TABLE 8: USA GRADING OF WHITE MAIZE (2005/06)

Number of samples	Region	Damaged kernels % Heat damaged			Damaged kernels % Total damaged			% Broken corn and foreign material			Hectolitre mass kg/hl			Other colour %		
		ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.
GRADE: US 1																
1	Region 8	0.0	0.0	0.0	1.4	1.4	1.4	0.6	0.6	0.6	79.3	79.3	79.3	0.0	0.0	0.0
2	Region 10	0.0	0.0	0.0	1.2	0.8	1.5	0.6	0.4	0.8	80.8	80.3	81.2	0.3	0.0	0.6
7	Region 11	0.0	0.0	0.0	2.0	1.0	2.5	1.0	0.7	1.3	79.4	77.9	81.0	0.1	0.0	0.4
1	Region 12	0.0	0.0	0.0	1.9	1.9	1.9	0.9	0.9	0.9	76.7	76.7	76.7	0.4	0.4	0.4
5	Region 13	0.0	0.0	0.0	1.7	1.4	2.2	0.2	0.0	1.0	77.3	75.7	77.9	0.1	0.0	0.3
10	Region 14	0.0	0.0	0.0	2.7	2.0	2.8	0.9	0.8	1.2	76.9	73.6	79.0	0.2	0.0	0.4
3	Region 15	0.0	0.0	0.0	2.3	2.1	2.6	1.0	0.6	1.7	79.3	78.9	79.7	0.2	0.0	0.6
7	Region 16	0.0	0.0	0.0	2.0	1.3	2.8	0.6	0.0	1.0	77.8	76.2	79.6	0.0	0.0	0.0
5	Region 18	0.0	0.0	0.0	2.7	2.3	3.0	1.1	0.8	1.7	76.0	72.9	77.8	0.2	0.0	0.4
1	Region 19	0.0	0.0	0.0	2.8	2.8	2.8	0.8	0.8	0.8	77.6	77.6	77.6	0.4	0.4	0.4
2	Region 20	0.0	0.0	0.0	2.3	2.2	2.4	0.8	0.7	0.9	77.5	75.9	79.0	0.2	0.0	0.5
12	Region 23	0.0	0.0	0.0	2.3	1.6	2.9	0.9	0.6	1.4	78.7	76.5	80.8	0.1	0.0	0.4
7	Region 24	0.0	0.0	0.0	2.7	2.4	3.0	0.8	0.6	1.0	77.9	76.7	79.7	0.2	0.0	0.4
4	Region 25	0.0	0.0	0.0	2.6	2.2	3.0	1.0	0.8	1.3	76.0	73.9	78.9	0.0	0.0	0.0
1	Region 26	0.0	0.0	0.0	2.8	2.8	2.8	0.9	0.9	0.9	77.9	77.9	77.9	0.0	0.0	0.0
1	Region 27	0.0	0.0	0.0	2.6	2.6	2.6	0.6	0.6	0.6	76.3	76.3	76.3	0.0	0.0	0.0
8	Region 28	0.0	0.0	0.0	2.1	1.6	2.5	0.8	0.4	1.2	77.0	74.4	79.6	0.1	0.0	0.4
6	Region 29	0.0	0.0	0.0	2.7	2.3	3.0	0.9	0.7	1.1	77.1	74.0	79.0	0.3	0.0	1.4
4	Region 30	0.0	0.0	0.0	2.6	2.3	2.8	0.9	0.5	1.2	77.3	74.8	81.1	0.2	0.0	0.4
7	Region 33	0.0	0.0	0.0	2.7	1.9	3.0	1.1	0.2	2.0	76.1	73.2	78.1	0.4	0.0	1.2
9	Region 34	0.0	0.0	0.0	2.6	2.1	3.0	0.7	0.0	1.7	77.2	74.9	80.0	0.1	0.0	0.5
8	Region 35	0.0	0.0	0.0	1.6	0.6	2.4	0.9	0.0	1.6	76.7	72.5	78.8	0.1	0.0	0.7
6	Region 36	0.0	0.0	0.0	2.4	0.6	2.9	1.0	0.0	1.3	76.0	74.3	78.7	0.0	0.0	0.0
117	**Ave US 1**	**0.0**			**2.3**			**0.8**			**77.4**			**0.1**		
	Min US 1		**0.0**			**0.6**			**0.0**			**72.5**			**0.0**	
	Max US 1			**0.0**			**3.0**			**2.0**			**81.2**			**1.4**
GRADE: US 2																
6	Region 10	0.0	0.0	0.0	3.5	3.1	4.0	1.1	0.8	1.3	80.3	79.4	81.6	0.1	0.0	0.4
1	Region 11	0.0	0.0	0.0	2.8	2.8	2.8	2.6	2.6	2.6	78.7	78.7	78.7	0.0	0.0	0.0
6	Region 12	0.0	0.0	0.0	4.0	3.2	4.9	0.6	0.2	1.0	78.1	77.1	79.3	0.1	0.0	0.5
4	Region 13	0.0	0.0	0.0	4.0	3.7	4.5	1.0	0.5	1.5	77.4	76.2	78.1	0.1	0.0	0.5
9	Region 14	0.0	0.0	0.0	4.1	3.1	4.8	1.3	0.2	2.3	76.3	74.4	78.8	0.3	0.0	0.5
5	Region 15	0.0	0.0	0.0	3.5	3.2	4.1	0.9	0.4	2.2	79.3	78.4	81.2	0.0	0.0	0.0
2	Region 16	0.0	0.0	0.0	4.1	3.2	4.9	1.1	0.6	1.6	75.2	74.5	75.9	0.4	0.1	0.7
9	Region 17	0.0	0.0	0.0	4.0	3.3	5.0	0.9	0.3	1.7	75.6	71.4	78.5	0.1	0.0	0.5
8	Region 18	0.0	0.0	0.0	3.5	2.6	4.4	1.2	0.7	2.2	76.5	75.0	78.0	0.2	0.0	0.7
5	Region 19	0.0	0.0	0.0	3.8	3.2	4.5	0.7	0.2	1.0	77.0	75.3	78.1	0.0	0.0	0.0
4	Region 20	0.0	0.0	0.0	3.9	3.3	4.2	0.8	0.7	0.9	75.5	74.8	75.9	0.4	0.3	0.4
4	Region 21	0.0	0.0	0.0	4.1	3.2	4.7	0.5	0.2	0.8	78.0	75.4	79.7	0.2	0.0	0.4
9	Region 22	0.0	0.0	0.0	4.2	3.3	4.9	0.8	0.4	1.7	78.0	75.4	79.4	0.2	0.0	0.5
12	Region 23	0.0	0.0	0.0	4.0	3.1	4.9	0.8	0.2	1.3	78.5	72.9	80.6	0.2	0.0	0.7
14	Region 24	0.0	0.0	0.0	3.9	3.1	5.0	0.9	0.2	1.2	77.8	74.8	80.1	0.2	0.0	0.9
6	Region 25	0.0	0.0	0.0	3.6	2.5	4.5	1.0	0.6	1.4	76.2	71.7	79.4	0.3	0.0	0.7
5	Region 26	0.0	0.0	0.0	3.7	3.2	4.2	0.8	0.3	1.1	76.8	76.1	77.4	0.4	0.4	0.4
3	Region 27	0.0	0.0	0.0	4.1	3.2	5.0	0.5	0.0	1.5	77.8	75.2	79.4	0.5	0.0	1.1
10	Region 28	0.0	0.0	0.0	4.2	3.1	5.0	1.7	0.6	2.5	76.4	74.1	78.8	0.4	0.0	0.8
2	Region 29	0.0	0.0	0.0	3.2	3.2	3.2	1.0	0.9	1.1	78.0	76.7	79.3	0.0	0.0	0.0
13	Region 30	0.0	0.0	0.0	3.6	2.3	4.7	1.2	0.5	2.5	76.8	74.0	79.8	0.3	0.0	1.6
2	Region 32	0.0	0.0	0.0	4.8	4.5	5.0	0.5	0.4	0.5	77.1	77.0	77.1	0.4	0.3	0.4
13	Region 33	0.0	0.0	0.0	3.8	3.1	4.8	1.2	0.6	2.9	75.9	73.6	77.8	0.4	0.0	1.3
20	Region 34	0.0	0.0	0.0	3.6	3.1	4.9	1.0	0.5	1.8	76.8	74.5	79.7	0.2	0.0	0.7

TABLE 8: USA GRADING OF WHITE MAIZE (2005/06)
(continue)

Number of samples	Region	Damaged kernels						% Broken corn and foreign material			Hectolitre mass kg/hl			Other colour %		
		% Heat damaged			% Total damaged											
		ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.
1	Region 36	0.0	0.0	0.0	3.5	3.5	3.5	0.7	0.7	0.7	79.0	79.0	79.0	0.0	0.0	0.0
173	Ave US 2	0.0			3.8			1.0			77.1			0.2		
	Min US 2		0.0			2.3			0.0			71.4			0.0	
	Max US 2			0.0			5.0			2.9			81.6			1.6
GRADE: US 3																
2	Region 12	0.0	0.0	0.0	5.7	5.7	5.7	0.7	0.2	1.2	76.9	75.7	78.0	0.4	0.3	0.5
5	Region 13	0.0	0.0	0.0	6.2	5.4	6.9	0.6	0.1	1.4	76.7	75.8	78.0	0.2	0.0	0.5
10	Region 14	0.0	0.0	0.0	6.1	5.2	7.0	1.2	0.7	2.1	75.1	73.6	76.5	0.2	0.0	0.4
3	Region 15	0.1	0.0	0.3	4.9	2.8	6.1	1.7	1.1	2.3	77.7	76.3	78.8	0.8	0.5	1.0
2	Region 16	0.0	0.0	0.0	4.6	3.2	5.9	1.0	0.7	1.2	71.4	68.9	73.8	0.6	0.0	1.2
3	Region 17	0.0	0.0	0.0	6.5	5.9	6.8	0.7	0.2	1.4	76.6	73.5	78.3	0.2	0.0	0.5
3	Region 18	0.0	0.0	0.0	6.1	5.7	6.9	1.0	0.7	1.2	74.5	72.5	75.7	0.4	0.0	0.9
4	Region 19	0.0	0.0	0.0	5.6	5.1	6.3	1.3	1.1	1.8	75.5	74.4	76.5	0.1	0.0	0.3
3	Region 20	0.0	0.0	0.0	5.8	5.4	6.2	1.0	0.5	1.4	74.3	73.4	75.4	0.5	0.0	0.9
4	Region 21	0.0	0.0	0.0	5.9	5.6	6.3	1.0	0.7	1.2	76.1	72.7	79.7	0.1	0.0	0.5
8	Region 22	0.0	0.0	0.0	6.0	5.1	6.9	0.7	0.2	1.6	76.8	73.2	79.2	0.0	0.0	0.2
11	Region 23	0.0	0.0	0.0	6.3	5.1	7.0	1.2	0.1	2.9	77.8	76.3	79.3	0.1	0.0	0.6
8	Region 24	0.0	0.0	0.0	6.2	5.3	7.0	1.2	0.5	2.3	76.6	74.0	78.4	0.1	0.0	0.6
4	Region 25	0.0	0.0	0.0	5.8	5.4	6.4	1.2	0.6	1.5	76.3	73.2	79.3	0.5	0.0	1.0
8	Region 26	0.0	0.0	0.0	6.5	5.2	7.0	0.8	0.3	2.2	75.0	67.3	78.2	0.3	0.0	0.9
4	Region 27	0.0	0.0	0.0	6.1	5.7	6.7	1.2	0.1	2.7	75.8	72.9	77.9	0.4	0.0	0.9
7	Region 30	0.0	0.0	0.0	5.6	3.8	6.9	1.5	0.5	3.1	75.6	72.2	77.5	0.5	0.0	1.6
2	Region 33	0.0	0.0	0.0	4.6	2.8	6.3	2.6	1.2	3.9	77.7	77.5	77.8	0.3	0.2	0.4
8	Region 34	0.0	0.0	0.0	5.7	5.1	6.3	2.0	0.6	3.9	75.6	71.8	79.0	0.5	0.0	1.5
99	Ave US 3	0.0			6.0			1.2			76.0			0.3		
	Min US 3		0.0			2.8			0.1			67.3			0.0	
	Max US 3			0.3			7.0			3.9			79.7			1.6
GRADE: US 4																
1	Region 10	0.0	0.0	0.0	7.6	7.6	7.6	1.8	1.8	1.8	78.4	78.4	78.4	1.2	1.2	1.2
2	Region 12	0.0	0.0	0.0	9.0	8.1	9.9	0.5	0.4	0.7	77.0	76.3	77.6	0.3	0.2	0.4
12	Region 13	0.0	0.0	0.0	8.3	7.4	9.6	0.6	0.2	0.8	76.4	74.9	77.5	0.1	0.0	0.5
8	Region 14	0.0	0.0	0.0	8.2	7.2	8.9	0.8	0.4	1.2	74.9	73.2	76.8	0.3	0.0	0.6
1	Region 15	0.0	0.0	0.0	7.7	7.7	7.7	0.7	0.7	0.7	77.2	77.2	77.2	0.0	0.0	0.0
4	Region 16	0.1	0.0	0.2	8.9	8.4	9.4	0.9	0.3	2.4	75.4	71.1	79.0	0.3	0.0	0.6
22	Region 17	0.0	0.0	0.0	8.6	7.3	10.0	1.2	0.0	2.5	73.9	69.9	75.8	0.2	0.0	0.8
8	Region 18	0.0	0.0	0.0	8.2	7.3	10.0	1.1	0.7	1.9	73.8	71.7	75.0	0.3	0.0	0.6
2	Region 19	0.0	0.0	0.0	8.5	7.9	9.1	0.4	0.0	0.9	75.2	74.4	75.9	0.2	0.0	0.3
2	Region 20	0.0	0.0	0.0	8.1	8.0	8.2	0.7	0.4	0.9	75.7	73.9	77.5	0.1	0.0	0.3
4	Region 21	0.0	0.0	0.0	8.3	7.8	9.2	0.8	0.3	1.9	75.9	75.0	78.4	0.1	0.0	0.4
4	Region 22	0.0	0.0	0.0	8.5	7.4	9.5	0.8	0.7	1.0	76.1	71.4	78.3	0.0	0.0	0.0
11	Region 23	0.0	0.0	0.0	8.3	7.2	9.8	1.3	0.2	4.1	77.0	74.5	79.6	0.2	0.0	0.4
4	Region 24	0.0	0.0	0.0	7.8	7.1	8.7	0.6	0.2	1.1	76.9	75.9	77.9	0.4	0.0	1.2
2	Region 25	0.0	0.0	0.0	7.7	7.6	7.9	0.6	0.6	0.7	77.1	75.9	78.3	0.4	0.3	0.5
7	Region 26	0.0	0.0	0.0	8.3	7.9	9.0	0.5	0.3	1.1	75.9	73.5	78.0	0.0	0.0	0.0
7	Region 28	0.0	0.0	0.0	8.3	7.8	9.2	1.0	0.2	2.1	73.9	71.7	74.8	0.6	0.0	1.6
1	Region 29	0.0	0.0	0.0	7.1	7.1	7.1	1.0	1.0	1.0	74.3	74.3	74.3	1.2	1.2	1.2
4	Region 30	0.0	0.0	0.0	7.5	5.1	8.6	2.0	0.8	4.7	75.8	74.7	77.2	0.2	0.0	0.6
2	Region 33	0.0	0.0	0.0	8.1	7.7	8.5	0.5	0.4	0.5	77.2	76.2	78.1	0.4	0.3	0.4
3	Region 34	0.0	0.0	0.0	8.0	7.2	8.7	0.7	0.1	1.6	76.8	75.4	79.4	0.3	0.3	0.4
101	Ave US 4	0.0			8.3			0.9			75.6			0.3		
	Min US 4		0.0			5.1			0.0			69.9			0.0	
	Max US 4			0.2			10.0			4.7			79.6			1.6

TABLE 8: USA GRADING OF WHITE MAIZE (2005/06)
(continue)

Number of samples	Region	Damaged kernels						% Broken corn and foreign material			Hectolitre mass kg/hl			Other colour %		
		% Heat damaged			% Total damaged											
		ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.
GRADE: US 5																
1	Region 12	0.0	0.0	0.0	10.4	10.4	10.4	0.0	0.0	0.0	76.1	76.1	76.1	0.3	0.3	0.3
6	Region 13	0.0	0.0	0.0	12.5	10.2	14.8	0.9	0.2	2.8	75.4	73.5	77.1	0.2	0.0	0.4
8	Region 14	0.0	0.0	0.0	12.1	10.5	13.7	1.4	0.5	2.0	74.6	71.3	76.5	0.7	0.0	1.8
1	Region 15	0.0	0.0	0.0	14.3	14.3	14.3	2.5	2.5	2.5	75.4	75.4	75.4	0.0	0.0	0.0
6	Region 17	0.0	0.0	0.0	10.2	3.4	12.3	1.7	0.4	5.8	71.7	68.4	74.8	0.1	0.0	0.6
5	Region 18	0.0	0.0	0.0	11.3	10.1	13.0	1.3	1.2	1.4	73.9	72.2	74.7	0.2	0.0	0.4
2	Region 19	0.0	0.0	0.0	11.8	11.8	11.9	1.0	0.9	1.0	74.2	72.7	75.6	0.1	0.0	0.2
8	Region 20	0.0	0.0	0.0	11.7	10.8	12.6	0.8	0.3	1.5	73.4	71.4	74.8	0.6	0.0	1.0
2	Region 21	0.0	0.0	0.0	11.1	10.9	11.3	1.9	1.6	2.2	71.1	70.8	71.3	0.0	0.0	0.0
3	Region 22	0.0	0.0	0.0	13.7	12.1	14.7	1.0	0.7	1.3	73.4	69.9	75.9	0.0	0.0	0.0
11	Region 23	0.0	0.0	0.0	11.6	6.2	13.7	2.5	0.4	5.7	74.2	66.3	78.3	0.3	0.0	1.9
3	Region 24	0.0	0.0	0.0	10.9	10.1	11.5	0.8	0.4	1.2	75.0	73.0	77.8	0.1	0.0	0.4
2	Region 25	0.0	0.0	0.0	10.7	10.5	10.9	1.4	1.2	1.6	74.2	72.0	76.3	0.5	0.4	0.6
6	Region 26	0.0	0.0	0.0	11.2	10.3	12.8	0.8	0.4	1.6	73.7	72.6	75.3	0.5	0.3	0.7
3	Region 28	0.0	0.0	0.0	13.4	12.6	14.9	0.6	0.3	1.2	73.9	72.9	75.8	0.4	0.3	0.5
4	Region 30	0.0	0.0	0.0	9.9	6.8	12.2	2.6	0.6	5.7	75.9	74.8	77.1	0.3	0.0	0.4
1	Region 32	0.0	0.0	0.0	10.8	10.8	10.8	2.5	2.5	2.5	74.8	74.8	74.8	0.5	0.5	0.5
1	Region 33	0.0	0.0	0.0	10.3	10.3	10.3	0.7	0.7	0.7	76.2	76.2	76.2	0.8	0.8	0.8
3	Region 34	0.0	0.0	0.0	10.6	10.4	10.7	1.2	0.6	2.1	74.0	71.4	76.6	0.0	0.0	0.0
76	**Ave US 5**	**0.0**			**11.5**			**1.4**			**74.0**			**0.3**		
	Min US 5		**0.0**			**3.4**			**0.0**			**66.3**			**0.0**	
	Max US 5			**0.0**			**14.9**			**5.8**			**78.3**			**1.9**
GRADE: MIXED GRADE																
2	Region 10	0.0	0.0	0.0	3.2	3.0	3.4	0.9	0.7	1.0	80.6	80.3	80.8	4.3	3.6	5.0
1	Region 29	0.0	0.0	0.0	5.0	5.0	5.0	0.6	0.6	0.6	76.6	76.6	76.6	2.3	2.3	2.3
3	Region 33	0.0	0.0	0.0	4.3	4.1	4.8	2.2	1.1	4.4	74.4	73.2	75.3	3.1	2.3	4.4
6	**Ave Mixed Grade**	**0.0**			**4.1**			**1.5**			**76.8**			**3.4**		
	Min Mixed Grade		**0.0**			**3.0**			**0.6**			**73.2**			**2.3**	
	Max Mixed Grade			**0.0**			**5.0**			**4.4**			**80.8**			**5.0**
GRADE: SAMPLE GRADE																
2	Region 12	0.0	0.0	0.0	21.6	15.3	27.9	1.0	0.7	1.3	77.1	76.2	78.0	0.4	0.3	0.5
2	Region 13	0.0	0.0	0.0	16.2	15.7	16.7	0.5	0.5	0.5	74.3	73.2	75.3	0.0	0.0	0.0
1	Region 14	0.0	0.0	0.0	17.4	17.4	17.4	1.2	1.2	1.2	74.9	74.9	74.9	0.0	0.0	0.0
1	Region 16	0.0	0.0	0.0	17.2	17.2	17.2	0.4	0.4	0.4	72.5	72.5	72.5	0.0	0.0	0.0
1	Region 17	0.0	0.0	0.0	18.8	18.8	18.8	1.6	1.6	1.6	76.7	76.7	76.7	0.0	0.0	0.0
1	Region 18	0.0	0.0	0.0	24.5	24.5	24.5	0.7	0.7	0.7	71.1	71.1	71.1	0.3	0.3	0.3
1	Region 19	0.0	0.0	0.0	26.2	26.2	26.2	3.5	3.5	3.5	63.6	63.6	63.6	0.8	0.8	0.8
2	Region 20	0.0	0.0	0.0	21.6	16.2	26.9	1.2	0.7	1.7	69.7	68.0	71.4	0.2	0.0	0.5
2	Region 22	0.0	0.0	0.0	17.4	15.8	18.9	1.3	1.2	1.4	77.3	76.6	78.0	0.0	0.0	0.0
2	Region 23	0.0	0.0	0.0	17.5	15.6	19.5	1.4	1.0	1.8	75.5	72.9	78.1	0.0	0.0	0.0
2	Region 24	0.0	0.0	0.0	16.5	16.2	16.9	1.1	0.7	1.6	64.5	58.3	70.7	0.0	0.0	0.0
1	Region 25	0.0	0.0	0.0	17.6	17.6	17.6	0.9	0.9	0.9	72.6	72.6	72.6	1.9	1.9	1.9
3	Region 26	0.1	0.0	0.4	17.6	15.5	19.6	0.8	0.3	1.3	74.8	72.6	78.3	0.0	0.0	0.0
21	**Ave Sample Grade**	**0.0**			**18.8**			**1.1**			**73.0**			**0.2**		
	Min Sample Grade		**0.0**			**15.3**			**0.3**			**58.3**			**0.0**	
	Max Sample Grade			**0.4**			**27.9**			**3.5**			**78.3**			**1.9**
593	**Ave white maize**	**0.0**			**6.2**			**1.0**			**76.2**			**0.3**		
	Min white maize		**0.0**			**0.6**			**0.0**			**58.3**			**0.0**	
	Max white maize			**0.4**			**27.9**			**5.8**			**81.6**			**5.0**
900	**Ave maize**	**0.0**			**6.0**			**1.1**			**75.9**			**0.3**		
	Min maize		**0.0**			**0.6**			**0.0**			**53.4**			**0.0**	
	Max maize			**0.4**			**27.9**			**6.8**			**81.9**			**16.7**