

TABLE 8: USA GRADING OF WHITE MAIZE (2020/21)

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																
5	Region 12	0.0	0.0	0.0	2.1	1.6	3.0	0.8	0.4	1.1	58.0	57.7	58.5	0.1	0.0	0.4
20	Region 13	0.0	0.0	0.0	2.1	1.2	3.0	0.7	0.1	1.4	57.6	56.7	59.6	0.1	0.0	1.0
21	Region 14	0.0	0.0	0.0	1.9	0.2	3.0	0.7	0.0	1.9	58.9	56.7	60.7	0.0	0.0	0.2
4	Region 16	0.0	0.0	0.0	1.9	1.0	2.6	0.7	0.5	1.4	58.6	58.4	58.9	0.0	0.0	0.0
18	Region 17	0.0	0.0	0.0	2.0	0.9	3.0	0.7	0.1	2.0	58.4	57.3	59.6	0.1	0.0	0.6
19	Region 18	0.0	0.0	0.0	1.6	0.5	3.0	0.6	0.1	1.9	58.1	56.1	60.1	0.1	0.0	0.4
15	Region 19	0.0	0.0	0.0	1.7	0.5	3.0	0.8	0.1	2.0	58.2	57.2	59.9	0.1	0.0	1.0
13	Region 20	0.0	0.0	0.0	1.5	0.7	2.8	0.3	0.2	0.6	58.7	57.7	59.9	0.1	0.0	0.5
26	Region 21	0.0	0.0	0.0	1.7	0.6	2.9	0.6	0.1	1.7	59.2	57.7	60.7	0.0	0.0	0.2
5	Region 22	0.0	0.0	0.0	2.2	1.3	3.0	0.9	0.4	1.5	59.3	57.3	60.8	0.0	0.0	0.0
32	Region 23	0.0	0.0	0.0	1.8	0.3	3.0	0.7	0.1	1.6	59.6	57.2	60.9	0.0	0.0	0.4
7	Region 24	0.0	0.0	0.0	2.0	0.7	3.0	0.7	0.3	1.3	59.2	57.1	60.0	0.1	0.0	0.7
2	Region 25	0.0	0.0	0.0	2.0	1.7	2.2	0.4	0.2	0.7	58.1	56.5	59.6	0.0	0.0	0.0
3	Region 26	0.0	0.0	0.0	1.4	1.0	1.6	0.6	0.0	1.4	59.4	58.6	60.1	0.3	0.1	0.5
3	Region 27	0.0	0.0	0.0	1.5	0.5	2.9	1.0	0.3	2.0	58.9	58.1	59.8	0.3	0.0	0.7
11	Region 28	0.0	0.0	0.0	1.7	0.6	2.9	0.3	0.0	0.5	60.5	59.0	63.0	0.3	0.0	0.8
15	Region 29	0.0	0.0	0.0	1.9	0.8	3.0	0.5	0.0	1.4	59.2	57.9	61.6	0.5	0.0	1.5
10	Region 30	0.0	0.0	0.0	2.5	1.5	3.0	0.4	0.1	1.2	59.6	57.5	60.7	0.6	0.0	1.8
5	Region 31	0.0	0.0	0.0	1.2	0.6	1.6	0.7	0.2	2.0	59.0	57.1	61.1	0.5	0.0	1.8
8	Region 32	0.0	0.0	0.0	1.7	0.7	2.5	0.6	0.2	1.6	59.2	57.2	61.4	0.3	0.0	1.1
23	Region 33	0.0	0.0	0.0	2.0	0.6	3.0	0.3	0.0	2.0	59.6	57.3	61.1	0.5	0.0	1.8
19	Region 34	0.0	0.0	0.0	2.0	0.9	3.0	0.6	0.1	1.7	59.3	56.5	61.3	0.2	0.0	1.2
4	Region 35	0.0	0.0	0.0	0.5	0.1	0.7	0.1	0.0	0.2	60.8	60.2	61.3	0.0	0.0	0.0
7	Region 36	0.0	0.0	0.0	1.8	1.1	2.9	0.5	0.0	1.6	59.7	58.3	61.3	0.1	0.0	0.2
295	Ave. US No.1	0.0			1.8			0.6			59.0			0.2		
	Min. US No.1	0.0			0.1			0.0			56.1			0.0		
	Max. US No.1	0.0			3.0			2.0			63.0			1.8		
GRADE: US No.2																
1	Region 11	0.0	-	-	1.4	-	-	0.6	-	-	54.3	-	-	0.3	-	-
6	Region 12	0.0	0.0	0.0	3.2	1.3	4.5	1.8	1.3	2.7	57.6	55.9	58.7	0.0	0.0	0.0
8	Region 13	0.0	0.0	0.0	3.7	3.2	4.4	1.1	0.1	1.6	57.5	55.5	59.2	0.1	0.0	0.4
12	Region 14	0.0	0.0	0.0	3.9	3.1	5.0	1.3	0.3	2.9	58.6	58.2	59.1	0.0	0.0	0.2
2	Region 16	0.1	0.0	0.2	3.0	2.0	4.0	0.5	0.4	0.6	58.7	58.6	58.7	0.0	0.0	0.0
2	Region 17	0.0	0.0	0.0	2.3	1.1	3.5	1.2	0.3	2.2	57.3	56.1	58.4	0.0	0.0	0.0
4	Region 18	0.0	0.0	0.0	3.5	3.1	4.4	0.7	0.2	2.0	58.5	57.9	59.1	0.5	0.0	0.8
6	Region 19	0.0	0.0	0.0	2.8	0.7	4.8	1.4	0.8	2.3	56.9	55.0	60.5	0.0	0.0	0.2
3	Region 20	0.0	0.0	0.0	4.0	3.3	5.0	0.9	0.6	1.3	58.8	58.6	58.9	0.4	0.0	0.6
1	Region 21	0.0	-	-	1.3	-	-	2.3	-	-	58.2	-	-	0.2	-	-
5	Region 22	0.0	0.0	0.0	3.7	3.3	4.4	1.5	1.1	2.4	58.9	58.2	59.4	0.0	0.0	0.0
6	Region 23	0.0	0.0	0.2	2.9	1.2	4.0	1.1	0.1	2.5	59.8	57.9	60.4	0.0	0.0	0.0
3	Region 24	0.0	0.0	0.0	4.0	3.8	4.4	0.4	0.3	0.5	59.7	59.1	60.7	0.0	0.0	0.0
2	Region 26	0.0	0.0	0.0	4.3	3.6	5.0	0.2	0.1	0.4	58.5	57.2	59.8	0.6	0.0	1.3
1	Region 27	0.0	-	-	1.4	-	-	2.4	-	-	58.8	-	-	0.2	-	-
2	Region 28	0.1	0.0	0.2	3.0	1.1	4.9	0.5	0.4	0.6	60.1	59.1	61.0	0.9	0.4	1.3
11	Region 29	0.0	0.0	0.0	3.9	3.1	4.8	0.5	0.1	1.2	59.2	57.4	60.7	0.2	0.0	0.9
12	Region 30	0.0	0.0	0.0	3.8	3.1	4.6	0.4	0.0	0.8	60.1	59.1	61.3	0.7	0.0	1.7
6	Region 31	0.0	0.0	0.0	3.8	3.1	4.5	0.5	0.1	0.9	60.0	58.9	61.0	0.6	0.0	1.4
9	Region 32	0.0	0.0	0.0	3.8	3.1	4.8	0.8	0.3	1.7	60.1	57.2	61.3	0.9	0.0	1.9
16	Region 33	0.0	0.0	0.0	3.7	3.1	4.9	0.3	0.0	1.3	60.3	58.5	61.8	0.4	0.0	1.5

TABLE 8: USA GRADING OF WHITE MAIZE (2020/21) (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																
8	Region 34	0.0	0.0	0.0	3.6	2.2	4.6	0.7	0.2	1.1	59.6	54.1	61.3	0.2	0.0	0.4
1	Region 35	0.0	-	-	3.8	-	-	0.0	-	-	61.0	-	-	0.0	-	-
135	Ave. US No.2	0.0			3.6			0.8			59.2			0.3		
	Min. US No.2	0.0			0.7			0.0			54.1			0.0		
	Max. US No.2	0.2			5.0			2.9			61.8			1.9		
GRADE: US No.3																
1	Region 11	0.0	-	-	6.1	-	-	1.2	-	-	59.4	-	-	0.0	-	-
2	Region 12	0.0	0.0	0.0	5.2	4.9	5.5	2.9	2.1	3.7	58.0	57.7	58.2	0.0	0.0	0.0
3	Region 14	0.0	0.0	0.0	5.5	5.3	5.6	0.7	0.4	0.8	58.7	58.6	58.9	0.0	0.0	0.0
3	Region 17	0.0	0.0	0.0	5.4	5.1	5.7	1.0	0.9	1.1	58.4	58.2	58.9	0.0	0.0	0.0
1	Region 18	0.0	-	-	1.2	-	-	3.4	-	-	58.5	-	-	0.0	-	-
4	Region 19	0.1	0.0	0.3	3.9	2.5	4.8	2.6	0.7	4.0	56.2	53.2	57.5	0.0	0.0	0.0
2	Region 21	0.0	0.0	0.0	6.0	5.1	7.0	0.5	0.5	0.5	58.4	57.9	58.9	0.0	0.0	0.0
4	Region 23	0.0	0.0	0.0	2.9	1.5	5.2	2.9	1.4	3.6	59.9	59.0	60.5	0.0	0.0	0.0
2	Region 24	0.0	0.0	0.0	3.6	1.0	6.2	2.0	0.6	3.4	57.3	54.9	59.6	0.0	0.0	0.0
1	Region 27	0.0	-	-	0.4	-	-	3.5	-	-	59.1	-	-	0.3	-	-
5	Region 30	0.0	0.0	0.2	4.7	0.0	6.6	2.0	0.4	3.8	59.8	58.6	60.9	0.5	0.0	1.8
5	Region 31	0.0	0.0	0.0	6.2	5.6	6.9	0.8	0.5	1.1	60.4	59.6	61.4	0.7	0.0	1.5
5	Region 32	0.0	0.0	0.0	6.1	5.1	7.0	0.6	0.4	0.8	60.3	58.2	62.1	0.3	0.0	0.9
8	Region 33	0.0	0.0	0.2	5.7	5.1	6.5	0.7	0.1	1.7	59.4	56.9	61.6	0.4	0.0	1.0
3	Region 34	0.0	0.0	0.0	4.4	1.5	6.2	0.5	0.0	1.1	57.3	53.4	60.4	0.1	0.0	0.2
8	Region 36	0.1	0.0	0.4	5.7	4.0	6.8	0.4	0.1	0.6	60.5	59.8	61.1	0.2	0.0	0.5
57	Ave. US No.3	0.0			5.0			1.3			59.2			0.2		
	Min. US No.3	0.0			0.0			0.0			53.2			0.0		
	Max. US No.3	0.4			7.0			4.0			62.1			1.8		
GRADE: US No.4																
1	Region 13	0.0	-	-	8.6	-	-	1.7	-	-	56.3	-	-	0.0	-	-
4	Region 14	0.3	0.0	1.0	7.2	4.7	8.4	0.8	0.6	1.1	59.3	57.7	60.1	0.0	0.0	0.0
2	Region 19	0.0	0.0	0.0	2.7	2.5	2.9	4.6	4.4	4.8	56.6	55.5	57.7	0.4	0.0	0.8
1	Region 20	0.0	-	-	9.9	-	-	0.4	-	-	58.4	-	-	1.5	-	-
2	Region 21	0.0	0.0	0.0	0.6	0.0	1.1	4.4	4.4	4.5	57.0	56.5	57.5	0.3	0.0	0.6
1	Region 23	0.0	-	-	8.9	-	-	0.7	-	-	60.2	-	-	0.0	-	-
1	Region 24	0.8	-	-	3.9	-	-	0.8	-	-	59.6	-	-	0.0	-	-
1	Region 25	0.0	-	-	2.6	-	-	4.9	-	-	59.1	-	-	1.0	-	-
1	Region 30	0.0	-	-	7.6	-	-	2.0	-	-	59.8	-	-	0.0	-	-
2	Region 32	0.0	0.0	0.0	8.1	8.0	8.2	0.7	0.4	1.0	60.7	60.3	61.1	0.9	0.4	1.4
2	Region 33	0.0	0.0	0.0	8.5	7.5	9.5	0.6	0.4	0.7	58.4	57.7	59.0	0.3	0.0	0.7
1	Region 35	0.0	-	-	8.2	-	-	0.9	-	-	59.6	-	-	0.0	-	-
19	Ave. US No.4	0.1			6.2			1.9			58.7			0.3		
	Min. US No.4	0.0			0.0			0.4			55.5			0.0		
	Max. US No.4	1.0			9.9			4.9			61.1			1.5		
GRADE: US No.5																
1	Region 12	0.0	-	-	4.2	-	-	5.2	-	-	57.7	-	-	0.0	-	-
1	Region 16	0.0	-	-	12.1	-	-	1.2	-	-	59.7	-	-	0.2	-	-
3	Region 17	0.0	0.0	0.0	12.4	11.0	14.4	0.5	0.1	0.7	58.0	56.3	60.3	0.0	0.0	0.0
3	Region 18	0.6	0.0	1.7	6.1	1.9	12.6	4.0	0.9	6.4	58.4	57.4	59.4	0.3	0.0	0.5
1	Region 19	0.0	-	-	13.1	-	-	1.1	-	-	56.6	-	-	0.9	-	-
1	Region 21	0.0	-	-	1.2	-	-	5.5	-	-	57.4	-	-	0.0	-	-
2	Region 22	1.4	1.3	1.5	7.7	7.1	8.3	4.2	3.2	5.2	57.9	56.4	59.5	0.7	0.0	1.4

TABLE 8: USA GRADING OF WHITE MAIZE (2020/21) (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	23	0.0	-	-	10.9	-	-	1.9	-	-	58.3	-	-	0.0	-	-
1	29	0.0	-	-	12.6	-	-	0.0	-	-	59.5	-	-	0.0	-	-
1	32	0.0	-	-	10.2	-	-	0.5	-	-	59.1	-	-	1.4	-	-
1	35	1.1	-	-	3.8	-	-	0.1	-	-	59.9	-	-	0.2	-	-
1	36	1.4	-	-	5.6	-	-	0.7	-	-	60.2	-	-	0.4	-	-
17	Ave. US No.5	0.4			8.5			2.2			58.4			0.3		
	Min. US No.5	0.0			1.2			0.0			56.3			0.0		
	Max. US no.5	1.7			14.4			6.4			60.3			1.4		
GRADE: Sample Grade																
3	17	0.6	0.0	1.8	17.2	15.2	20.8	0.7	0.1	1.8	56.5	53.8	58.0	0.0	0.0	0.1
1	19	0.0	-	-	6.4	-	-	7.4	-	-	57.9	-	-	0.0	-	-
4	21	0.0	0.0	0.0	1.8	0.7	2.3	7.8	1.3	11.8	57.7	56.9	59.8	0.0	0.0	0.0
1	22	0.0	-	-	11.2	-	-	14.0	-	-	55.6	-	-	0.6	-	-
3	23	1.5	0.0	4.4	13.1	4.8	19.4	3.1	0.4	7.7	59.2	59.0	59.4	0.1	0.0	0.2
2	26	0.0	0.0	0.0	4.2	0.4	8.0	14.1	9.6	18.6	57.9	57.4	58.4	0.8	0.4	1.3
1	31	0.0	-	-	55.4	-	-	1.8	-	-	56.0	-	-	0.6	-	-
1	32	0.0	-	-	1.5	-	-	2.6	-	-	59.7	-	-	0.0	-	-
3	36	0.7	0.0	1.1	4.9	3.0	6.3	0.9	0.1	2.3	58.8	58.2	59.7	0.7	0.1	1.8
19	Ave. Sample Grade	0.4			10.3			5.2			57.9			0.3		
	Min. Sample Grade	0.0			0.4			0.1			53.8			0.0		
	Max. Sample Grade	4.4			55.4			18.6			59.8			1.8		
GRADE: Mixed Corn																
1	16	0.0	-	-	1.0	-	-	0.8	-	-	59.5	-	-	4.0	-	-
2	18	0.0	0.0	0.0	1.0	0.6	1.4	0.6	0.4	0.7	56.6	56.2	57.0	2.3	2.2	2.4
1	26	0.0	-	-	1.1	-	-	0.2	-	-	59.0	-	-	5.7	-	-
6	30	0.0	0.0	0.0	4.0	2.1	5.3	0.7	0.3	1.6	59.6	57.0	62.2	4.3	2.5	6.7
3	31	0.0	0.0	0.0	4.6	2.0	9.0	0.5	0.3	0.6	58.1	57.3	58.8	5.1	2.5	7.9
5	33	0.0	0.0	0.0	3.0	1.8	4.5	1.4	0.3	2.3	58.0	55.8	58.9	5.6	2.3	12.8
18	Ave. Mixed Corn	0.0			3.2			0.8			58.5			4.6		
	Min. Mixed Corn	0.0			0.6			0.2			55.8			2.2		
	Max. Mixed Corn	0.0			9.0			2.3			62.2			12.8		
560	Ave. WM	0.0			3.3			1.0			59.0			0.4		
	Min. WM	0.0			0.0			0.0			53.2			0.0		
	Max. WM	4.4			55.4			18.6			63.0			12.8		
1000	Ave. Maize	0.0			2.8			0.9			59.2			0.3		
	Min. Maize	0.0			0.0			0.0			53.2			0.0		
	Max. Maize	4.4			55.4			20.2			64.1			12.8		

*The following white maize samples were downgraded to Sample Grade due to the number of poisonous seeds exceeding the maximum allowance

Region	Cockleburrs (<i>Xanthium</i> spp.) exceeding 8 seeds
21	24 <i>Xanthium Strumarium</i>
32	10 <i>Xanthium Strumarium</i>
36	24 <i>Xanthium Strumarium</i>
36	12 <i>Xanthium Strumarium</i>
36	12 <i>Xanthium Strumarium</i>