14.4	0.0	0.0	0.4	0.2	0.0	3.1	8.8	0.5	48.5
2000/01	378	3.7	0.2	43.5	2.1	0.0	14.3	0.1	0.0	1.3	0.4	0.0	10.1	6.2	0.6	45.3
2001/02	429	6.3	0.6	21.6	1.9	0.0	17.2	0.1	0.0	0.9	0.3	0.0	6.3	8.6	0.7	24.3
2002/03	383	2.1	0.0	10.0	2.5	0.1	10.8	0.2	0.0	2.1	0.2	0.0	3.3	5.0	0.0	15.7
2003/04	301	4.3	0.5	22.5	2.3	0.5	8.7	0.3	0.0	0.9	0.2	0.0	5.3	7.0	1.2	28.0
2004/05	399	4.0	0.6	27.2	2.3	0.3	9.4	0.2	0.0	0.6	0.1	0.0	2.8	6.6	1.0	31.5
2005/06	307	5.5	0.8	23.7	2.0	0.0	9.8	0.2	0.0	0.4	0.4	0.0	16.7	8.1	1.3	32.7
2006/07	337	2.8	0.0	67.7	2.5	0.2	17.3	0.2	0.0	1.9	0.2	0.0	4.6	5.7	0.9	70.0
2007/08	417	1.6	0.3	8.4	2.0	0.2	7.3	0.1	0.0	0.4	0.1	0.0	4.3	3.9	0.6	11.0
2008/09	327	2.3	0.5	15.1	2.0	0.0	10.6	0.2	0.0	3.1	0.2	0.0	13.3	4.7	0.9	29.6
Weighted Average		3.9			2.2			0.2			0.2			6.5		
Minimum			0.0			0.0			0.0			0.0			0.0	
Maximum				67.7			17.3			3.1			16.7			70.0
White and Yellow Maize																
1999/00	900	6.2	0.2	40.0	1.8	0.0	14.4	0.0	0.0	0.9	0.3	0.0	28.4	8.4	0.1	48.5
2000/01	900	3.6	0.2	43.5	1.8	0.0	14.3	0.1	0.0	1.3	0.3	0.0	10.1	5.8	0.5	45.3
2001/02	900	5.6	0.6	26.5	1.6	0.0	17.2	0.1	0.0	0.9	0.3	0.0	7.5	7.6	0.7	31.5
2002/03	900	2.3	0.2	12.9	2.0	0.0	10.8	0.2	0.0	2.1	0.3	0.0	12.7	4.7	0.0	22.2
2003/04	900	4.1	0.5	27.2	2.2	0.4	20.4	0.3	0.0	1.2	0.3	0.0	5.7	6.8	1.2	47.9
2004/05	1000	3.7	0.5	28.5	2.1	0.1	16.4	0.2	0.0	0.6	0.2	0.0	12.3	6.2	1.0	31.5
2005/06	900	5.9	0.5	27.9	1.9	0.0	9.8	0.2	0.0	0.7	0.3	0.0	16.7	8.2	1.0	32.7
2006/07	900	2.9	0.0	67.7	2.2	0.1	17.3	0.2	0.0	1.9	0.2	0.0	13.5	5.4	0.4	70.0
2007/08	900	1.8	0.3	13.6	1.8	0.0	10.3	0.1	0.0	0.7	0.1	0.0	5.2	3.9	0.5	18.5
2008/09	810	2.5	0.4	16.9	1.8	0.0	10.6	0.2	0.0	4.0	0.2	0.0	13.3	4.6	0.9	29.6
Weighted Average		3.9			1.9			0.2			0.2			6.2		
Minimum			0.0			0.0			0.0			0.0			0.0	
Maximum				67.7			20.4			4.0			28.4			70.0

