

TABLE 7: USA GRADING OF YELLOW MAIZE (2015/2016)

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 No.1																
1	Region 3	0.0	-	-	1.6	-	-	0.9	-	-	61.2	-	-	0.0	-	-
2	Region 8	0.0	0.0	0.0	2.6	2.5	2.7	0.6	0.5	0.7	59.9	59.5	60.3	0.0	0.0	0.0
21	Region 10	0.0	0.0	0.0	1.5	0.6	3.0	0.5	0.0	1.8	61.7	59.4	63.4	0.0	0.0	0.0
12	Region 11	0.0	0.0	0.0	2.3	1.5	3.0	0.5	0.2	0.8	62.0	58.9	63.2	0.0	0.0	0.0
4	Region 12	0.0	0.0	0.0	1.6	1.0	2.4	0.8	0.4	1.4	59.8	58.9	60.7	0.2	0.0	0.3
4	Region 13	0.0	0.0	0.0	2.1	1.5	2.8	0.8	0.0	1.6	60.3	58.2	62.0	1.3	0.0	4.5
3	Region 14	0.0	0.0	0.0	2.1	1.7	2.4	0.9	0.7	1.1	60.3	59.8	60.8	0.2	0.0	0.6
1	Region 17	0.0	-	-	2.5	-	-	0.8	-	-	60.8	-	-	0.0	-	-
4	Region 18	0.0	0.0	0.0	2.3	1.7	2.6	0.8	0.3	1.1	61.0	60.4	61.5	1.2	0.0	3.7
3	Region 19	0.0	0.0	0.0	2.4	1.6	2.8	0.7	0.4	1.4	61.1	60.8	61.3	0.2	0.0	0.3
1	Region 20	0.0	-	-	2.7	-	-	0.5	-	-	59.4	-	-	0.0	-	-
2	Region 21	0.0	0.0	0.0	2.2	2.2	2.2	0.6	0.4	0.9	60.5	60.3	60.7	0.6	0.4	0.8
1	Region 22	0.0	-	-	2.5	-	-	1.6	-	-	60.6	-	-	2.3	-	-
3	Region 23	0.0	0.0	0.0	2.4	2.1	2.8	0.8	0.8	0.9	61.0	59.9	61.8	0.0	0.0	0.0
1	Region 24	0.0	-	-	2.8	-	-	1.8	-	-	61.5	-	-	1.0	-	-
10	Region 25	0.0	0.0	0.0	1.9	0.0	2.8	0.9	0.0	1.8	60.2	58.2	61.4	0.0	0.0	0.0
7	Region 26	0.0	0.0	0.0	2.0	1.4	2.6	0.5	0.0	1.1	60.4	57.2	62.9	0.2	0.0	0.5
2	Region 27	0.0	0.0	0.0	2.5	2.4	2.5	0.4	0.2	0.6	60.6	60.1	61.1	0.0	0.0	0.0
20	Region 28	0.0	0.0	0.0	2.0	1.1	2.6	0.5	0.0	1.2	59.0	56.5	61.0	0.1	0.0	0.5
40	Region 29	0.0	0.0	0.0	1.7	0.6	2.8	0.5	0.1	1.4	60.3	58.6	63.1	0.0	0.0	0.4
49	Region 30	0.0	0.0	0.0	2.2	1.2	3.0	0.6	0.0	1.9	59.0	56.5	61.2	0.0	0.0	0.5
24	Region 31	0.0	0.0	0.0	2.4	0.9	3.0	0.6	0.0	1.6	59.1	56.0	62.0	0.0	0.0	0.0
26	Region 32	0.0	0.0	0.0	2.2	1.3	3.0	0.6	0.0	0.8	58.4	56.0	61.5	0.3	0.0	1.8
18	Region 33	0.0	0.0	0.0	2.0	1.3	2.6	0.6	0.0	1.2	59.7	58.3	62.6	0.3	0.0	1.9
18	Region 34	0.0	0.0	0.0	2.2	1.1	3.0	0.4	0.1	1.0	59.7	58.2	62.0	0.1	0.0	0.5
9	Region 35	0.0	0.0	0.0	2.2	1.6	2.9	0.7	0.0	1.1	58.6	56.6	60.8	0.1	0.0	0.5
23	Region 36	0.0	0.0	0.0	2.1	0.1	2.9	0.4	0.1	1.2	60.6	58.9	62.3	0.4	0.0	2.7
309	Ave. US No.1	0.0			2.1			0.6			59.8			0.1		
	Min. US No.1	0.0			0.0			0.0			56.0			0.0		
	Max. US No.1	0.0			3.0			1.9			63.4			4.5		
GRADE: US No.2																
2	Region 8	0.0	0.0	0.0	4.1	3.7	4.5	0.5	0.0	1.0	60.9	59.9	61.8	0.0	0.0	0.0
3	Region 10	0.0	0.0	0.0	2.8	1.3	4.0	1.4	0.5	2.1	62.0	60.4	63.0	0.0	0.0	0.0
7	Region 11	0.0	0.0	0.0	4.1	3.2	5.0	0.8	0.0	2.6	61.0	58.8	62.8	0.1	0.0	0.4
1	Region 13	0.0	-	-	4.3	-	-	1.8	-	-	58.0	-	-	0.5	-	-
3	Region 17	0.0	0.0	0.0	3.9	3.1	4.8	0.8	0.6	1.0	61.1	59.6	61.8	0.1	0.0	0.2
1	Region 18	0.0	-	-	4.3	-	-	1.5	-	-	60.4	-	-	0.0	-	-
4	Region 19	0.0	0.0	0.0	4.0	3.4	4.9	1.9	1.2	2.6	58.5	55.5	60.4	0.1	0.0	0.4
2	Region 20	0.0	0.0	0.0	3.1	2.2	3.9	1.9	1.4	2.5	59.0	58.8	59.1	0.5	0.3	0.7
2	Region 22	0.0	0.0	0.0	3.7	3.5	3.8	0.7	0.7	0.7	59.3	58.7	59.8	0.3	0.0	0.6
1	Region 24	0.0	-	-	3.0	-	-	2.6	-	-	61.3	-	-	1.5	-	-
3	Region 25	0.0	0.0	0.0	2.9	2.2	3.4	2.4	1.9	3.0	60.2	59.4	61.6	0.4	0.0	0.6
4	Region 26	0.0	0.0	0.0	3.5	3.1	3.9	0.6	0.4	0.7	59.2	57.0	61.5	0.3	0.0	0.7
6	Region 28	0.0	0.0	0.0	3.4	1.9	3.9	0.9	0.0	2.4	58.4	57.0	60.3	0.1	0.0	0.3
3	Region 29	0.0	0.0	0.0	3.2	3.1	3.4	0.8	0.6	0.9	57.1	55.3	59.8	0.2	0.0	0.5
8	Region 30	0.0	0.0	0.0	3.3	2.0	4.0	0.9	0.2	2.2	59.2	57.3	61.1	0.0	0.0	0.4
10	Region 31	0.0	0.0	0.0	3.8	3.1	4.9	0.6	0.0	2.8	58.7	56.7	60.4	0.1	0.0	0.5
14	Region 32	0.0	0.0	0.0	3.8	2.2	4.7	0.8	0.5	1.9	58.8	55.6	61.3	0.3	0.0	2.4
12	Region 33	0.0	0.0	0.0	3.7	1.8	4.6	0.8	0.4	2.1	58.9	57.5	60.3	0.1	0.0	1.0
11	Region 34	0.0	0.0	0.0	4.0	3.1	4.8	0.7	0.0	2.4	59.5	56.8	61.1	0.1	0.0	1.0
3	Region 35	0.0	0.0	0.0	4.2	3.6	4.7	0.6	0.3	0.9	59.5	58.3	60.2	0.2	0.0	0.7
12	Region 36	0.0	0.0	0.0	3.6	2.2	4.8	1.2	0.1	2.8	60.2	58.8	61.3	0.3	0.0	1.0

TABLE 7: USA GRADING OF YELLOW MAIZE (2015/2016) (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 No.2																
112	Ave. US No.2	0.0			3.7			1.0			59.4			0.2		
	Min. US No.2	0.0			1.3			0.0			55.3			0.0		
	Max. US No.2	0.0			5.0			3.0			63.0			2.4		
GRADE: US No.3																
4	Region 8	0.0	0.0	0.0	5.5	5.3	5.7	1.6	0.9	2.1	59.4	58.6	59.9	0.0	0.0	0.0
2	Region 10	0.0	0.0	0.0	0.7	0.6	0.8	3.2	3.2	3.3	62.2	62.1	62.3	0.0	0.0	0.0
2	Region 11	0.0	0.0	0.0	6.4	6.3	6.6	0.7	0.2	1.2	62.2	61.8	62.5	0.0	0.0	0.0
2	Region 13	0.0	0.0	0.0	3.4	1.6	5.1	2.2	0.9	3.6	59.4	58.1	60.6	0.4	0.4	0.5
1	Region 18	0.0	-	-	5.3	-	-	0.4	-	-	57.2	-	-	0.5	-	-
1	Region 19	0.0	-	-	5.7	-	-	1.7	-	-	61.4	-	-	0.4	-	-
12	Region 20	0.0	0.0	0.0	5.6	1.9	6.8	1.5	0.3	3.7	59.5	52.8	61.1	0.2	0.0	0.8
2	Region 21	0.0	0.0	0.0	6.9	6.9	6.9	1.2	0.8	1.6	59.5	58.4	60.6	0.6	0.5	0.6
1	Region 24	0.0	-	-	7.0	-	-	2.8	-	-	58.6	-	-	0.0	-	-
2	Region 26	0.0	0.0	0.0	4.9	4.0	5.8	1.9	0.0	3.7	57.7	56.3	59.0	0.0	0.0	0.0
1	Region 27	0.0	-	-	5.2	-	-	1.5	-	-	59.8	-	-	0.0	-	-
4	Region 28	0.1	0.0	0.5	5.5	4.1	6.7	1.1	0.3	2.5	57.4	53.2	59.3	0.0	0.0	0.0
1	Region 30	0.0	-	-	5.7	-	-	1.3	-	-	56.3	-	-	3.6	-	-
1	Region 31	0.0	-	-	6.7	-	-	1.3	-	-	58.6	-	-	0.0	-	-
3	Region 32	0.0	0.0	0.0	6.3	5.3	6.9	1.6	1.3	1.9	56.7	55.4	58.1	0.2	0.0	0.5
2	Region 34	0.3	0.0	0.5	4.5	3.9	5.1	1.4	0.9	1.9	59.3	56.5	62.0	0.3	0.0	0.6
3	Region 35	0.0	0.0	0.0	6.0	5.7	6.5	0.9	0.3	1.9	59.2	58.9	59.6	0.3	0.0	0.6
2	Region 36	0.0	0.0	0.0	4.1	2.8	5.4	1.9	0.1	3.7	58.6	57.8	59.4	0.3	0.0	0.6
GRADE: US No.4																
46	Ave. US No.3	0.0			5.4			1.5			59.1			0.3		
	Min. US No.3	0.0			0.6			0.0			52.8			0.0		
	Max. US No.3	0.5			7.0			3.7			62.5			3.6		
GRADE: US No.4																
1	Region 8	0.0	-	-	7.2	-	-	2.3	-	-	59.8	-	-	0.0	-	-
3	Region 11	0.0	0.0	0.0	7.7	7.3	8.0	1.5	1.0	1.7	60.7	60.1	61.1	0.1	0.0	0.4
2	Region 17	0.0	0.0	0.0	4.3	2.4	6.2	3.2	2.1	4.3	55.5	51.4	59.6	0.0	0.0	0.0
2	Region 18	0.0	0.0	0.0	7.0	5.1	8.9	4.2	4.0	4.5	56.8	55.8	57.8	0.0	0.0	0.0
2	Region 19	0.0	0.0	0.0	7.0	6.5	7.5	2.6	1.2	4.1	57.4	55.1	59.7	0.0	0.0	0.0
2	Region 20	0.0	0.0	0.0	7.4	7.3	7.4	2.3	0.8	3.8	57.9	56.2	59.6	0.7	0.0	1.4
1	Region 21	0.0	-	-	7.1	-	-	1.5	-	-	59.0	-	-	0.0	-	-
1	Region 22	0.0	-	-	7.5	-	-	2.2	-	-	59.8	-	-	0.2	-	-
1	Region 24	0.0	-	-	7.1	-	-	2.6	-	-	58.6	-	-	0.0	-	-
1	Region 28	0.0	-	-	7.2	-	-	0.7	-	-	57.5	-	-	0.0	-	-
1	Region 30	0.0	-	-	4.5	-	-	4.6	-	-	58.5	-	-	0.0	-	-
1	Region 31	0.0	-	-	7.6	-	-	0.9	-	-	57.2	-	-	0.0	-	-
1	Region 33	0.0	-	-	7.4	-	-	0.8	-	-	61.3	-	-	0.5	-	-
1	Region 35	0.0	-	-	7.4	-	-	4.2	-	-	58.9	-	-	0.0	-	-
2	Region 36	0.0	0.0	0.0	7.3	7.3	7.4	0.5	0.3	0.8	55.8	53.5	58.1	0.6	0.0	1.2
GRADE: US No.5																
22	Ave. US No.4	0.0			6.9			2.3			58.2			0.2		
	Min. US No.4	0.0			2.4			0.3			51.4			0.0		
	Max. US No.4	0.0			8.9			4.6			61.3			1.4		
GRADE: US No.5																
1	Region 8	0.0	-	-	4.0	-	-	5.8	-	-	58.6	-	-	0.0	-	-
1	Region 12	0.0	-	-	13.9	-	-	1.6	-	-	61.2	-	-	0.0	-	-
1	Region 13	0.0	-	-	10.1	-	-	0.8	-	-	59.2	-	-	0.4	-	-
1	Region 18	0.0	-	-	10.7	-	-	1.5	-	-	59.1	-	-	0.4	-	-
2	Region 19	0.0	0.0	0.0	12.4	11.7	13.2	2.3	1.6	3.0	58.7	56.7	60.6	0.0	0.0	0.0
2	Region 20	0.0	0.0	0.0	10.5	10.3	10.8	1.3	1.1	1.5	54.7	50.8	58.5	0.0	0.0	0.0

TABLE 7: USA GRADING OF YELLOW MAIZE (2015/2016) (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 No.5																
1	Region 23	0.0	-	-	11.1	-	-	0.5	-	-	59.3	-	-	0.5	-	-
1	Region 26	0.0	-	-	10.9	-	-	0.0	-	-	61.3	-	-	0.0	-	-
1	Region 28	0.0	-	-	4.6	-	-	6.0	-	-	54.5	-	-	0.0	-	-
11	Ave. US No.5	0.0			10.1			2.1			58.2			0.1		
	Min. US No.5		0.0			4.0			0.0			50.8			0.0	
	Max. US No.5			0.0			13.9			6.0			61.3			0.5
GRADE: Sample Grade																
1	Region 20	0.0	-	-	25.9	-	-	2.2	-	-	46.4	-	-	0.3	-	-
1	Region 24	0.0	-	-	16.9	-	-	0.5	-	-	62.2	-	-	0.0	-	-
1	Region 27	3.4	-	-	14.5	-	-	2.9	-	-	60.5	-	-	0.4	-	-
1	Region 31	0.0	-	-	4.2	-	-	8.8	-	-	53.9	-	-	0.0	-	-
1	Region 32	0.0	-	-	4.3	-	-	9.6	-	-	60.6	-	-	0.0	-	-
5	Ave. Sample Grade	0.7			13.2			4.8			56.7			0.1		
	Min. Sample Grade		0.0			4.2			0.5			46.4			0.0	
	Max. Sample Grade			3.4			25.9			9.6			62.2			0.4
505	Ave. yellow maize	0.0			3.2			0.9			59.5			0.2		
	Min. yellow maize		0.0			0.0			0.0			46.4			0.0	
	Max. yellow maize			3.4			25.9			9.6			63.4			4.5
920	Ave. maize	0.2			3.5			0.9			60.1			0.3		
	Min. maize		0.0			0.0			0.0			46.4			0.0	
	Max. maize			79.9			79.9			9.6			65.2			8.0