

TABLE 9: USA GRADING OF YELLOW 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																
2	Region 06	0.0	0.0	0.0	0.6	0.4	0.8	0.7	0.4	1.1	59.7	59.1	60.2	0.0	0.0	0.0
5	Region 08	0.0	0.0	0.0	1.0	0.5	1.5	1.4	0.9	2.0	58.4	57.4	59.1	0.0	0.0	0.0
18	Region 10	0.0	0.0	0.0	1.3	0.5	2.5	0.6	0.1	1.6	61.1	58.9	63.9	0.0	0.0	0.0
24	Region 11	0.0	0.0	0.0	0.8	0.1	2.9	0.5	0.0	1.9	61.1	59.7	62.2	0.0	0.0	0.3
3	Region 12	0.0	0.0	0.0	1.8	0.6	2.4	0.3	0.1	0.6	58.4	57.8	59.0	0.2	0.0	0.6
2	Region 13	0.0	0.0	0.0	2.3	2.1	2.5	0.9	0.4	1.4	59.1	58.8	59.4	0.0	0.0	0.0
5	Region 14	0.0	0.0	0.0	1.5	0.2	2.0	0.7	0.1	1.4	60.1	59.2	61.5	0.1	0.0	0.5
3	Region 16	0.0	0.0	0.0	1.4	0.7	2.5	1.0	0.2	1.6	59.1	57.9	60.6	0.0	0.0	0.1
4	Region 17	0.0	0.0	0.0	1.4	0.8	2.3	0.6	0.5	0.7	59.3	58.5	60.6	0.3	0.0	0.6
4	Region 18	0.0	0.0	0.0	1.1	1.0	1.3	0.5	0.0	1.3	60.9	59.4	62.5	0.1	0.0	0.3
7	Region 19	0.0	0.0	0.0	1.3	0.7	2.1	1.3	0.7	1.7	59.9	58.7	61.2	0.1	0.0	0.3
5	Region 20	0.0	0.0	0.0	1.7	0.7	2.3	0.6	0.4	0.9	58.9	57.5	59.6	0.1	0.0	0.3
9	Region 21	0.0	0.0	0.0	1.2	0.3	2.5	0.7	0.2	1.8	58.7	57.1	60.5	0.3	0.0	0.9
2	Region 23	0.0	0.0	0.0	1.4	0.3	2.5	0.2	0.2	0.2	58.5	57.2	59.7	0.1	0.0	0.2
10	Region 24	0.0	0.0	0.0	0.9	0.2	1.8	1.3	0.1	2.0	58.2	56.4	59.8	0.1	0.0	0.2
14	Region 25	0.0	0.0	0.0	1.3	0.3	2.3	0.7	0.3	1.5	57.8	56.1	59.1	0.0	0.0	0.0
13	Region 26	0.0	0.0	0.0	1.4	0.2	2.9	0.9	0.1	2.0	58.5	57.0	59.6	0.0	0.0	0.2
12	Region 27	0.0	0.0	0.0	1.6	0.5	2.9	0.7	0.2	2.0	58.6	56.0	60.6	0.4	0.0	4.1
33	Region 28	0.0	0.0	0.0	1.5	0.1	3.0	0.3	0.0	1.3	59.2	56.6	60.6	0.0	0.0	0.5
27	Region 29	0.0	0.0	0.0	1.6	0.3	2.8	0.6	0.2	1.8	60.2	56.2	62.6	0.0	0.0	0.1
17	Region 30	0.0	0.0	0.0	1.9	0.5	3.0	0.3	0.0	1.0	59.8	57.0	63.4	0.0	0.0	0.1
12	Region 31	0.0	0.0	0.0	2.2	1.3	2.9	0.6	0.1	1.0	59.6	56.0	61.4	0.0	0.0	0.0
18	Region 32	0.0	0.0	0.0	2.0	0.8	2.8	0.6	0.1	1.7	59.9	58.8	62.7	0.0	0.0	0.2
10	Region 33	0.0	0.0	0.0	1.8	0.7	3.0	0.3	0.0	0.8	59.6	57.3	62.4	0.3	0.0	2.2
18	Region 34	0.0	0.0	0.0	1.8	0.6	2.9	0.6	0.0	1.3	59.4	57.7	61.9	0.1	0.0	1.2
4	Region 35	0.0	0.0	0.0	0.9	0.6	1.4	0.3	0.0	0.6	59.9	58.6	60.5	0.0	0.0	0.1
16	Region 36	0.0	0.0	0.0	2.1	1.1	3.0	0.4	0.0	1.7	58.9	56.5	61.3	0.3	0.0	4.2
297	Ave. US No.1	0.0			1.5			0.6			59.5			0.1		
	Min. US No.1	0.0			0.1			0.0			56.0			0.0		
	Max. US No.1	0.0			3.0			2.0			63.9			4.2		
GRADE: US No.2																
1	Region 06	0.0	-	-	3.7	-	-	0.0	-	-	59.6	-	-	0.0	-	-
2	Region 10	0.1	0.0	0.2	2.4	0.5	4.3	0.2	0.2	0.2	62.5	62.2	62.7	0.0	0.0	0.0
1	Region 11	0.0	-	-	4.1	-	-	1.3	-	-	60.2	-	-	0.0	-	-
1	Region 12	0.0	-	-	3.5	-	-	0.8	-	-	58.1	-	-	0.0	-	-
2	Region 13	0.0	0.0	0.0	3.2	3.1	3.2	1.5	1.2	1.9	55.7	55.5	55.8	0.6	0.0	1.1
1	Region 16	0.0	-	-	3.4	-	-	0.2	-	-	61.2	-	-	0.2	-	-
2	Region 20	0.0	0.0	0.0	3.3	3.2	3.5	0.2	0.1	0.3	60.6	60.1	61.0	0.1	0.0	0.2
1	Region 23	0.0	-	-	3.9	-	-	0.4	-	-	60.5	-	-	0.0	-	-
4	Region 24	0.0	0.0	0.0	2.3	0.7	4.2	2.3	1.7	2.7	58.0	57.0	59.7	0.1	0.0	0.4
5	Region 25	0.0	0.0	0.2	2.3	0.5	4.7	1.6	0.4	2.6	57.2	55.3	59.2	0.1	0.0	0.6
2	Region 26	0.1	0.0	0.2	3.1	2.5	3.7	0.3	0.2	0.5	59.5	59.4	59.6	0.0	0.0	0.0
1	Region 27	0.0	-	-	4.3	-	-	0.6	-	-	58.1	-	-	0.0	-	-
7	Region 28	0.0	0.0	0.0	3.5	0.4	4.9	0.2	0.0	0.4	59.2	55.8	62.0	0.1	0.0	0.4
9	Region 29	0.0	0.0	0.0	3.1	0.8	4.5	0.9	0.2	2.1	60.3	55.3	62.2	0.0	0.0	0.2
16	Region 30	0.0	0.0	0.0	4.0	3.3	4.9	0.6	0.0	2.5	59.6	57.5	61.7	0.0	0.0	0.3
15	Region 31	0.0	0.0	0.0	4.1	3.2	5.0	0.6	0.1	1.2	59.7	56.6	60.9	0.1	0.0	0.4
9	Region 32	0.0	0.0	0.0	3.6	1.6	4.9	0.6	0.1	1.5	59.1	55.8	61.2	0.0	0.0	0.1
9	Region 33	0.0	0.0	0.0	3.1	1.2	4.1	1.1	0.2	3.0	60.1	59.2	62.2	0.0	0.0	0.3

TABLE 9: USA GRADING OF YELLOW 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																
3	Region 34	0.0	0.0	0.0	2.6	0.2	4.1	1.3	0.4	2.8	58.9	54.5	61.5	0.0	0.0	0.0
1	Region 35	0.0	-	-	0.8	-	-	2.2	-	-	57.4	-	-	0.0	-	-
13	Region 36	0.0	0.0	0.2	3.8	3.1	4.6	0.3	0.0	1.1	58.4	55.8	61.1	0.2	0.0	1.9
105	Ave. US No.2	0.0			3.5			0.7			59.3			0.1		
	Min. US No.2	0.0			0.2			0.0			54.5			0.0		
	Max. US No.2	0.2			5.0			3.0			62.7			1.9		
GRADE: US No.3																
1	Region 17	0.0	-	-	6.5	-	-	1.2	-	-	57.3	-	-	0.4	-	-
1	Region 18	0.0	-	-	2.2	-	-	3.3	-	-	58.5	-	-	0.5	-	-
1	Region 21	0.0	-	-	5.0	-	-	4.0	-	-	58.5	-	-	2.6	-	-
2	Region 24	0.0	0.0	0.0	3.6	1.2	6.0	2.4	1.7	3.2	57.6	57.0	58.2	0.1	0.0	0.2
2	Region 26	0.0	0.0	0.0	2.9	0.2	5.5	2.0	0.7	3.4	57.9	57.5	58.2	0.5	0.0	1.0
1	Region 27	0.0	-	-	5.8	-	-	0.2	-	-	57.2	-	-	0.0	-	-
4	Region 28	0.0	0.0	0.0	5.9	5.1	6.7	1.0	0.1	2.6	58.3	56.9	59.6	0.0	0.0	0.0
2	Region 29	0.0	0.0	0.0	5.5	5.4	5.5	0.2	0.2	0.2	59.9	59.5	60.3	0.0	0.0	0.0
2	Region 30	0.0	0.0	0.0	5.9	5.6	6.2	0.6	0.2	0.9	59.6	58.4	60.8	1.3	0.0	2.7
3	Region 31	0.0	0.0	0.0	5.6	5.1	5.9	0.1	0.0	0.2	60.5	59.0	61.8	0.2	0.0	0.5
1	Region 32	0.0	-	-	5.1	-	-	0.3	-	-	60.3	-	-	0.0	-	-
4	Region 33	0.0	0.0	0.0	4.7	0.5	6.6	1.2	0.3	3.3	59.6	59.1	60.3	0.0	0.0	0.2
1	Region 35	0.0	-	-	1.3	-	-	3.3	-	-	59.6	-	-	0.0	-	-
1	Region 36	0.0	-	-	5.7	-	-	0.2	-	-	58.2	-	-	0.8	-	-
26	Ave. US No.3	0.0			4.9			1.2			58.9			0.3		
	Min. US No.3	0.0			0.2			0.0			56.9			0.0		
	Max. US No.3	0.0			6.7			4.0			61.8			2.7		
GRADE: US No.4																
1	Region 10	0.0	-	-	8.7	-	-	0.2	-	-	59.2	-	-	0.0	-	-
2	Region 16	0.0	0.0	0.0	8.4	8.2	8.7	0.5	0.4	0.7	59.2	58.9	59.4	0.0	0.0	0.0
1	Region 25	0.8	-	-	3.1	-	-	2.6	-	-	57.0	-	-	0.0	-	-
3	Region 26	0.3	0.0	0.8	5.0	0.6	9.3	1.9	0.6	4.1	58.7	57.9	59.7	0.0	0.0	0.0
2	Region 27	0.0	0.0	0.0	4.6	1.1	8.1	2.9	1.3	4.5	57.2	55.4	58.9	0.1	0.0	0.3
2	Region 28	0.0	0.0	0.0	7.8	7.5	8.0	0.6	0.4	0.8	59.7	59.1	60.3	0.1	0.0	0.2
1	Region 29	0.0	-	-	8.0	-	-	0.1	-	-	59.7	-	-	0.0	-	-
5	Region 30	0.0	0.0	0.0	8.1	7.3	9.2	0.2	0.1	0.4	60.3	59.6	60.8	0.1	0.0	0.6
3	Region 31	0.0	0.0	0.0	8.1	7.4	9.2	0.6	0.1	0.9	58.7	58.2	59.3	0.0	0.0	0.0
1	Region 32	0.0	-	-	8.2	-	-	0.2	-	-	58.8	-	-	0.0	-	-
2	Region 33	0.0	0.0	0.0	7.5	7.4	7.5	0.6	0.5	0.6	59.7	59.5	59.8	0.2	0.0	0.4
1	Region 34	0.0	-	-	8.6	-	-	0.7	-	-	57.0	-	-	0.5	-	-
24	Ave. US No.4	0.1			7.2			0.9			59.0			0.1		
	Min. US No.4	0.0			0.6			0.1			55.4			0.0		
	Max. US No.4	0.8			9.3			4.5			60.8			0.6		
GRADE: US No.5																
1	Region 10	0.0	-	-	10.6	-	-	0.0	-	-	58.9	-	-	0.0	-	-
2	Region 26	0.0	0.0	0.0	11.7	11.0	12.3	0.2	0.1	0.3	60.3	60.2	60.4	0.3	0.0	0.6
2	Region 27	0.0	0.0	0.0	2.4	0.5	4.2	6.3	6.1	6.5	60.6	59.6	61.6	0.5	0.0	1.1
1	Region 28	0.0	-	-	12.5	-	-	0.4	-	-	57.9	-	-	0.0	-	-
1	Region 29	0.0	-	-	11.4	-	-	1.0	-	-	58.8	-	-	1.1	-	-
2	Region 30	0.0	0.0	0.0	14.0	13.5	14.4	0.4	0.2	0.7	59.7	59.1	60.2	0.0	0.0	0.0
1	Region 31	0.0	-	-	11.1	-	-	0.4	-	-	59.4	-	-	0.0	-	-

TABLE 9: USA GRADING OF YELLOW 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 34	0.0	-	-	12.6	-	-	1.4	-	-	56.2	-	-	1.7	-	-
1	Region 35	1.3	-	-	4.6	-	-	0.3	-	-	58.4	-	-	0.0	-	-
12	Ave. US No.5	0.1			9.9			1.4			59.2			0.4		
	Min. US No.5	0.0			0.5			0.0			56.2			0.0		
	Max. US No.5	1.3			14.4			6.5			61.6			1.7		
GRADE: Sample Grade																
1	Region 08	0.0	-	-	19.8	-	-	1.2	-	-	55.4	-	-	0.0	-	-
1	Region 18	0.0	-	-	1.9	-	-	4.1	-	-	58.5	-	-	0.2	-	-
1	Region 21	0.0	-	-	2.3	-	-	8.8	-	-	57.6	-	-	1.2	-	-
1	Region 25	0.0	-	-	2.7	-	-	7.9	-	-	53.7	-	-	0.0	-	-
1	Region 26	0.0	-	-	7.1	-	-	3.4	-	-	54.0	-	-	0.0	-	-
1	Region 28	0.3	-	-	16.1	-	-	0.4	-	-	56.4	-	-	0.0	-	-
1	Region 29	0.0	-	-	6.2	-	-	0.6	-	-	58.7	-	-	0.0	-	-
3	Region 30	0.0	0.0	0.0	16.2	14.0	19.5	0.1	0.0	0.2	58.8	57.0	60.1	0.0	0.0	0.0
2	Region 31	0.0	0.0	0.0	3.5	1.8	5.3	0.8	0.7	1.0	60.0	59.7	60.3	0.0	0.0	0.0
2	Region 32	0.0	0.0	0.0	9.2	2.2	16.3	0.7	0.4	1.0	57.2	56.7	57.7	0.0	0.0	0.0
1	Region 33	0.0	-	-	29.7	-	-	0.2	-	-	57.5	-	-	0.0	-	-
1	Region 34	0.0	-	-	0.9	-	-	0.6	-	-	59.6	-	-	0.0	-	-
16	Ave. Sample Grade	0.0			10.1			1.9			57.6			0.1		
	Min. Sample Grade	0.0			0.9			0.0			53.7			0.0		
	Max. Sample Grade	0.3			29.7			8.8			60.3			1.2		
480	Ave. YM	0.0			2.9			0.7			59.3			0.1		
	Min. YM	0.0			0.1			0.0			53.7			0.0		
	Max. YM	1.3			29.7			8.8			63.9			4.2		
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 9: USA GRADING OF YELLOW MAIZE (2022/23) (continue)	
*The following yellow 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
18	12 <i>Xanthium Strumarium</i>
26	12 <i>Xanthium Strumarium</i>
29	24 <i>Xanthium Strumarium</i>
30	12 <i>Xanthium Strumerium</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	12 <i>Xanthium Strumarium</i>