

TABLE 8: USA GRADING OF WHITE MAIZE (2022/23)

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 11	0.0	-	-	2.7	-	-	0.8	-	-	61.0	-	-	0.2	-	-
7	Region 12	0.0	0.0	0.0	1.6	0.8	2.9	0.2	0.0	0.6	59.8	58.4	60.8	0.1	0.0	0.2
13	Region 13	0.0	0.0	0.0	2.0	0.8	3.0	0.6	0.2	1.2	59.0	56.6	60.3	0.1	0.0	0.6
33	Region 14	0.0	0.0	0.0	1.8	0.5	2.9	0.7	0.1	1.7	59.4	56.8	61.6	0.0	0.0	0.4
1	Region 15	0.0	-	-	1.7	-	-	0.9	-	-	58.4	-	-	0.0	-	-
2	Region 16	0.0	0.0	0.0	2.2	1.9	2.5	0.4	0.1	0.6	60.6	60.3	60.9	0.0	0.0	0.0
23	Region 17	0.0	0.0	0.0	1.7	0.7	2.8	0.7	0.2	1.6	58.9	57.1	60.4	0.0	0.0	0.4
15	Region 18	0.0	0.0	0.0	1.6	0.8	2.7	1.0	0.1	2.0	59.2	57.7	61.1	0.2	0.0	1.0
25	Region 19	0.0	0.0	0.1	1.3	0.4	2.6	0.8	0.2	2.0	58.6	56.2	62.0	0.3	0.0	1.8
12	Region 20	0.0	0.0	0.0	1.9	0.8	2.9	0.5	0.1	0.8	60.0	58.9	61.1	0.2	0.0	0.5
11	Region 21	0.0	0.0	0.0	1.8	0.9	2.5	0.9	0.2	2.0	59.2	56.6	61.4	0.0	0.0	0.4
4	Region 22	0.0	0.0	0.0	2.4	2.0	3.0	0.3	0.1	0.8	59.1	58.4	60.5	0.0	0.0	0.0
15	Region 23	0.0	0.0	0.0	1.8	0.7	2.9	0.6	0.2	1.4	60.0	57.7	60.9	0.0	0.0	0.2
23	Region 24	0.0	0.0	0.0	2.0	0.6	2.9	0.7	0.2	1.8	59.3	57.5	61.0	0.1	0.0	0.5
3	Region 25	0.0	0.0	0.0	2.3	1.8	2.9	0.6	0.4	0.9	58.8	58.4	59.4	0.1	0.0	0.3
6	Region 26	0.0	0.0	0.0	1.7	1.0	2.6	0.6	0.1	2.0	59.5	57.6	60.7	0.3	0.0	1.0
4	Region 27	0.0	0.0	0.0	1.2	0.9	1.8	0.9	0.6	1.2	59.1	57.7	60.2	0.1	0.0	0.4
7	Region 28	0.0	0.0	0.0	1.9	0.0	3.0	0.2	0.0	0.5	59.9	58.5	61.1	0.2	0.0	0.7
14	Region 29	0.0	0.0	0.0	1.7	0.1	2.9	0.3	0.0	1.0	60.0	58.9	61.1	0.3	0.0	1.3
8	Region 30	0.0	0.0	0.0	2.5	1.8	3.0	0.4	0.0	1.5	60.5	57.3	62.9	0.5	0.0	1.5
4	Region 31	0.0	0.0	0.0	1.9	1.5	2.4	0.4	0.2	0.6	60.7	60.3	61.0	0.1	0.0	0.3
7	Region 32	0.0	0.0	0.0	2.2	0.8	2.9	0.9	0.3	1.3	59.3	56.4	60.3	0.5	0.0	1.5
19	Region 33	0.0	0.0	0.0	2.3	1.1	3.0	0.4	0.0	1.0	59.9	56.4	62.6	0.5	0.0	1.8
19	Region 34	0.0	0.0	0.0	1.8	0.2	2.9	0.6	0.1	1.3	58.9	56.8	61.3	0.2	0.0	1.7
6	Region 35	0.0	0.0	0.0	2.1	1.6	2.8	0.6	0.0	1.6	60.8	59.8	62.2	0.0	0.0	0.3
8	Region 36	0.0	0.0	0.0	2.0	0.5	3.0	0.3	0.0	0.8	59.8	57.7	61.9	0.2	0.0	0.5
290	Ave. US No.1	0.0			1.8			0.6			59.4			0.2		
	Min. US No.1	0.0			0.0			0.0			56.2			0.0		
	Max. US No.1	0.1			3.0			2.0			62.9			1.8		
GRADE: US No.2																
3	Region 12	0.1	0.0	0.2	2.9	0.9	4.8	0.1	0.1	0.1	59.5	58.6	60.4	0.1	0.0	0.4
8	Region 13	0.0	0.0	0.2	3.7	3.2	4.8	0.8	0.4	1.9	57.8	56.2	59.9	0.1	0.0	0.3
10	Region 14	0.0	0.0	0.0	3.7	1.3	4.2	0.6	0.1	1.1	58.9	55.8	59.8	0.0	0.0	0.2
2	Region 15	0.0	0.0	0.0	4.4	4.0	4.9	0.5	0.3	0.6	59.2	59.1	59.3	0.0	0.0	0.0
2	Region 16	0.0	0.0	0.0	3.5	3.5	3.6	0.7	0.1	1.4	58.9	58.1	59.7	0.0	0.0	0.0
10	Region 17	0.0	0.0	0.0	3.6	2.0	4.7	1.1	0.2	2.4	58.3	57.1	59.4	0.0	0.0	0.2
2	Region 18	0.0	0.0	0.0	2.4	1.7	3.2	2.1	1.1	3.0	59.1	58.7	59.4	0.1	0.0	0.2
4	Region 19	0.0	0.0	0.0	2.5	1.3	3.4	1.8	0.3	2.8	56.9	54.6	60.0	0.0	0.0	0.0
6	Region 20	0.0	0.0	0.0	4.1	3.3	4.8	0.5	0.2	1.0	59.7	58.4	60.7	0.2	0.0	0.6
6	Region 21	0.0	0.0	0.0	3.1	0.6	4.3	1.4	0.1	2.5	58.4	56.7	59.7	0.4	0.0	1.9
1	Region 22	0.0	-	-	3.5	-	-	0.9	-	-	57.7	-	-	0.0	-	-
10	Region 23	0.0	0.0	0.0	4.2	3.2	5.0	1.1	0.4	2.1	59.5	58.6	60.6	0.0	0.0	0.3
9	Region 24	0.0	0.0	0.0	4.0	3.4	4.9	1.1	0.1	1.9	58.6	57.5	61.0	0.1	0.0	0.5
1	Region 25	0.0	-	-	3.8	-	-	1.9	-	-	56.2	-	-	0.8	-	-
2	Region 26	0.0	0.0	0.0	2.9	2.4	3.4	1.8	0.7	3.0	57.6	56.1	59.1	1.0	0.2	1.8
1	Region 27	0.0	-	-	1.5	-	-	2.3	-	-	59.8	-	-	0.8	-	-
3	Region 28	0.0	0.0	0.0	3.6	3.5	3.7	0.3	0.1	0.6	61.3	60.6	61.7	0.2	0.1	0.3
3	Region 29	0.0	0.0	0.0	2.9	1.6	3.9	0.5	0.2	0.6	59.3	55.5	61.8	0.7	0.4	0.9
9	Region 30	0.0	0.0	0.0	3.8	1.4	4.9	0.5	0.0	2.1	60.0	58.5	62.2	0.6	0.0	1.8
7	Region 31	0.0	0.0	0.2	3.6	2.1	4.7	0.4	0.1	1.0	60.6	59.8	62.0	0.4	0.0	1.1

TABLE 8: USA GRADING OF WHITE MAIZE (2022/23) (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																
4	Region 32	0.0	0.0	0.0	3.7	3.2	4.5	0.4	0.0	0.9	59.2	57.4	60.7	0.4	0.0	1.0
11	Region 33	0.0	0.0	0.2	3.2	0.4	4.2	0.8	0.2	2.3	59.2	55.7	60.6	0.4	0.0	1.1
8	Region 34	0.0	0.0	0.0	3.0	0.3	4.5	0.9	0.2	2.3	59.8	55.9	61.6	0.5	0.0	1.8
1	Region 35	0.0	0.0	0.0	3.4	3.4	3.4	1.7	1.7	1.7	59.4	59.4	59.4	0.0	0.0	0.0
2	Region 36	0.1	0.0	0.2	4.0	3.1	4.9	0.5	0.3	0.7	60.3	60.2	60.3	0.4	0.2	0.7
125	Ave. US No.2	0.0			3.5			0.9			59.1			0.3		
	Min. US No.2	0.0			0.3			0.0			54.6			0.0		
	Max. US No.2	0.2			5.0			3.0			62.2			1.9		
GRADE: US No.3																
5	Region 12	0.1	0.0	0.3	5.0	2.0	7.0	0.5	0.1	1.2	58.2	57.7	59.0	0.0	0.0	0.0
4	Region 13	0.0	0.0	0.0	4.4	2.9	6.0	2.2	0.4	3.8	58.4	56.9	59.6	0.1	0.0	0.3
2	Region 14	0.0	0.0	0.0	3.6	1.6	5.5	2.2	0.4	4.0	58.9	58.2	59.6	0.0	0.0	0.0
1	Region 16	0.0	-	-	5.9	-	-	1.2	-	-	58.4	-	-	0.0	-	-
1	Region 17	0.0	-	-	5.6	-	-	0.9	-	-	59.1	-	-	0.0	-	-
3	Region 20	0.3	0.0	0.5	3.6	1.9	5.0	1.3	0.2	3.1	59.4	58.0	60.4	0.2	0.0	0.5
7	Region 21	0.0	0.0	0.3	3.4	1.7	6.0	2.7	0.6	4.0	57.5	53.7	60.8	0.1	0.0	0.7
1	Region 22	0.0	-	-	6.8	-	-	1.9	-	-	59.8	-	-	0.0	-	-
2	Region 23	0.0	0.0	0.0	5.5	5.3	5.6	0.5	0.3	0.7	59.4	58.7	60.0	0.0	0.0	0.0
3	Region 24	0.0	0.0	0.0	5.6	5.2	6.2	0.5	0.4	0.7	59.2	58.2	59.8	0.1	0.0	0.2
1	Region 29	0.0	-	-	6.2	-	-	0.1	-	-	61.6	-	-	0.0	-	-
6	Region 30	0.0	0.0	0.0	5.7	5.1	6.7	0.9	0.0	4.0	60.4	58.9	61.6	0.3	0.0	1.3
1	Region 31	0.0	-	-	6.4	-	-	0.3	-	-	60.1	-	-	2.0	-	-
4	Region 33	0.0	0.0	0.0	5.8	5.1	6.4	0.7	0.1	2.1	59.4	57.8	60.5	0.5	0.0	1.3
2	Region 34	0.0	0.0	0.0	5.9	5.2	6.7	1.2	0.3	2.1	59.5	56.3	62.7	0.5	0.4	0.6
1	Region 35	0.3	-	-	2.2	-	-	0.9	-	-	56.8	-	-	0.3	-	-
1	Region 36	0.0	-	-	6.1	-	-	0.1	-	-	57.7	-	-	0.0	-	-
45	Ave. US No.3	0.0			4.9			1.3			58.9			0.2		
	Min. US No.3	0.0			1.6			0.0			53.7			0.0		
	Max. US No.3	0.5			7.0			4.0			62.7			2.0		
GRADE: US No.4																
1	Region 15	0.0	-	-	9.6	-	-	0.3	-	-	59.5	-	-	0.0	-	-
1	Region 16	0.0	-	-	8.0	-	-	0.2	-	-	61.4	-	-	0.0	-	-
1	Region 19	0.0	-	-	1.6	-	-	4.7	-	-	58.4	-	-	0.0	-	-
3	Region 21	0.0	0.0	0.0	8.2	7.5	8.7	2.1	0.9	3.6	57.6	57.4	57.9	0.0	0.0	0.0
2	Region 23	0.1	0.0	0.2	7.8	7.4	8.2	0.4	0.3	0.5	59.6	59.1	60.0	0.0	0.0	0.0
1	Region 24	0.0	-	-	9.4	-	-	2.1	-	-	56.8	-	-	0.0	-	-
1	Region 26	0.0	-	-	3.4	-	-	4.1	-	-	56.6	-	-	0.0	-	-
1	Region 28	0.7	-	-	3.7	-	-	0.5	-	-	58.9	-	-	0.7	-	-
1	Region 29	0.0	-	-	9.7	-	-	0.1	-	-	59.8	-	-	2.0	-	-
4	Region 30	0.0	0.0	0.0	7.9	7.2	9.2	0.3	0.1	0.6	59.7	58.6	60.5	0.3	0.0	0.9
5	Region 33	0.5	0.0	1.0	5.5	4.0	7.5	0.4	0.2	0.5	60.5	59.8	61.5	0.4	0.0	1.0
2	Region 34	0.0	0.0	0.0	5.6	1.8	9.4	2.5	0.5	4.4	58.1	57.4	58.8	0.7	0.0	1.4
1	Region 35	0.0	-	-	2.0	-	-	4.5	-	-	57.6	-	-	0.0	-	-
1	Region 36	0.0	-	-	7.3	-	-	0.2	-	-	60.8	-	-	0.5	-	-
25	Ave. US No.4	0.1			6.6			1.3			59.2			0.3		
	Min. US No.4	0.0			1.6			0.1			56.6			0.0		
	Max. US No.4	1.0			9.7			4.7			61.5			2.0		

TABLE 8: USA GRADING OF WHITE MAIZE (2022/23) (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 12	0.0	-	-	11.6	-	-	0.1	-	-	59.1	-	-	0.3	-	-
1	Region 13	0.0	-	-	2.1	-	-	5.6	-	-	59.5	-	-	0.0	-	-
2	Region 14	0.0	0.0	0.0	12.3	11.9	12.6	2.0	0.3	3.6	58.3	57.4	59.1	0.0	0.0	0.0
2	Region 16	0.0	0.0	0.0	10.5	10.3	10.7	0.5	0.2	0.8	59.3	58.7	59.9	0.0	0.0	0.0
1	Region 18	0.0	-	-	12.6	-	-	0.2	-	-	56.3	-	-	0.3	-	-
3	Region 21	0.8	0.0	2.3	8.6	3.0	12.6	3.3	0.8	5.7	57.8	56.9	58.8	0.2	0.0	0.7
1	Region 29	0.0	-	-	10.8	-	-	0.5	-	-	60.1	-	-	0.4	-	-
5	Region 30	0.0	0.0	0.2	11.8	10.8	13.6	0.1	0.0	0.5	59.7	58.6	61.0	0.1	0.0	0.5
1	Region 35	2.5	-	-	5.6	-	-	0.2	-	-	59.7	-	-	0.0	-	-
1	Region 36	0.5	-	-	13.2	-	-	0.9	-	-	56.7	-	-	0.8	-	-
18	Ave. US No.5	0.3			10.3			1.3			58.8			0.2		
	Min. US No.5	0.0			2.1			0.0			56.3			0.0		
	Max. US no.5	2.5			13.6			5.7			61.0			0.8		
GRADE: Sample Grade																
3	Region 12	1.7	0.0	5.2	15.5	12.3	18.9	0.1	0.0	0.1	58.0	57.4	58.4	0.0	0.0	0.1
1	Region 13	0.0	-	-	18.7	-	-	0.4	-	-	56.8	-	-	0.0	-	-
1	Region 19	0.0	-	-	16.1	-	-	1.8	-	-	56.9	-	-	0.2	-	-
2	Region 20	3.1	0.9	5.4	16.2	13.5	18.9	1.2	0.4	2.0	57.3	57.0	57.5	2.2	0.0	4.3
2	Region 21	3.3	0.0	6.5	11.8	3.1	20.6	1.5	0.9	2.1	57.7	55.6	59.8	0.3	0.2	0.3
2	Region 22	23.0	0.0	46.1	36.3	20.1	52.6	1.9	1.5	2.3	59.3	58.5	60.0	0.0	0.0	0.0
1	Region 24	0.0	-	-	17.9	-	-	2.1	-	-	59.4	-	-	0.0	-	-
1	Region 33	0.0	-	-	7.1	-	-	0.4	-	-	59.3	-	-	0.0	-	-
1	Region 36	0.0	-	-	30.4	-	-	0.4	-	-	56.9	-	-	0.5	-	-
14	Ave. Sample Grade	4.6			19.0			1.0			58.0			0.4		
	Min. Sample Grade	0.0			3.1			0.0			55.6			0.0		
	Max. Sample Grade	46.1			52.6			2.3			60.0			4.3		
GRADE: Mixed Corn																
1	Region 18	0.0	-	-	2.4	-	-	0.8	-	-	58.3	-	-	4.2	-	-
1	Region 32	0.0	-	-	2.4	-	-	0.8	-	-	60.1	-	-	2.3	-	-
1	Region 33	0.0	-	-	2.9	-	-	0.8	-	-	60.1	-	-	4.6	-	-
3	Ave. Mixed Corn	0.0			2.5			0.8			59.5			3.7		
	Min. Mixed Corn	0.0			2.4			0.8			58.3			2.3		
	Max. Mixed Corn	0.0			2.9			0.8			60.1			4.6		
520	Ave. WM	0.1			3.5			0.8			59.2			0.2		
	Min. WM	0.0			0.0			0.0			53.7			0.0		
	Max. WM	46.1			52.6			5.7			62.9			4.6		
1000	Ave. Maize	0.1			3.2			0.8			59.3			0.2		
	Min. Maize	0.0			0.0			0.0			53.7			0.0		
	Max. Maize	46.1			52.6			8.8			63.9			4.6		

TABLE 8: USA GRADING OF WHITE MAIZE (2022/23) (continue)

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

Region	Cockleburs (<i>Xanthium</i> spp.) exceeding 8 seeds
20	12 <i>Xanthium Strumarium</i>
21	10 <i>Xanthium Strumarium</i>
33	12 <i>Xanthium Strumarium</i>