

TABLE 9: USA GRADING OF YELLOW MAIZE (2017/2018)

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																
15	Region 10	0.0	0.0	0.0	1.2	0.2	2.5	0.5	0.1	1.0	62.0	61.4	62.7	0.0	0.0	0.0
14	Region 11	0.0	0.0	0.0	1.1	0.4	2.9	0.3	0.1	0.6	61.6	59.6	63.6	0.0	0.0	0.0
6	Region 12	0.0	0.0	0.0	1.9	1.4	2.4	0.6	0.0	2.0	60.1	58.3	61.4	0.1	0.0	0.2
5	Region 13	0.0	0.0	0.0	1.8	1.1	2.9	0.5	0.2	0.8	60.1	58.9	60.8	0.1	0.0	0.2
8	Region 14	0.0	0.0	0.0	1.7	0.3	2.3	0.3	0.0	1.1	60.7	58.9	62.2	0.2	0.0	0.8
3	Region 16	0.0	0.0	0.0	1.7	1.3	2.6	0.5	0.4	0.8	60.3	59.6	60.7	0.7	0.0	1.8
5	Region 17	0.0	0.0	0.0	2.2	1.4	2.9	0.8	0.2	1.5	59.9	58.3	60.9	0.3	0.0	0.5
4	Region 18	0.0	0.0	0.0	1.9	1.4	2.2	0.5	0.1	0.8	60.2	60.1	60.4	0.3	0.0	0.6
8	Region 19	0.0	0.0	0.0	1.5	0.3	2.6	0.4	0.1	0.7	60.5	57.8	62.8	0.1	0.0	0.2
1	Region 20	0.0	-	-	1.1	-	-	0.1	-	-	60.4	-	-	0.6	-	-
6	Region 21	0.0	0.0	0.0	2.4	1.7	2.9	0.5	0.1	0.9	60.2	59.4	61.1	0.1	0.0	0.3
4	Region 22	0.0	0.0	0.0	2.6	2.2	2.9	0.6	0.1	1.6	60.7	59.2	62.0	0.5	0.0	1.3
3	Region 23	0.0	0.0	0.0	1.8	1.4	2.4	0.3	0.2	0.5	61.6	60.2	64.1	0.0	0.0	0.0
5	Region 24	0.0	0.0	0.0	1.9	1.2	2.4	0.8	0.1	1.4	58.5	57.6	59.4	0.0	0.0	0.2
1	Region 25	0.0	-	-	1.5	-	-	0.1	-	-	60.2	-	-	0.0	-	-
6	Region 26	0.0	0.0	0.0	2.3	1.5	3.0	0.6	0.2	1.4	58.7	57.4	60.8	0.0	0.0	0.1
2	Region 27	0.0	0.0	0.0	2.9	2.9	3.0	0.5	0.1	0.8	59.1	58.9	59.3	0.0	0.0	0.0
9	Region 28	0.0	0.0	0.0	2.1	0.8	2.9	0.2	0.0	0.7	59.6	57.1	61.0	0.1	0.0	0.4
24	Region 29	0.0	0.0	0.0	1.9	0.8	3.0	0.3	0.1	0.9	60.6	58.4	63.0	0.1	0.0	0.5
30	Region 30	0.0	0.0	0.0	2.0	0.6	2.9	0.5	0.1	1.2	59.1	56.1	61.3	0.1	0.0	0.7
22	Region 31	0.0	0.0	0.0	2.1	1.1	3.0	0.5	0.0	1.8	59.9	57.5	62.5	0.1	0.0	0.5
36	Region 32	0.0	0.0	0.0	2.0	0.8	2.9	0.3	0.0	1.1	59.7	56.5	61.5	0.1	0.0	1.2
4	Region 33	0.0	0.0	0.0	2.5	2.3	3.0	0.2	0.1	0.4	59.0	58.2	59.8	0.7	0.0	2.2
21	Region 34	0.0	0.0	0.0	2.1	0.7	3.0	0.5	0.1	2.0	60.9	58.1	62.9	0.1	0.0	0.2
4	Region 35	0.0	0.0	0.0	2.2	1.8	2.6	0.2	0.1	0.3	60.8	60.4	61.2	0.0	0.0	0.0
8	Region 36	0.0	0.0	0.0	2.3	1.7	3.0	0.2	0.0	0.3	60.9	58.6	62.2	0.1	0.0	0.5
254	Ave. US No.1	0.0			1.9			0.4			60.2			0.1		
	Min. US No.1	0.0			0.2			0.0			56.1			0.0		
	Max. US No.1	0.0			3.0			2.0			64.1			2.2		
GRADE: US No.2																
1	Region 12	0.0	-	-	4.3	-	-	0.1	-	-	58.8	-	-	3.2	-	-
2	Region 13	0.0	0.0	0.0	3.2	3.1	3.4	0.4	0.4	0.4	59.5	59.1	59.8	0.0	0.0	0.0
3	Region 14	0.0	0.0	0.0	4.4	4.0	4.7	0.4	0.1	0.9	59.2	55.8	61.1	0.4	0.2	0.7
1	Region 15	0.2	-	-	2.5	-	-	0.3	-	-	58.9	-	-	0.0	-	-
3	Region 17	0.0	0.0	0.0	2.6	1.0	3.8	1.1	0.3	2.4	59.8	58.1	61.1	0.6	0.0	1.5
4	Region 18	0.0	0.0	0.0	4.0	3.4	4.8	0.9	0.2	2.6	60.8	59.1	61.8	0.1	0.0	0.2
6	Region 20	0.0	0.0	0.0	3.5	2.3	4.4	1.1	0.2	2.8	61.1	60.0	62.7	0.0	0.0	0.0
2	Region 21	0.0	0.0	0.0	3.7	3.2	4.3	0.4	0.2	0.7	60.6	59.6	61.5	0.6	0.0	1.2
5	Region 24	0.0	0.0	0.0	3.2	1.7	4.6	0.8	0.1	2.9	57.6	54.1	59.1	0.5	0.0	1.2
4	Region 26	0.0	0.0	0.0	4.0	3.2	5.0	0.6	0.2	1.2	58.4	55.7	59.9	0.0	0.0	0.0
5	Region 27	0.0	0.0	0.2	3.7	2.5	4.7	0.2	0.0	0.6	59.7	59.1	60.0	0.0	0.0	0.2
3	Region 28	0.0	0.0	0.0	3.7	3.2	4.4	0.2	0.1	0.2	60.6	59.5	61.6	0.1	0.0	0.2
21	Region 29	0.0	0.0	0.0	3.9	3.1	4.8	0.4	0.1	1.2	60.1	57.6	61.8	0.0	0.0	0.3
13	Region 30	0.0	0.0	0.0	3.8	2.7	4.7	0.6	0.1	2.7	59.5	56.8	62.1	0.0	0.0	0.3
24	Region 31	0.0	0.0	0.2	4.0	3.1	4.9	0.4	0.1	1.2	60.4	57.0	62.3	0.0	0.0	0.2
21	Region 32	0.0	0.0	0.2	3.8	2.8	4.7	0.5	0.0	1.7	60.1	58.9	63.5	0.0	0.0	0.4
4	Region 34	0.0	0.0	0.0	4.2	3.2	4.9	0.1	0.1	0.2	59.6	59.1	60.1	0.0	0.0	0.1
1	Region 35	0.0	-	-	3.8	-	-	1.3	-	-	60.8	-	-	0.2	-	-

TABLE 9: USA GRADING OF YELLOW MAIZE (2017/2018) (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.									
8	Region 36	0.0	0.0	0.2	4.1	3.1	4.8	0.2	0.0	0.6	60.1	57.4	61.8	0.0	0.0	0.2
131	Ave. US No.2	0.0			3.8			0.5			59.9			0.1		
	Min. US No.2	0.0			1.0			0.0			54.1			0.0		
	Max. US No.2	0.2			5.0			2.9			63.5			3.2		
GRADE: US No.3																
1	Region 13	0.0	-	-	5.6	-	-	0.6	-	-	59.6	-	-	0.0	-	-
2	Region 16	0.0	0.0	0.0	3.6	1.9	5.3	2.4	1.6	3.3	56.9	55.6	58.1	0.0	0.0	0.0
1	Region 19	0.0	-	-	5.8	-	-	3.0	-	-	58.7	-	-	1.1	-	-
1	Region 23	0.3	-	-	0.9	-	-	0.5	-	-	59.5	-	-	0.2	-	-
1	Region 24	0.0	-	-	1.7	-	-	3.5	-	-	57.9	-	-	0.0	-	-
2	Region 26	0.0	0.0	0.0	5.3	5.3	5.3	0.8	0.6	1.0	58.8	57.3	60.3	0.0	0.0	0.0
2	Region 27	0.0	0.0	0.0	4.8	3.9	5.7	2.2	0.4	4.0	58.1	56.6	59.6	0.1	0.0	0.2
3	Region 28	0.0	0.0	0.0	4.7	2.8	5.7	1.5	0.2	3.2	59.0	57.6	60.6	0.6	0.0	1.3
2	Region 29	0.1	0.0	0.2	5.3	5.2	5.4	0.3	0.2	0.3	59.7	58.8	60.6	0.0	0.0	0.0
3	Region 30	0.0	0.0	0.0	5.4	5.3	5.7	0.2	0.1	0.3	61.6	60.6	62.2	0.1	0.0	0.4
8	Region 31	0.2	0.0	0.5	5.2	3.6	6.1	0.4	0.0	1.3	60.2	58.5	61.5	0.0	0.0	0.2
6	Region 32	0.1	0.0	0.3	5.7	5.1	6.7	0.5	0.0	1.4	60.2	59.2	61.9	0.0	0.0	0.0
1	Region 33	0.0	-	-	6.9	-	-	0.4	-	-	58.1	-	-	0.0	-	-
2	Region 34	0.0	0.0	0.0	5.2	5.2	5.2	0.2	0.1	0.2	60.4	60.2	60.5	0.0	0.0	0.2
3	Region 36	0.2	0.0	0.5	5.6	4.9	6.2	0.4	0.0	1.1	58.9	57.3	61.0	0.7	0.0	1.3
38	Ave. US No.3	0.1			5.1			0.8			59.5			0.2		
	Min. US No.3	0.0			0.9			0.0			55.6			0.0		
	Max. US No.3	0.5			6.9			4.0			62.2			1.3		
GRADE: US No.4																
1	Region 14	0.0	-	-	8.0	-	-	0.0	-	-	57.9	-	-	0.0	-	-
1	Region 17	0.0	-	-	7.8	-	-	0.7	-	-	57.7	-	-	0.5	-	-
1	Region 24	0.0	-	-	7.6	-	-	0.8	-	-	57.7	-	-	1.1	-	-
3	Region 29	0.0	0.0	0.0	7.8	7.3	8.2	0.6	0.2	0.9	60.1	59.4	60.9	0.0	0.0	0.0
2	Region 32	0.0	0.0	0.0	7.4	7.2	7.6	0.2	0.1	0.3	59.3	58.2	60.3	0.0	0.0	0.0
1	Region 35	0.0	-	-	7.4	-	-	0.2	-	-	58.4	-	-	0.0	-	-
1	Region 36	0.0	-	-	8.0	-	-	3.7	-	-	57.9	-	-	0.0	-	-
10	Ave. US No.4	0.0			7.7			0.8			58.8			0.2		
	Min. US No.4	0.0			7.2			0.0			57.7			0.0		
	Max. US No.4	0.0			8.2			3.7			60.9			1.1		
GRADE: US No.5																
2	Region 18	0.0	0.0	0.0	6.8	2.3	11.3	2.9	0.6	5.2	60.3	59.6	61.0	0.8	0.0	1.6
2	Region 20	0.0	0.0	0.0	11.8	10.2	13.4	0.3	0.2	0.4	56.7	55.4	57.9	0.0	0.0	0.0
2	Region 26	1.2	0.0	2.4	10.4	7.4	13.4	0.7	0.5	0.8	58.9	58.5	59.3	0.0	0.0	0.0
1	Region 28	0.0	-	-	10.7	-	-	0.1	-	-	57.9	-	-	0.2	-	-
2	Region 36	0.0	0.0	0.0	13.5	13.0	14.1	0.1	0.1	0.1	59.6	58.0	61.2	0.3	0.0	0.6
9	Ave. US No.5	0.3			10.6			0.9			58.8			0.3		
	Min. US No.5	0.0			2.3			0.1			55.4			0.0		
	Max. US No.5	2.4			14.1			5.2			61.2			1.6		

TABLE 9: USA GRADING OF YELLOW MAIZE (2017/2018) (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: Sample Grade																
1	Region 12	0.0	-	-	24.3	-	-	0.9	-	-	46.3	-	-	0.0	-	-
1	Region 15	19.4	-	-	20.4	-	-	1.1	-	-	60.7	-	-	0.0	-	-
1	Region 22	0.0	-	-	21.5	-	-	1.3	-	-	57.7	-	-	0.0	-	-
1	Region 24	0.0	-	-	16.1	-	-	3.1	-	-	54.3	-	-	0.0	-	-
1	Region 32	0.0	-	-	5.4	-	-	11.3	-	-	59.7	-	-	0.0	-	-
1	Region 33	0.0	-	-	18.6	-	-	0.9	-	-	59.5	-	-	2.1	-	-
6	Ave. Sample Grade	3.2			17.7			3.1			56.4			0.4		
	Min. Sample Grade	0.0			5.4			0.9			46.3			0.0		
	Max. Sample Grade	19.4			24.3			11.3			60.7			2.1		
CLASS: Mixed corn																
1	Region 33	0.0	-	-	2.0	-	-	0.5	-	-	60.3	-	-	6.3	-	-
1	Ave. Mixed corn	0.0			2.0			0.5			60.3			6.3		
	Min. Mixed corn	-			-			-			-			-		
	Max. Mixed corn	-			-			-			-			-		
449	Ave. yellow maize	0.1			3.3			0.5			60.0			0.1		
	Min. yellow maize	0.0			0.2			0.0			46.3			0.0		
	Max. yellow maize	19.4			24.3			11.3			64.1			6.3		
900	Ave. maize	0.1			3.6			0.6			59.9			0.2		
	Min. maize	0.0			0.2			0.0			46.3			0.0		
	Max. maize	32.7			39.2			17.4			64.1			6.5		