

TABLE 11: USA GRADING OF YELLOW MAIZE (2023/24)

Number of samples	Region	Damaged kernels						%			Bushel weight (lbs)			%		
		%			%											
		Heat damaged			Total damaged			Broken corn and foreign material			Other colour					
ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.		
GRADE: US No.1																
4	Region 06	0.0	0.0	0.0	1.3	0.4	1.9	0.7	0.4	1.1	59.1	58.8	59.4	0.0	0.0	0.0
9	Region 08	0.0	0.0	0.0	1.5	0.4	2.9	0.6	0.3	1.5	59.4	56.7	61.8	0.0	0.0	0.4
15	Region 10	0.0	0.0	0.0	0.7	0.0	2.9	0.6	0.0	1.2	61.3	59.3	62.9	0.0	0.0	0.0
11	Region 11	0.0	0.0	0.0	0.9	0.3	1.9	0.7	0.2	1.6	60.7	58.9	61.8	0.0	0.0	0.0
1	Region 12	0.0	-	-	1.4	-	-	0.4	-	-	59.4	-	-	0.0	-	-
1	Region 13	0.0	-	-	2.5	-	-	0.6	-	-	58.2	-	-	0.0	-	-
5	Region 14	0.0	0.0	0.0	1.1	0.3	2.0	0.7	0.2	2.0	60.2	57.9	62.1	0.1	0.0	0.4
1	Region 15	0.0	-	-	2.0	-	-	0.9	-	-	58.9	-	-	0.4	-	-
2	Region 17	0.0	0.0	0.0	0.7	0.5	1.0	0.3	0.3	0.3	61.2	60.6	61.7	0.0	0.0	0.0
3	Region 18	0.0	0.0	0.0	1.4	0.4	2.7	0.6	0.0	1.1	58.8	57.0	59.9	0.1	0.0	0.2
6	Region 19	0.0	0.0	0.0	1.0	0.2	2.2	0.9	0.5	1.4	59.1	57.8	61.8	0.6	0.0	3.1
5	Region 20	0.0	0.0	0.0	1.7	0.6	2.7	0.6	0.4	0.8	58.4	57.4	59.2	0.3	0.0	0.7
2	Region 21	0.0	0.0	0.0	0.7	0.7	0.8	0.6	0.4	0.8	59.3	58.9	59.7	0.1	0.0	0.2
2	Region 22	0.0	0.0	0.0	1.4	1.0	1.8	0.8	0.1	1.6	58.8	57.4	60.1	0.0	0.0	0.0
12	Region 24	0.0	0.0	0.0	0.6	0.0	1.5	0.8	0.0	1.4	59.2	57.0	61.0	0.1	0.0	0.3
7	Region 25	0.0	0.0	0.0	0.7	0.0	1.6	0.5	0.2	0.8	57.8	57.2	58.5	0.0	0.0	0.0
9	Region 26	0.0	0.0	0.0	1.4	0.3	2.9	0.6	0.1	1.9	57.3	56.0	59.1	0.1	0.0	0.6
5	Region 27	0.0	0.0	0.0	1.5	0.4	2.7	0.8	0.3	1.4	59.1	58.2	59.6	0.0	0.0	0.0
31	Region 28	0.0	0.0	0.1	1.4	0.3	3.0	0.4	0.0	1.8	58.7	56.1	62.5	0.0	0.0	0.5
34	Region 29	0.0	0.0	0.0	1.4	0.1	2.7	0.7	0.2	1.8	59.3	56.0	63.1	0.0	0.0	0.2
9	Region 30	0.0	0.0	0.0	2.0	0.4	3.0	0.5	0.2	1.1	60.0	57.3	63.2	0.0	0.0	0.0
41	Region 31	0.0	0.0	0.0	1.7	0.3	3.0	0.5	0.0	1.4	59.2	57.2	60.9	0.0	0.0	0.2
25	Region 32	0.0	0.0	0.0	1.8	0.1	3.0	0.8	0.1	1.9	59.0	56.4	60.3	0.0	0.0	0.2
14	Region 33	0.0	0.0	0.0	1.6	0.3	3.0	0.4	0.0	1.3	59.9	57.7	60.8	0.2	0.0	1.8
17	Region 34	0.0	0.0	0.0	1.7	0.5	2.9	0.8	0.3	1.4	59.1	56.9	61.2	0.1	0.0	0.6
5	Region 35	0.0	0.0	0.0	0.9	0.4	1.6	0.5	0.0	2.0	59.1	57.9	60.3	0.2	0.0	0.9
11	Region 36	0.0	0.0	0.0	2.3	0.9	3.0	0.3	0.0	0.8	59.1	57.3	61.5	0.6	0.0	1.7
287	Ave. US No.1	0.0			1.4			0.6			59.3			0.1		
	Min. US No.1	0.0			0.0			0.0			56.0			0.0		
	Max. US No.1	0.1			3.0			2.0			63.2			3.1		
GRADE: US No. 2																
2	Region 08	0.0	0.0	0.0	2.1	0.4	3.8	0.6	0.3	0.9	56.4	54.4	58.3	0.1	0.1	0.1
1	Region 10	0.0	-	-	3.8	-	-	0.7	-	-	62.9	-	-	0.0	-	-
1	Region 11	0.0	-	-	4.5	-	-	1.1	-	-	60.2	-	-	0.0	-	-
1	Region 13	0.0	-	-	3.5	-	-	1.0	-	-	59.4	-	-	0.3	-	-
2	Region 14	0.0	0.0	0.0	0.9	0.2	1.5	2.5	2.5	2.6	59.1	57.7	60.4	0.3	0.0	0.5
3	Region 17	0.0	0.0	0.0	3.0	1.4	4.0	1.3	0.6	2.2	57.8	57.2	58.8	0.2	0.0	0.7
4	Region 18	0.0	0.0	0.0	2.5	0.3	4.8	1.8	1.5	2.1	56.2	55.5	57.7	0.3	0.0	1.0
5	Region 19	0.0	0.0	0.0	2.9	0.4	4.7	1.8	0.1	2.6	58.1	56.9	59.8	1.0	0.0	3.9
1	Region 20	0.2	-	-	1.9	-	-	1.4	-	-	61.8	-	-	0.0	-	-
3	Region 21	0.0	0.0	0.0	1.9	0.3	3.2	2.0	1.3	2.4	57.3	55.7	58.3	0.2	0.0	0.6
1	Region 22	0.0	-	-	0.5	-	-	1.0	-	-	55.8	-	-	0.0	-	-
2	Region 24	0.0	0.0	0.0	2.5	1.6	3.4	1.4	1.1	1.6	57.5	55.7	59.2	0.0	0.0	0.0
4	Region 25	0.0	0.0	0.0	0.4	0.1	0.6	1.3	0.1	2.6	55.7	54.8	56.7	0.0	0.0	0.0
5	Region 26	0.0	0.0	0.0	2.8	1.1	4.1	1.2	0.0	2.4	57.8	55.0	60.0	0.7	0.0	2.8
9	Region 28	0.0	0.0	0.0	3.7	3.1	4.8	0.3	0.0	1.0	58.8	55.5	62.7	0.0	0.0	0.0
5	Region 29	0.0	0.0	0.0	1.9	0.0	4.0	0.7	0.1	1.4	57.0	54.8	60.9	0.0	0.0	0.0
19	Region 30	0.0	0.0	0.0	3.3	0.3	4.8	1.0	0.2	2.7	57.7	54.2	62.5	0.1	0.0	0.9
13	Region 31	0.0	0.0	0.0	3.1	0.2	4.3	0.7	0.0	1.5	58.2	54.8	59.8	0.0	0.0	0.1

TABLE 11: USA GRADING OF YELLOW MAIZE (2023/24) (continue)

Number of samples	Region	Damaged kernels						%			Bushel weight (lbs)			% Other colour		
		% Heat damaged			% Total damaged			Broken corn and foreign material								
		ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.
GRADE: US No. 2																
15	Region 32	0.0	0.0	0.0	3.5	1.2	4.7	0.6	0.1	2.3	58.6	54.9	60.8	0.0	0.0	0.2
9	Region 33	0.0	0.0	0.0	3.1	1.2	4.5	1.1	0.2	2.4	59.0	55.8	60.6	0.3	0.0	1.2
5	Region 34	0.0	0.0	0.0	3.9	3.1	4.7	0.8	0.2	2.3	58.9	54.8	60.1	0.3	0.0	0.4
1	Region 35	0.0	-	-	3.3	-	-	0.8	-	-	58.7	-	-	0.0	-	-
10	Region 36	0.0	0.0	0.2	3.0	1.0	4.8	1.1	0.1	3.0	59.0	56.2	60.3	0.4	0.0	1.8
121	Ave. US No.2	0.0			3.0			1.0			58.2			0.2		
	Min. US No.2	0.0			0.0			0.0			54.2			0.0		
	Max. US No.2	0.2			4.8			3.0			62.9			3.9		
GRADE: US No. 3																
2	Region 08	0.0	0.0	0.0	2.3	1.0	3.5	1.0	0.7	1.4	52.9	52.9	52.9	0.0	0.0	0.0
1	Region 12	0.0	-	-	5.2	-	-	0.0	-	-	61.0	-	-	0.3	-	-
3	Region 15	0.0	0.0	0.0	6.1	5.5	6.8	0.4	0.2	0.6	60.7	60.1	61.6	0.6	0.0	1.9
2	Region 19	0.0	0.0	0.0	4.4	2.5	6.2	3.3	3.1	3.4	58.0	56.8	59.1	0.0	0.0	0.0
1	Region 28	0.0	-	-	2.0	-	-	0.5	-	-	53.1	-	-	0.0	-	-
1	Region 29	0.0	-	-	4.1	-	-	3.7	-	-	61.7	-	-	0.0	-	-
4	Region 30	0.0	0.0	0.0	4.0	1.2	7.0	0.6	0.2	1.5	55.9	52.2	60.3	0.1	0.0	0.5
3	Region 31	0.0	0.0	0.0	6.1	5.8	6.7	0.5	0.2	0.9	59.1	57.0	61.3	0.0	0.0	0.0
6	Region 32	0.0	0.0	0.0	4.6	1.3	6.1	1.3	0.3	3.2	58.6	53.8	61.4	0.2	0.0	0.7
5	Region 33	0.0	0.0	0.0	5.1	2.2	6.2	0.8	0.1	2.4	58.4	53.6	60.7	0.9	0.0	2.6
1	Region 34	0.0	-	-	0.2	-	-	0.3	-	-	53.8	-	-	0.0	-	-
29	Ave. US No.3	0.0			4.5			1.0			57.9			0.3		
	Min. US No.3	0.0			0.2			0.0			52.2			0.0		
	Max. US No.3	0.0			7.0			3.7			61.7			2.6		
GRADE: US No. 4																
1	Region 06	0.0	0.0	0.0	8.8	8.8	8.8	0.7	0.7	0.7	58.6	58.6	58.6	0.0	0.0	0.0
1	Region 08	0.0	0.0	0.0	2.6	2.6	2.6	0.4	0.4	0.4	51.9	51.9	51.9	0.0	0.0	0.0
3	Region 15	0.0	0.0	0.0	8.7	7.1	9.9	0.9	0.7	1.2	60.8	60.7	60.9	0.3	0.0	0.6
1	Region 25	0.0	0.0	0.0	0.3	0.3	0.3	4.3	4.3	4.3	55.8	55.8	55.8	0.0	0.0	0.0
1	Region 28	0.0	0.0	0.0	7.7	7.7	7.7	0.1	0.1	0.1	57.4	57.4	57.4	0.1	0.1	0.1
6	Region 30	0.0	0.0	0.0	6.9	1.3	9.5	1.2	0.4	2.5	57.7	51.9	60.6	0.8	0.0	2.6
1	Region 31	0.0	0.0	0.0	7.4	7.4	7.4	0.7	0.7	0.7	59.6	59.6	59.6	0.0	0.0	0.0
1	Region 32	0.0	0.0	0.0	7.3	7.3	7.3	0.8	0.8	0.8	57.8	57.8	57.8	0.0	0.0	0.0
1	Region 33	0.0	0.0	0.0	9.5	9.5	9.5	0.7	0.7	0.7	58.4	58.4	58.4	0.2	0.2	0.2
1	Region 36	0.0	0.0	0.0	8.0	8.0	8.0	0.1	0.1	0.1	62.5	62.5	62.5	0.0	0.0	0.0
17	Ave. US No.4	0.0			7.0			1.0			58.3			0.3		
	Min. US No.4	0.0			0.3			0.1			51.9			0.0		
	Max. US No.4	0.0			9.9			4.3			62.5			2.6		
GRADE: US No. 5																
1	Region 14	0.0	-	-	0.2	-	-	5.3	-	-	56.6	-	-	0.0	-	-
1	Region 17	0.0	-	-	13.6	-	-	0.2	-	-	60.3	-	-	1.9	-	-
1	Region 30	0.0	-	-	11.8	-	-	2.2	-	-	58.2	-	-	0.0	-	-
1	Region 34	0.0	-	-	1.4	-	-	5.2	-	-	53.4	-	-	0.0	-	-
1	Region 35	0.0	-	-	5.7	-	-	5.6	-	-	58.6	-	-	0.0	-	-
5	Ave. US No.5	0.0			6.6			3.7			57.4			0.4		
	Min. US No.5	0.0			0.2			0.2			53.4			0.0		
	Max. US No.5	0.0			13.6			5.6			60.3			1.9		

TABLE 11: USA GRADING OF YELLOW MAIZE (2023/24) (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.
GRADE: Sample Grade																			
1	Region 18	0.0	-	-	5.7	-	-	2.5	-	-	59.0	-	-	0.0	-	-			
1	Region 19	0.0	-	-	2.0	-	-	8.1	-	-	54.9	-	-	0.2	-	-			
1	Region 21	0.0	-	-	5.7	-	-	9.8	-	-	58.0	-	-	0.8	-	-			
1	Region 26	0.0	-	-	21.1	-	-	0.1	-	-	55.8	-	-	0.0	-	-			
2	Region 28	0.0	0.0	0.0	0.8	0.6	1.0	1.1	1.0	1.1	54.5	53.2	55.7	0.0	0.0	0.0			
1	Region 29	0.0	-	-	1.7	-	-	0.7	-	-	59.6	-	-	0.0	-	-			
4	Region 30	0.2	0.0	0.6	10.0	1.3	20.2	0.8	0.3	1.3	57.9	57.0	58.6	0.0	0.0	0.0			
7	Region 31	0.0	0.0	0.0	3.4	0.6	6.9	0.7	0.1	1.3	59.0	57.4	60.6	0.1	0.0	0.4			
2	Region 32	0.0	0.0	0.0	3.8	1.6	5.9	1.7	1.0	2.5	59.1	58.4	59.8	0.0	0.0	0.0			
2	Region 34	0.0	0.0	0.0	1.3	1.1	1.6	1.8	0.2	3.5	55.9	55.5	56.2	0.0	0.0	0.0			
1	Region 36	0.0	-	-	3.2	-	-	0.2	-	-	59.1	-	-	0.0	-	-			
23 Ave.Sample Grade		0.0			5.0			1.7			57.8			0.1					
Min.Sample Grade		0.0			0.6			0.1			53.2			0.0					
Max.Sample Grade		0.6			21.1			9.8			60.6			0.8					
482	Ave. YM	0.0			2.4			0.8			58.8			0.1					
	Min. YM	0.0			0.0			0.0			51.9			0.0					
	Max. YM	0.6			21.1			9.8			63.2			3.9					
1000	Ave. Maize	0.0			2.6			0.9			59.0			0.2					
	Min. Maize	0.0			0.0			0.0			51.9			0.0					
	Max. Maize	14.1			24.0			17.2			63.3			12.1					

TABLE 11: USA GRADING OF YELLOW MAIZE (2023/24) (continue)

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

Region	Cocklebur (<i>Xanthium</i> spp.) exceeding 8 seeds
18	12 <i>Xanthium Strumarium</i>
28	12 <i>Xanthium Strumarium</i>
28	11 <i>Xanthium Strumarium</i>
29	12 <i>Xanthium Strumarium</i>
30	12 <i>Xanthium Strumarium</i>
30	57 <i>Xanthium Strumarium</i>
30	12 <i>Xanthium Strumarium</i>
31	12 <i>Xanthium Strumarium</i>
31	12 <i>Xanthium Strumarium</i>
31	12 <i>Xanthium Strumarium</i>
31	12 <i>Xanthium Strumarium</i>
31	11 <i>Xanthium Strumarium</i>
31	12 <i>Xanthium Strumarium</i>
31	12 <i>Xanthium Strumarium</i>
32	12 <i>Xanthium Strumarium</i>
32	12 <i>Xanthium Strumarium</i>
34	13 <i>Xanthium Strumarium</i>
34	12 <i>Xanthium Strumarium</i>
36	11 <i>Xanthium Strumarium</i>