

TABLE 8: USA GRADING OF WHITE MAIZE (2018/19)

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																
4	Region 11	0.0	0.0	0.0	1.2	0.5	1.6	0.3	0.1	1.0	63.4	62.9	63.9	0.1	0.0	0.3
7	Region 12	0.0	0.0	0.0	1.6	0.3	2.7	0.2	0.0	0.5	60.6	59.4	61.5	0.3	0.0	1.2
6	Region 14	0.0	0.0	0.0	2.0	1.0	2.7	0.3	0.0	0.9	60.1	58.9	61.3	0.1	0.0	0.3
1	Region 15	0.0	-	-	2.7	-	-	0.3	-	-	56.5	-	-	0.0	-	-
1	Region 16	0.0	-	-	2.5	-	-	0.0	-	-	59.5	-	-	1.0	-	-
4	Region 17	0.0	0.0	0.0	1.9	1.3	2.7	0.6	0.4	1.0	59.6	58.6	60.6	0.8	0.2	1.3
3	Region 18	0.0	0.0	0.0	2.5	2.2	2.9	0.6	0.3	0.8	59.3	58.1	60.1	0.9	0.5	1.2
4	Region 19	0.0	0.0	0.0	2.2	1.9	2.7	0.8	0.4	1.4	59.7	58.1	60.7	1.0	0.5	1.5
5	Region 20	0.0	0.0	0.0	2.1	1.4	2.8	0.3	0.1	0.7	58.6	57.0	60.0	0.7	0.0	1.9
6	Region 21	0.0	0.0	0.0	2.3	1.6	3.0	0.3	0.1	0.8	60.2	58.4	61.8	0.0	0.0	0.2
1	Region 22	0.0	-	-	2.4	-	-	0.8	-	-	58.6	-	-	0.0	-	-
3	Region 23	0.0	0.0	0.0	2.3	1.9	3.0	1.0	0.5	1.3	58.4	56.5	60.3	0.1	0.0	0.2
2	Region 24	0.0	0.0	0.0	2.2	1.5	3.0	0.3	0.2	0.5	61.2	60.1	62.2	0.1	0.0	0.2
4	Region 26	0.0	0.0	0.0	2.4	2.0	2.8	0.3	0.0	0.8	60.3	59.6	61.8	0.7	0.0	1.0
1	Region 27	0.0	-	-	1.9	-	-	0.7	-	-	57.7	-	-	0.5	-	-
6	Region 28	0.0	0.0	0.0	1.6	1.1	2.2	0.2	0.0	0.5	61.4	60.6	62.3	0.3	0.0	0.8
10	Region 29	0.0	0.0	0.0	1.5	0.4	2.8	0.4	0.1	0.8	60.2	58.1	62.1	0.2	0.0	0.9
10	Region 30	0.0	0.0	0.0	2.3	1.6	3.0	0.6	0.2	2.0	60.2	58.8	61.4	0.5	0.0	1.6
5	Region 31	0.0	0.0	0.0	1.7	0.6	2.7	0.2	0.1	0.4	60.2	57.7	61.9	0.5	0.0	1.6
5	Region 32	0.0	0.0	0.0	1.8	1.4	2.5	0.8	0.1	1.4	59.6	58.3	61.5	0.1	0.0	0.4
8	Region 33	0.0	0.0	0.0	2.5	2.0	2.9	0.2	0.0	0.6	59.7	58.4	60.6	0.4	0.0	1.5
24	Region 34	0.0	0.0	0.0	1.7	0.9	2.8	0.7	0.0	1.7	59.4	56.5	61.6	0.3	0.0	1.6
6	Region 35	0.0	0.0	0.0	1.6	0.2	2.6	0.5	0.0	1.2	60.2	59.3	61.3	0.4	0.0	1.0
5	Region 36	0.0	0.0	0.0	1.9	1.6	2.7	0.1	0.0	0.2	59.6	58.7	60.6	0.0	0.0	0.2
131	Ave. US No.1	0.0			1.9			0.5			59.9			0.4		
	Min. US No.1	0.0			0.2			0.0			56.5			0.0		
	Max. US No.1	0.0			3.0			2.0			63.9			1.9		
GRADE: US No.2																
1	Region 12	0.0	-	-	3.9	-	-	0.3	-	-	59.5	-	-	0.0	-	-
6	Region 13	0.0	0.0	0.0	4.2	3.4	4.9	1.0	0.1	3.0	58.8	55.3	60.7	0.6	0.0	1.0
12	Region 14	0.0	0.0	0.0	3.9	2.4	5.0	0.7	0.1	2.0	58.4	54.6	61.1	0.1	0.0	1.1
1	Region 15	0.0	-	-	3.9	-	-	0.1	-	-	60.2	-	-	0.0	-	-
3	Region 16	0.0	0.0	0.0	3.7	2.7	4.3	1.4	0.2	2.3	57.8	54.5	59.6	0.0	0.0	0.1
4	Region 17	0.0	0.0	0.0	3.1	2.3	3.6	0.8	0.0	2.7	58.9	57.9	60.0	0.7	0.0	1.2
2	Region 18	0.0	0.0	0.0	3.6	3.1	4.1	1.2	1.0	1.3	58.3	57.9	58.7	0.5	0.4	0.6
4	Region 19	0.0	0.0	0.0	3.7	3.2	4.6	0.5	0.3	1.2	59.8	57.2	62.3	0.6	0.0	1.3
5	Region 20	0.0	0.0	0.0	3.7	3.5	4.3	1.1	0.2	2.4	60.2	59.1	61.8	0.5	0.0	1.4
9	Region 21	0.0	0.0	0.2	3.7	2.0	5.0	0.9	0.2	2.2	60.3	58.6	61.5	0.5	0.0	2.0
7	Region 22	0.0	0.0	0.2	4.4	3.9	4.9	0.8	0.2	2.7	58.7	58.2	59.0	0.1	0.0	0.2
4	Region 23	0.0	0.0	0.0	4.3	4.0	4.7	0.4	0.1	0.7	58.1	56.4	60.5	0.5	0.0	1.9
2	Region 24	0.0	0.0	0.0	4.0	4.0	4.1	0.4	0.2	0.5	60.7	60.3	61.0	0.0	0.0	0.0
1	Region 26	0.0	-	-	3.2	-	-	0.6	-	-	64.9	-	-	0.7	-	-
1	Region 27	0.0	-	-	3.1	-	-	0.6	-	-	61.6	-	-	0.0	-	-
2	Region 28	0.0	0.0	0.0	4.0	3.9	4.1	0.2	0.2	0.2	61.6	61.0	62.2	0.4	0.2	0.6
2	Region 29	0.0	0.0	0.0	2.3	1.0	3.6	1.7	0.4	3.0	61.2	60.7	61.7	0.3	0.2	0.4
9	Region 30	0.0	0.0	0.0	3.8	3.1	4.6	0.5	0.0	1.0	59.8	57.2	62.0	0.4	0.0	1.1
1	Region 31	0.0	-	-	4.9	-	-	1.0	-	-	58.7	-	-	0.4	-	-
4	Region 32	0.0	0.0	0.0	4.1	3.1	5.0	0.7	0.1	1.1	59.2	57.5	60.5	0.3	0.0	0.8
8	Region 33	0.0	0.0	0.0	3.6	3.1	4.5	0.2	0.1	0.5	60.2	59.4	62.1	0.1	0.0	1.0

TABLE 8: USA GRADING OF WHITE MAIZE (2018/19) (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.									
6	Region 34	0.0	0.0	0.0	2.7	0.9	4.0	1.0	0.1	2.6	57.5	54.6	60.6	0.5	0.0	1.0
3	Region 35	0.0	0.0	0.0	4.1	3.6	5.0	1.0	0.2	2.5	58.6	55.6	60.1	0.5	0.0	1.4
6	Region 36	0.0	0.0	0.0	4.0	3.1	4.9	0.9	0.0	2.3	60.1	57.9	62.3	0.2	0.0	1.1
103	Ave. US No.2	0.0			3.8			0.8			59.4			0.3		
	Min. US No.2	0.0			0.9			0.0			54.5			0.0		
	Max. US No.2	0.2			5.0			3.0			64.9			2.0		
GRADE: US No.3																
1	Region 12	0.0	-	-	6.1	-	-	0.0	-	-	60.1	-	-	0.0	-	-
4	Region 13	0.2	0.0	0.4	4.5	2.1	6.2	1.0	0.4	1.5	59.0	57.4	60.3	0.9	0.4	1.4
3	Region 14	0.0	0.0	0.0	6.0	5.5	6.7	1.4	0.6	2.2	58.5	57.8	58.9	0.1	0.0	0.2
1	Region 15	0.0	-	-	7.0	-	-	0.2	-	-	58.4	-	-	0.0	-	-
3	Region 17	0.0	0.0	0.0	5.9	5.2	6.3	0.7	0.4	1.1	59.8	59.6	60.0	0.8	0.3	1.3
2	Region 18	0.0	0.0	0.0	3.7	3.1	4.3	3.5	3.2	3.8	59.8	59.1	60.4	0.8	0.0	1.6
1	Region 19	0.0	-	-	6.7	-	-	0.8	-	-	58.6	-	-	0.4	-	-
1	Region 20	0.0	-	-	5.4	-	-	0.3	-	-	60.8	-	-	0.8	-	-
3	Region 21	0.1	0.0	0.4	4.1	3.4	5.1	1.4	0.2	3.3	60.5	58.8	62.5	0.1	0.0	0.3
11	Region 22	0.0	0.0	0.3	6.1	3.8	6.9	1.1	0.0	3.6	58.8	58.0	60.3	0.5	0.0	1.4
9	Region 23	0.0	0.0	0.0	5.9	5.2	7.0	0.8	0.2	2.0	59.5	57.2	61.0	0.2	0.0	1.2
2	Region 24	0.2	0.0	0.4	3.5	1.9	5.2	1.9	0.1	3.8	57.7	56.3	59.0	0.2	0.0	0.5
1	Region 28	0.0	-	-	6.3	-	-	0.1	-	-	61.1	-	-	0.1	-	-
1	Region 29	0.0	-	-	5.1	-	-	2.1	-	-	55.8	-	-	0.0	-	-
1	Region 30	0.0	-	-	5.7	-	-	0.0	-	-	61.2	-	-	0.5	-	-
1	Region 32	0.0	-	-	5.5	-	-	1.6	-	-	59.3	-	-	0.2	-	-
2	Region 33	0.0	0.0	0.0	4.9	3.3	6.5	1.9	0.2	3.6	58.8	58.0	59.6	0.1	0.1	0.1
2	Region 34	0.0	0.0	0.0	6.2	6.1	6.4	0.5	0.5	0.6	59.2	58.9	59.4	0.5	0.4	0.6
7	Region 36	0.0	0.0	0.0	6.0	5.1	7.0	0.3	0.0	0.9	59.6	57.0	61.8	0.3	0.0	1.0
56	Ave. US No.3	0.0			5.6			1.0			59.3			0.4		
	Min. US No.3	0.0			1.9			0.0			55.8			0.0		
	Max. US No.3	0.4			7.0			3.8			62.5			1.6		
GRADE: US No.4																
2	Region 13	0.0	0.0	0.0	6.0	3.1	9.0	2.6	1.0	4.1	57.1	54.7	59.5	0.5	0.0	1.0
4	Region 14	0.0	0.0	0.0	7.5	7.2	8.0	0.8	0.2	1.9	59.2	58.2	60.1	0.0	0.0	0.2
1	Region 16	0.0	-	-	8.3	-	-	3.0	-	-	55.5	-	-	1.8	-	-
1	Region 17	0.0	-	-	7.1	-	-	0.4	-	-	56.8	-	-	0.3	-	-
1	Region 18	0.7	-	-	2.7	-	-	1.1	-	-	58.9	-	-	0.8	-	-
1	Region 21	0.0	-	-	7.3	-	-	4.8	-	-	58.4	-	-	0.0	-	-
6	Region 22	0.1	0.0	0.7	7.8	6.5	8.8	0.9	0.1	2.8	58.5	57.5	60.0	0.5	0.0	1.4
7	Region 23	0.2	0.0	0.9	7.1	1.7	9.3	1.5	0.2	2.4	58.8	56.7	61.0	0.2	0.0	1.1
3	Region 24	0.2	0.0	0.7	7.1	5.3	8.4	1.7	0.0	4.9	57.2	52.0	60.5	0.4	0.0	1.1
2	Region 30	0.0	0.0	0.0	9.4	8.8	10.0	0.2	0.0	0.3	60.9	60.3	61.4	0.1	0.0	0.2
1	Region 31	0.0	-	-	9.4	-	-	0.2	-	-	58.7	-	-	0.0	-	-
1	Region 35	0.0	-	-	7.5	-	-	0.7	-	-	60.5	-	-	0.2	-	-
2	Region 36	0.0	0.0	0.0	7.6	7.5	7.6	0.1	0.0	0.3	59.6	59.3	59.9	0.7	0.4	1.0
32	Ave. US No.4	0.1			7.4			1.2			58.6			0.4		
	Min. US No.4	0.0			1.7			0.0			52.0			0.0		
	Max. US No.4	0.9			10.0			4.9			61.4			1.8		
GRADE: US No.5																
2	Region 13	0.9	0.0	1.7	10.3	9.2	11.3	1.0	0.2	1.7	57.7	57.2	58.2	0.7	0.5	1.0
4	Region 14	0.0	0.0	0.0	11.0	10.1	12.3	0.8	0.1	1.5	56.6	55.0	58.9	0.3	0.0	1.2
2	Region 16	0.0	0.0	0.0	8.3	4.5	12.1	2.8	0.5	5.1	54.8	52.1	57.5	0.0	0.0	0.0
2	Region 22	0.0	0.0	0.0	11.8	10.9	12.7	1.2	1.2	1.3	56.8	56.6	57.0	0.2	0.2	0.3
5	Region 23	0.0	0.0	0.0	13.7	12.7	15.0	1.3	0.3	2.8	58.7	57.2	61.3	0.3	0.0	1.5

TABLE 8: USA GRADING OF WHITE MAIZE (2018/19) (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.									
2	Region 24	0.5	0.0	1.0	10.6	10.3	10.8	1.0	0.5	1.5	57.9	55.8	60.0	0.5	0.0	1.1
1	Region 26	0.0	-	-	11.4	-	-	0.2	-	-	57.9	-	-	0.4	-	-
1	Region 28	0.0	-	-	10.3	-	-	0.0	-	-	61.0	-	-	0.4	-	-
1	Region 31	0.0	-	-	12.9	-	-	0.0	-	-	53.5	-	-	0.3	-	-
1	Region 33	0.0	-	-	11.6	-	-	0.6	-	-	58.8	-	-	1.7	-	-
1	Region 36	0.0	-	-	14.7	-	-	1.9	-	-	57.3	-	-	1.0	-	-
22	Ave. US No.5	0.1			11.6			1.1			57.4			0.4		
	Min. US No.5	0.0			4.5			0.0			52.1			0.0		
	Max.US No.5	1.7			15.0			5.1			61.3			1.7		
GRADE: Sample Grade																
1	Region 12	0.0	-	-	20.8	-	-	1.3	-	-	55.4	-	-	0.0	-	-
1	Region 13	0.0	-	-	26.3	-	-	3.3	-	-	54.9	-	-	13.1	-	-
2	Region 15	0.0	0.0	0.0	27.8	19.3	36.2	0.9	0.4	1.3	56.0	54.6	57.4	0.0	0.0	0.0
4	Region 16	0.0	0.0	0.0	30.6	8.4	83.6	6.1	1.1	9.3	54.0	48.8	58.1	0.5	0.0	1.7
2	Region 17	5.7	0.0	11.5	20.8	16.0	25.7	1.4	1.2	1.6	57.1	54.3	59.8	0.4	0.0	0.8
1	Region 18	36.3	-	-	43.3	-	-	2.3	-	-	57.0	-	-	0.4	-	-
3	Region 19	2.5	0.0	3.8	12.2	9.1	15.4	1.3	0.8	2.3	59.1	58.2	59.7	0.0	0.0	0.0
2	Region 22	0.0	0.0	0.0	44.4	17.7	71.1	1.6	0.4	2.8	54.0	51.8	56.1	0.0	0.0	0.0
13	Region 23	0.1	0.0	0.8	50.5	17.4	90.0	1.3	0.2	7.0	52.8	47.4	58.7	0.0	0.0	0.0
2	Region 24	1.8	0.0	3.6	9.1	6.5	11.6	5.8	0.0	11.5	56.9	54.9	58.9	0.6	0.2	1.1
1	Region 30	0.0	-	-	22.9	-	-	1.7	-	-	57.4	-	-	1.0	-	-
2	Region 33	3.2	0.0	6.4	16.7	14.6	18.7	0.4	0.0	0.8	57.9	56.2	59.5	1.1	0.0	2.2
1	Region 35	93.1	-	-	93.1	-	-	3.8	-	-	59.6	-	-	0.0	-	-
1	Region 36	0.0	-	-	1.6	-	-	11.9	-	-	56.4	-	-	0.2	-	-
36	Ave. Sample Grade	4.4			35.0			2.5			55.1			0.6		
	Min. Sample Grade	0.0			1.6			0.0			47.4			0.0		
	Max. Sample Grade	93.1			93.1			11.9			59.8			13.1		
CLASS: Mixed corn																
2	Region 13	0.0	0.0	0.0	1.7	1.6	1.8	1.8	0.6	3.1	59.4	59.0	59.7	3.3	2.4	4.2
1	Region 14	0.0	-	-	5.3	-	-	1.8	-	-	58.5	-	-	2.3	-	-
2	Region 17	0.1	0.0	0.2	4.4	1.8	7.0	2.0	0.4	3.5	60.1	60.1	60.1	2.9	2.9	2.9
2	Region 18	0.0	0.0	0.0	2.1	0.4	3.8	2.9	1.0	4.8	58.8	58.8	58.8	4.2	3.7	4.6
2	Region 19	0.0	0.0	0.0	2.2	1.8	2.6	0.3	0.2	0.3	60.3	59.7	60.8	2.4	2.1	2.6
2	Region 20	0.1	0.0	0.2	3.6	3.3	3.9	1.2	0.1	2.3	60.3	59.8	60.8	2.8	2.8	2.8
1	Region 21	0.0	-	-	2.7	-	-	0.7	-	-	57.8	-	-	3.0	-	-
2	Region 22	0.0	0.0	0.0	11.1	7.8	14.5	3.5	0.6	6.4	57.2	55.5	58.8	2.4	2.2	2.5
1	Region 26	0.0	-	-	11.6	-	-	1.8	-	-	61.8	-	-	4.0	-	-
4	Region 28	0.1	0.0	0.2	4.9	2.6	7.6	0.1	0.0	0.2	59.9	58.4	61.5	3.5	2.3	4.7
2	Region 29	0.0	0.0	0.0	4.0	3.1	4.8	0.5	0.4	0.7	59.5	59.4	59.6	3.0	2.2	3.7
2	Region 30	0.0	0.0	0.0	6.9	4.3	9.5	0.1	0.1	0.1	60.0	59.6	60.4	3.1	2.3	4.0
1	Region 33	0.0	-	-	3.8	-	-	0.7	-	-	59.1	-	-	2.5	-	-
24	Ave. Mixed corn	0.0			4.8			1.2			59.5			3.1		
	Min. Mixed corn	0.0			0.4			0.0			55.5			2.1		
	Max. Mixed corn	0.2			14.5			6.4			61.8			4.7		
404	Ave. white maize	0.4			7.0			0.9			59.0			0.5		
	Min. white maize	0.0			0.2			0.0			47.4			0.0		
	Max. white maize	93.1			93.1			11.9			64.9			13.1		
808	Ave. maize	0.2			5.4			0.8			59.4			0.4		
	Min. maize	0.0			0.1			0.0			47.4			0.0		
	Max. maize	93.1			93.1			11.9			64.9			13.1		