

TABLE 5: USA GRADING OF WHITE MAIZE (2010/2011)

Number of samples	Region	Damaged kernels						% Broken corn and foreign material			Bushel weight lbs			% Other colour		
		% Heat damaged			% Total damaged											
		ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.
GRADE: US 1																
1	Region 08	0.0	0.0	0.0	2.9	2.9	2.9	0.2	0.2	0.2	60.6	60.6	60.6	0.0	0.0	0.0
3	Region 12	0.0	0.0	0.0	2.9	2.7	3.0	0.3	0.1	0.5	62.0	61.6	62.5	0.3	0.0	0.4
4	Region 13	0.0	0.0	0.0	2.9	2.8	3.0	0.6	0.4	0.9	61.1	60.5	62.0	0.1	0.0	0.4
6	Region 14	0.0	0.0	0.0	2.6	2.2	3.0	0.5	0.3	0.7	60.7	58.3	61.7	0.1	0.0	0.9
2	Region 17	0.0	0.0	0.0	2.3	2.1	2.4	0.4	0.4	0.4	61.3	60.8	61.8	0.0	0.0	0.0
1	Region 19	0.0	0.0	0.0	2.4	2.4	2.4	0.7	0.7	0.7	60.1	60.1	60.1	0.0	0.0	0.0
4	Region 21	0.0	0.0	0.0	2.6	2.5	2.8	0.6	0.4	0.7	60.4	58.0	61.4	0.0	0.0	0.0
5	Region 22	0.0	0.0	0.0	2.3	1.7	2.8	0.6	0.3	0.7	60.9	60.0	61.4	0.1	0.0	0.4
8	Region 23	0.0	0.0	0.0	2.2	1.4	3.0	0.6	0.4	0.7	61.1	59.0	63.3	0.1	0.0	0.4
4	Region 24	0.0	0.0	0.0	2.6	2.0	2.9	0.6	0.5	1.1	61.1	60.3	61.7	0.0	0.0	0.0
2	Region 25	0.0	0.0	0.0	2.2	2.1	2.2	0.8	0.7	0.9	59.7	59.1	60.4	0.0	0.0	0.0
5	Region 26	0.0	0.0	0.0	2.4	1.9	2.7	0.5	0.3	0.7	59.6	58.2	60.7	0.0	0.0	0.0
14	Region 28	0.0	0.0	0.0	1.8	0.5	2.9	0.2	0.0	0.7	60.3	57.4	62.1	0.1	0.0	0.6
3	Region 30	0.0	0.0	0.0	2.6	2.4	2.8	0.4	0.3	0.7	60.7	60.5	60.9	0.1	0.0	0.4
2	Region 31	0.0	0.0	0.0	2.5	2.2	2.8	0.5	0.5	0.5	60.5	60.3	60.7	0.7	0.7	0.8
9	Region 32	0.0	0.0	0.0	2.7	2.4	3.0	0.4	0.3	0.6	60.1	59.0	61.7	0.2	0.0	0.5
6	Region 33	0.0	0.0	0.0	2.5	2.0	2.8	0.6	0.5	0.7	59.2	57.6	60.1	0.3	0.0	0.9
6	Region 34	0.0	0.0	0.0	2.7	2.3	3.0	0.3	0.1	0.4	61.2	60.8	62.3	0.6	0.0	1.1
3	Region 35	0.0	0.0	0.0	2.5	2.0	2.9	0.5	0.1	1.1	60.6	59.4	62.8	0.3	0.0	0.4
8	Region 36	0.0	0.0	0.0	2.1	1.5	2.9	0.5	0.1	1.2	60.3	58.8	62.1	0.1	0.0	0.8
96	Ave US 1	0.0			2.4			0.5			60.5			0.2		
	Min US 1		0.0			0.5			0.0		57.4			0.0		
	Max US 1			0.0		3.0			1.2		63.3			1.1		
GRADE: US 2																
9	Region 12	0.0	0.0	0.0	4.2	3.1	5.0	1.1	0.2	1.9	60.8	60.0	61.8	0.4	0.0	0.8
11	Region 13	0.0	0.0	0.0	3.6	3.1	4.9	0.7	0.2	1.2	60.7	58.9	62.0	0.2	0.0	0.9
8	Region 14	0.0	0.0	0.0	4.1	3.2	5.0	0.8	0.3	1.1	61.1	60.1	62.5	0.1	0.0	0.5
4	Region 15	0.0	0.0	0.0	4.7	4.5	4.9	0.5	0.4	0.5	61.6	61.4	61.8	0.1	0.0	0.5
5	Region 16	0.0	0.0	0.0	4.5	3.5	5.0	0.4	0.2	0.6	61.0	60.4	61.9	0.3	0.0	0.5
19	Region 17	0.0	0.0	0.0	4.0	3.2	5.0	0.7	0.4	0.9	61.0	59.5	61.9	0.3	0.0	0.9
14	Region 18	0.0	0.0	0.0	4.0	3.3	4.8	0.7	0.5	1.4	60.7	59.7	62.6	0.3	0.0	0.7
12	Region 19	0.0	0.0	0.0	3.9	3.1	5.0	1.0	0.5	2.0	59.8	57.2	61.9	0.2	0.0	0.9
6	Region 20	0.0	0.0	0.0	3.9	3.1	4.9	0.7	0.1	1.1	60.7	59.6	62.1	0.4	0.0	0.5
4	Region 21	0.0	0.0	0.0	3.6	3.3	3.8	0.9	0.5	1.2	60.2	58.7	61.9	0.6	0.0	1.3
2	Region 22	0.0	0.0	0.0	4.0	3.1	5.0	0.6	0.5	0.8	60.4	60.1	60.7	0.3	0.0	0.6
6	Region 23	0.0	0.0	0.0	4.5	3.6	4.9	0.6	0.3	1.5	62.2	60.8	63.5	0.1	0.0	0.4
8	Region 24	0.0	0.0	0.0	3.9	3.2	4.8	0.7	0.4	1.1	60.4	58.7	61.5	0.2	0.0	0.4
4	Region 25	0.0	0.0	0.0	4.2	3.6	5.0	0.8	0.3	1.0	60.5	58.6	61.4	0.1	0.0	0.5
2	Region 26	0.0	0.0	0.0	3.8	3.4	4.2	1.0	0.7	1.4	60.9	60.1	61.8	0.0	0.0	0.0
2	Region 27	0.0	0.0	0.0	3.9	3.1	4.7	0.8	0.5	1.1	57.6	57.5	57.8	0.7	0.3	1.0
5	Region 28	0.0	0.0	0.0	4.1	3.9	4.7	0.8	0.4	1.2	59.0	57.7	60.5	0.3	0.0	0.7
3	Region 30	0.0	0.0	0.0	3.6	3.1	4.3	0.2	0.1	0.3	59.4	58.2	60.4	0.0	0.0	0.0
7	Region 32	0.0	0.0	0.0	3.9	3.4	4.8	0.6	0.4	1.0	59.8	58.4	61.0	0.1	0.0	0.5
10	Region 33	0.0	0.0	0.0	3.5	3.1	4.8	0.7	0.6	1.1	58.7	57.6	59.8	0.3	0.0	0.9
16	Region 34	0.0	0.0	0.0	4.0	3.3	5.0	0.4	0.0	1.2	60.9	59.6	62.1	0.3	0.0	1.1
1	Region 35	0.0	0.0	0.0	4.8	4.8	4.8	0.7	0.7	0.7	59.3	59.3	59.3	0.9	0.9	0.9
6	Region 36	0.0	0.0	0.0	3.8	3.1	4.6	0.8	0.3	1.8	59.9	59.0	61.1	0.4	0.0	1.1
164	Ave US 2	0.0			4.0			0.7			60.5			0.3		
	Min US 2		0.0			3.1			0.0		57.2			0.0		
	Max US 2			0.0		5.0			2.0		63.5			1.3		

TABLE 5: USA GRADING OF WHITE MAIZE (2010/2011) (continue)

Number of samples	Region	Damaged kernels						% Broken corn and foreign material			Bushel weight lbs			% Other colour		
		% Heat damaged			% Total damaged			ave.	min.	max.	ave.	min.	max.	ave.	min.	max.
		ave.	min.	max.	ave.	min.	max.									
GRADE: US 3																
6	Region 12	0.0	0.0	0.0	5.8	5.1	6.8	1.1	0.2	2.5	61.2	60.4	62.1	0.5	0.0	0.9
5	Region 13	0.0	0.0	0.0	6.4	5.2	6.9	0.9	0.4	1.8	61.2	60.7	61.9	0.4	0.0	1.0
8	Region 14	0.0	0.0	0.0	5.8	5.1	6.6	1.1	0.2	2.6	60.5	58.6	62.1	0.3	0.0	0.8
1	Region 15	0.0	0.0	0.0	6.9	6.9	6.9	0.7	0.7	0.7	60.5	60.5	60.5	0.0	0.0	0.0
5	Region 16	0.0	0.0	0.0	5.7	5.3	6.2	0.5	0.3	1.3	61.5	61.0	62.5	0.1	0.0	0.4
2	Region 17	0.0	0.0	0.0	5.5	5.3	5.7	0.2	0.2	0.3	60.6	60.4	60.8	0.5	0.4	0.5
2	Region 18	0.0	0.0	0.0	6.5	6.3	6.6	0.9	0.8	1.1	60.0	59.9	60.1	0.7	0.0	1.4
3	Region 19	0.0	0.0	0.0	6.9	6.9	7.0	0.8	0.3	1.3	59.6	58.3	60.4	0.5	0.4	0.7
4	Region 20	0.0	0.0	0.0	6.4	5.3	7.0	1.4	0.5	3.5	60.3	58.3	61.9	0.5	0.0	1.2
1	Region 21	0.0	0.0	0.0	5.1	5.1	5.1	1.0	1.0	1.0	61.0	61.0	61.0	0.5	0.5	0.5
3	Region 22	0.0	0.0	0.0	5.5	5.3	5.8	0.7	0.6	0.8	60.0	60.0	60.0	1.2	0.8	1.4
4	Region 23	0.0	0.0	0.0	6.0	5.1	7.0	0.6	0.4	0.9	61.7	61.0	62.1	0.1	0.0	0.4
6	Region 24	0.0	0.0	0.0	6.0	5.1	6.9	0.8	0.6	1.2	60.9	57.5	62.0	0.4	0.0	1.4
7	Region 25	0.0	0.0	0.0	6.1	5.1	6.7	0.9	0.4	1.7	58.8	56.9	60.4	0.6	0.0	1.0
1	Region 26	0.0	0.0	0.0	6.3	6.3	6.3	0.7	0.7	0.7	61.1	61.1	61.1	1.1	1.1	1.1
3	Region 28	0.0	0.0	0.0	5.5	5.1	6.0	0.6	0.3	1.1	58.8	57.8	60.5	0.6	0.0	0.9
1	Region 30	0.0	0.0	0.0	5.1	5.1	5.1	0.4	0.4	0.4	61.4	61.4	61.4	1.2	1.2	1.2
8	Region 34	0.0	0.0	0.0	5.7	5.1	6.6	0.5	0.3	0.7	60.3	56.7	61.8	0.6	0.0	0.9
1	Region 35	0.0	0.0	0.0	5.7	5.7	5.7	0.4	0.4	0.4	62.2	62.2	62.2	0.0	0.0	0.0
71	Ave US 3	0.0			5.9			0.8			60.5			0.5		
	Min US 3	0.0			5.1			0.2			56.7			0.0		
	Max US 3		0.0		7.0			3.5			62.5			1.4		
GRADE: US 4																
2	Region 12	0.0	0.0	0.0	9.0	8.5	9.5	0.9	0.8	1.0	61.0	60.7	61.4	1.0	0.9	1.1
6	Region 13	0.0	0.0	0.0	8.5	7.3	9.1	0.9	0.4	1.8	60.5	59.7	61.5	0.3	0.0	0.8
3	Region 14	0.0	0.0	0.0	8.2	7.6	8.7	0.6	0.3	0.8	60.4	60.0	61.3	0.0	0.0	0.0
4	Region 15	0.0	0.0	0.0	9.2	8.1	9.8	0.9	0.8	1.0	61.3	61.1	61.5	0.1	0.0	0.4
3	Region 16	0.0	0.0	0.0	8.3	8.2	8.5	0.5	0.3	0.7	61.0	60.6	61.3	0.0	0.0	0.0
3	Region 17	0.0	0.0	0.0	7.4	7.2	7.6	1.2	1.0	1.4	60.2	59.4	60.7	0.6	0.5	0.7
2	Region 18	0.0	0.0	0.0	8.9	8.1	9.6	0.7	0.3	1.1	60.1	59.7	60.6	0.4	0.4	0.4
7	Region 19	0.0	0.0	0.0	7.9	7.1	8.9	1.5	0.8	3.8	59.7	58.3	60.7	0.5	0.0	0.9
1	Region 20	0.0	0.0	0.0	9.2	9.2	9.2	0.4	0.4	0.4	61.1	61.1	61.1	0.4	0.4	0.4
6	Region 23	0.1	0.0	0.8	7.9	6.5	9.4	0.5	0.2	0.7	61.0	60.0	62.3	0.5	0.0	1.1
3	Region 24	0.0	0.0	0.0	8.1	7.7	8.8	1.0	0.7	1.5	60.5	59.1	62.1	0.1	0.0	0.4
3	Region 25	0.0	0.0	0.0	7.8	7.5	8.0	0.6	0.3	0.8	58.2	57.5	59.0	0.4	0.0	0.8
2	Region 26	0.0	0.0	0.0	7.9	7.4	8.4	0.7	0.5	0.8	57.4	57.0	57.7	0.9	0.8	1.1
1	Region 28	0.0	0.0	0.0	7.3	7.3	7.3	1.2	1.2	1.2	60.4	60.4	60.4	0.8	0.8	0.8
1	Region 33	0.0	0.0	0.0	8.6	8.6	8.6	0.4	0.4	0.4	59.7	59.7	59.7	0.6	0.6	0.6
1	Region 34	0.0	0.0	0.0	7.3	7.3	7.3	0.2	0.2	0.2	58.3	58.3	58.3	0.6	0.6	0.6
1	Region 36	0.0	0.0	0.0	9.6	9.6	9.6	0.1	0.1	0.1	62.4	62.4	62.4	0.0	0.0	0.0
49	Ave US 4	0.0			8.2			0.8			60.2			0.4		
	Min US 4	0.0			6.5			0.1			57.0			0.0		
	Max US 4		0.8		9.8			3.8			62.4			1.1		
GRADE: US 5																
1	Region 12	0.0	0.0	0.0	10.6	10.6	10.6	1.0	1.0	1.0	60.4	60.4	60.4	0.9	0.9	0.9
2	Region 13	0.0	0.0	0.0	11.4	10.2	12.7	0.9	0.8	0.9	59.2	58.9	59.5	0.4	0.4	0.4
4	Region 14	0.5	0.0	1.9	11.5	10.8	12.3	0.9	0.2	1.5	59.4	56.4	62.7	0.2	0.0	0.5
1	Region 15	0.0	0.0	0.0	13.3	13.3	13.3	0.8	0.8	0.8	62.1	62.1	62.1	0.9	0.9	0.9
1	Region 16	0.0	0.0	0.0	11.1	11.1	11.1	0.6	0.6	0.6	62.2	62.2	62.2	0.0	0.0	0.0
4	Region 17	0.0	0.0	0.0	11.3	10.3	12.8	0.8	0.4	1.0	60.4	59.9	61.3	0.6	0.0	1.1

TABLE 5: USA GRADING OF WHITE MAIZE (2010/2011) (continue)

Number of samples	Region	Damaged kernels						% Broken corn and foreign material			Bushel weight lbs			% Other colour		
		% Heat damaged			% Total damaged			ave.	min.	max.	ave.	min.	max.	ave.	min.	max.
		ave.	min.	max.	ave.	min.	max.									
GRADE: US 5 (continue)																
2	Region 18	0.0	0.0	0.0	12.0	10.4	13.6	1.0	0.7	1.2	59.0	58.7	59.4	0.5	0.4	0.6
2	Region 19	0.6	0.0	1.3	13.8	12.8	14.8	1.0	0.7	1.3	60.0	59.7	60.2	0.3	0.0	0.5
1	Region 20	0.0	0.0	0.0	10.6	10.6	10.6	3.9	3.9	3.9	59.2	59.2	59.2	0.8	0.8	0.8
3	Region 23	0.0	0.0	0.0	14.6	14.4	14.9	1.1	0.8	1.3	58.7	55.9	60.5	0.4	0.0	0.8
21	Ave US 5	0.1			12.2			1.0			59.8			0.5		
	Min US 5	0.0			10.2			0.2			55.9			0.0		
	Max US 5		1.9		14.9			3.9			62.7			1.1		
GRADE: MIXED GRADE																
1	Region 14	0.0	0.0	0.0	3.9	3.9	3.9	0.6	0.6	0.6	61.7	61.7	61.7	2.8	2.8	2.8
1	Region 18	0.0	0.0	0.0	8.6	8.6	8.6	1.0	1.0	1.0	60.7	60.7	60.7	3.2	3.2	3.2
3	Region 25	0.0	0.0	0.0	6.4	4.3	7.4	1.7	0.5	2.7	58.7	57.1	60.0	3.0	2.2	3.5
2	Region 28	0.0	0.0	0.0	3.3	3.0	3.5	0.8	0.7	1.0	59.3	59.2	59.4	2.9	2.3	3.4
7	Ave Mixed Grade	0.0			5.5			1.2			59.6			3.0		
	Min Mixed Grade		0.0		3.0			0.5			57.1			2.2		
	Max Mixed Grade		0.0		8.6			2.7			61.7			3.5		
GRADE: SAMPLE GRADE																
1	Region 13	0.0	0.0	0.0	16.6	16.6	16.6	0.9	0.9	0.9	59.7	59.7	59.7	0.9	0.9	0.9
1	Region 14	0.0	0.0	0.0	16.2	16.2	16.2	0.0	0.0	0.0	60.3	60.3	60.3	0.7	0.7	0.7
1	Region 19	0.0	0.0	0.0	28.1	28.1	28.1	7.3	7.3	7.3	55.4	55.4	55.4	0.0	0.0	0.0
2	Region 20	33.0	0.0	66.0	43.8	20.6	67.1	1.2	0.4	1.9	59.3	58.6	60.0	11.6	0.0	23.2
5	Ave Sample Grade	13.2			29.7			2.1			58.8			5.0		
	Min Sample Grade		0.0		16.2			0.0			55.4			0.0		
	Max Sample Grade		66.0		67.1			7.3			60.3			23.2		
413	Ave white maize	0.2			5.2			0.7			60.4			0.4		
	Min white maize		0.0		0.5			0.0			55.4			0.0		
	Max white maize		66.0		67.1			7.3			63.5			23.2		
693	Ave maize	0.1			5.0			0.8			59.9			0.3		
	Min maize		0.0		0.5			0.0			53.6			0.0		
	Max maize		66.0		67.1			7.3			63.5			23.2		