

TABLE 9: USA GRADING OF YELLOW 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																
23	Region 10	0.0	0.0	0.0	1.0	0.3	2.6	0.4	0.0	1.3	61.3	58.6	64.1	0.0	0.0	0.2
13	Region 11	0.0	0.0	0.0	1.4	0.2	2.7	0.3	0.0	0.6	61.4	59.4	62.2	0.0	0.0	0.2
1	Region 12	0.0	-	-	0.4	-	-	0.0	-	-	59.5	-	-	0.2	-	-
5	Region 13	0.0	0.0	0.0	1.7	0.4	2.8	0.5	0.2	1.0	59.7	57.9	60.9	0.2	0.0	0.8
6	Region 14	0.0	0.0	0.0	0.9	0.0	2.2	0.6	0.1	1.6	59.8	58.2	61.4	0.1	0.0	0.4
1	Region 16	0.0	-	-	1.1	-	-	0.7	-	-	59.6	-	-	0.0	-	-
4	Region 17	0.0	0.0	0.0	1.6	0.9	2.4	0.7	0.1	1.6	60.0	58.8	62.0	0.1	0.0	0.1
7	Region 18	0.0	0.0	0.0	1.8	0.3	2.6	0.5	0.2	0.9	58.9	56.0	60.3	0.3	0.0	1.5
7	Region 19	0.0	0.0	0.0	1.6	0.3	2.7	0.7	0.4	1.2	58.5	57.0	61.3	0.1	0.0	0.2
3	Region 20	0.0	0.0	0.0	1.5	0.9	2.4	0.4	0.2	0.7	60.1	59.3	61.0	0.0	0.0	0.0
5	Region 21	0.0	0.0	0.0	1.4	0.4	2.2	1.2	0.6	1.9	58.9	57.4	60.6	0.1	0.0	0.6
1	Region 22	0.0	-	-	2.1	-	-	0.9	-	-	60.6	-	-	0.0	-	-
4	Region 23	0.0	0.0	0.0	0.9	0.6	1.3	0.5	0.4	0.7	59.5	58.6	60.4	0.2	0.0	0.5
4	Region 24	0.0	0.0	0.0	1.5	0.7	2.3	0.8	0.3	1.9	60.0	58.5	60.8	0.0	0.0	0.0
18	Region 25	0.0	0.0	0.0	1.6	0.7	2.8	0.5	0.0	1.5	58.5	57.8	59.5	0.0	0.0	0.3
12	Region 26	0.0	0.0	0.0	1.5	0.1	2.9	0.7	0.1	1.7	58.5	56.1	60.0	0.0	0.0	0.1
5	Region 27	0.0	0.0	0.0	0.9	0.5	1.4	1.0	0.5	1.5	58.5	57.9	59.6	0.0	0.0	0.0
32	Region 28	0.0	0.0	0.0	1.4	0.3	3.0	0.6	0.0	2.0	58.8	56.0	61.2	0.0	0.0	0.3
31	Region 29	0.0	0.0	0.0	1.6	0.4	3.0	0.6	0.0	1.9	59.7	57.7	61.7	0.1	0.0	0.7
27	Region 30	0.0	0.0	0.0	2.0	0.7	3.0	0.5	0.0	1.4	59.4	57.7	61.0	0.0	0.0	0.6
30	Region 31	0.0	0.0	0.0	1.7	0.4	2.8	0.5	0.1	1.2	60.2	57.7	62.2	0.0	0.0	0.5
30	Region 32	0.0	0.0	0.0	2.1	0.8	2.9	0.5	0.1	1.8	60.1	57.1	62.4	0.1	0.0	4.1
16	Region 33	0.0	0.0	0.0	1.6	0.6	2.8	0.4	0.0	1.5	59.3	57.6	61.9	0.1	0.0	0.3
17	Region 34	0.0	0.0	0.0	1.6	0.1	3.0	0.6	0.1	1.8	59.7	57.6	61.3	0.0	0.0	0.2
6	Region 35	0.0	0.0	0.0	1.6	1.1	2.2	0.2	0.0	0.5	60.0	57.2	62.1	0.0	0.0	0.0
13	Region 36	0.0	0.0	0.0	1.9	0.5	2.7	0.3	0.0	0.6	59.5	58.3	61.8	0.2	0.0	0.9
321	Ave. US No.1	0.0			1.6			0.5			59.7			0.1		
	Min. US No.1	0.0			0.0			0.0			56.0			0.0		
	Max. US No.1	0.0			3.0			2.0			64.1			4.1		
GRADE: US No.2																
4	Region 10	0.0	0.0	0.0	3.0	2.1	3.5	1.0	0.3	2.2	59.9	57.3	61.5	0.0	0.0	0.0
1	Region 11	0.0	-	-	1.0	-	-	0.9	-	-	55.6	-	-	0.0	-	-
1	Region 13	0.0	-	-	3.6	-	-	0.2	-	-	60.6	-	-	0.0	-	-
1	Region 14	0.0	-	-	3.5	-	-	0.4	-	-	60.3	-	-	0.2	-	-
1	Region 18	0.0	-	-	1.7	-	-	2.6	-	-	58.4	-	-	0.0	-	-
1	Region 19	0.0	-	-	3.0	-	-	2.3	-	-	55.3	-	-	0.3	-	-
3	Region 20	0.0	0.0	0.0	3.5	3.2	3.7	0.3	0.3	0.4	60.1	59.1	61.5	0.0	0.0	0.0
1	Region 21	0.0	-	-	4.6	-	-	0.1	-	-	59.1	-	-	0.7	-	-
4	Region 22	0.0	0.0	0.0	3.6	1.4	5.0	0.8	0.1	2.5	60.1	58.9	60.8	0.0	0.0	0.0
1	Region 24	0.0	-	-	1.8	-	-	1.3	-	-	55.8	-	-	0.0	-	-
3	Region 25	0.0	0.0	0.0	3.4	3.3	3.6	1.7	1.1	2.1	57.4	57.2	57.7	0.2	0.0	0.7
4	Region 26	0.0	0.0	0.0	3.9	3.4	4.3	0.1	0.0	0.1	58.1	56.5	60.0	1.4	0.3	2.8
3	Region 27	0.0	0.0	0.0	0.5	0.4	0.7	2.0	0.5	2.9	57.1	55.5	58.6	0.0	0.0	0.0
1	Region 28	0.0	-	-	3.2	-	-	0.3	-	-	58.4	-	-	0.0	-	-
13	Region 30	0.0	0.0	0.0	3.4	1.1	4.9	0.5	0.2	1.1	58.8	55.6	60.5	0.0	0.0	0.5
9	Region 31	0.0	0.0	0.0	4.0	3.1	4.6	0.4	0.1	0.9	60.7	59.2	61.6	0.0	0.0	0.2
8	Region 32	0.0	0.0	0.0	3.5	2.5	4.7	1.1	0.3	2.7	59.3	57.6	60.6	0.0	0.0	0.0
7	Region 33	0.0	0.0	0.0	3.7	3.1	4.6	0.4	0.1	1.1	59.2	58.6	60.0	0.0	0.0	0.2

TABLE 9: USA GRADING OF YELLOW 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																	
5	Region 34	0.0	0.0	0.0	3.2	1.2	4.6	1.2	0.4	2.3	58.3	55.1	61.8	0.2	0.0	0.6	
5	Region 36	0.0	0.0	0.0	3.6	3.1	4.4	0.4	0.0	1.0	59.0	58.4	59.3	0.1	0.0	0.4	
76	Ave. US No.2	0.0			3.4			0.8			59.0			0.1			
	Min. US No.2	0.0			0.4			0.0			55.1			0.0			
	Max. US No.2	0.0			5.0			2.9			61.8			2.8			
GRADE: US No.3																	
1	Region 11	0.0	-	-	6.2	-	-	0.9	-	-	60.4	-	-	0.0	-	-	
1	Region 19	0.0	-	-	1.0	-	-	3.9	-	-	58.2	-	-	1.6	-	-	
2	Region 22	0.0	0.0	0.0	3.7	1.4	6.0	1.7	0.1	3.2	59.7	58.9	60.5	0.1	0.0	0.1	
2	Region 25	0.1	0.0	0.2	5.3	5.2	5.3	2.3	2.2	2.4	57.3	57.2	57.4	0.1	0.0	0.3	
1	Region 27	0.0	-	-	0.4	-	-	3.2	-	-	58.4	-	-	0.0	-	-	
3	Region 30	0.0	0.0	0.0	4.6	2.8	5.7	1.9	0.3	3.6	60.1	59.3	60.7	0.1	0.0	0.4	
1	Region 31	0.0	-	-	6.3	-	-	1.1	-	-	62.3	-	-	0.0	-	-	
1	Region 32	0.0	-	-	6.6	-	-	0.3	-	-	60.1	-	-	0.0	-	-	
2	Region 33	0.0	0.0	0.0	5.5	5.4	5.6	0.2	0.1	0.3	57.7	56.5	58.9	0.0	0.0	0.0	
14	Ave. US No.3	0.0			4.5			1.7			59.2			0.2			
	Min. US No.3	0.0			0.4			0.1			56.5			0.0			
	Max. US No.3	0.2			6.6			3.9			62.3			1.6			
GRADE: US No.4																	
1	Region 12	0.0	-	-	8.7	-	-	0.2	-	-	58.4	-	-	0.0	-	-	
1	Region 20	0.6	-	-	1.5	-	-	0.8	-	-	59.6	-	-	0.0	-	-	
1	Region 24	0.0	-	-	2.5	-	-	4.3	-	-	57.5	-	-	0.0	-	-	
1	Region 26	0.0	-	-	5.4	-	-	4.8	-	-	59.1	-	-	0.1	-	-	
1	Region 27	0.0	-	-	6.9	-	-	4.3	-	-	56.0	-	-	0.2	-	-	
1	Region 28	0.0	-	-	2.9	-	-	4.6	-	-	57.0	-	-	0.0	-	-	
2	Region 36	0.3	0.0	0.5	5.5	1.5	9.5	2.7	0.4	4.9	58.4	58.2	58.6	0.3	0.0	0.7	
8	Ave. US No.4	0.1			4.9			3.0			58.1			0.1			
	Min. US No.4	0.0			1.5			0.2			56.0			0.0			
	Max. US No.4	0.6			9.5			4.9			59.6			0.7			
GRADE: US No.5																	
1	10	1.7	-	-	1.8	-	-	0.8	-	-	61.1	-	-	0.0	-	-	
1	18	0.0	-	-	4.0	-	-	5.4	-	-	58.2	-	-	0.2	-	-	
1	31	0.0	-	-	12.8	-	-	0.4	-	-	58.5	-	-	0.0	-	-	
1	33	0.0	-	-	1.7	-	-	5.2	-	-	61.7	-	-	0.0	-	-	
4	Ave. US No.5	0.4			5.1			2.9			59.9			0.0			
	Min. US No.5	0.0			1.7			0.4			58.2			0.0			
	Max. US No.5	1.7			12.8			5.4			61.7			0.2			
GRADE: Sample Grade																	
1	Region 25	0.2	-	-	12.1	-	-	20.2	-	-	54.9	-	-	0.0	-	-	
2	Region 26	0.0	0.0	0.0	3.5	2.1	4.9	1.0	0.3	1.6	58.1	57.0	59.1	0.0	0.0	0.0	
2	Region 30	0.0	0.0	0.0	2.2	1.0	3.3	0.5	0.2	0.7	59.7	59.6	59.8	0.0	0.0	0.0	
2	Region 31	0.0	0.0	0.0	4.8	4.0	5.6	1.1	0.5	1.6	59.3	59.2	59.4	0.0	0.0	0.0	
1	Region 32	0.0	-	-	4.1	-	-	0.3	-	-	59.6	-	-	0.0	-	-	
3	Region 33	0.8	0.0	2.3	15.3	4.7	22.7	0.7	0.4	1.0	57.9	55.4	60.5	0.3	0.0	0.8	
2	Region 34	0.0	0.0	0.0	1.5	1.3	1.7	1.0	0.8	1.1	58.1	56.8	59.3	0.0	0.0	0.0	
13	Ave. Sample Grade	0.2			6.6			2.3			58.3			0.1			
	Min. Sample Grade	0.0			1.0			0.2			54.9			0.0			
	Max. Sample Grade	2.3			22.7			20.2			60.5			0.8			

TABLE 9: USA GRADING OF YELLOW 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.									
CLASS: Mixed Corn																
1	Region 14	0.0	-	-	3.7	-	-	0.7	-	-	59.0	-	-	8.5	-	-
1	Region 21	0.0	-	-	1.0	-	-	0.4	-	-	59.1	-	-	8.2	-	-
1	Region 26	0.0	-	-	6.8	-	-	0.0	-	-	57.7	-	-	5.4	-	-
1	Region 31	0.0	-	-	1.9	-	-	0.5	-	-	58.2	-	-	9.6	-	-
4	Ave. Mixed Corn	0.0			3.3			0.4			58.5			7.9		
	Min. Mixed Corn	0.0			1.0			0.0			57.7			5.4		
	Max. Mixed Corn	0.0			6.8			0.7			59.1			9.6		
440	Ave. YM	0.0			2.2			0.7			59.5			0.2		
	Min. YM	0.0			0.0			0.0			54.9			0.0		
	Max. YM	2.3			22.7			20.2			64.1			9.6		
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 yellow maize samples were downgraded to Sample Grade due to the number of poisonous seeds exceeding the maximum allowance**

Region	Cockleburs (Xanthium spp.) exceeding 8 seeds
26	12 Xanthium Strumarium
26	12 Xanthium Strumarium
30	12 Xanthium Strumarium
30	12 Xanthium Strumarium
31	96 Xanthium Strumarium
31	12 Xanthium Strumarium
32	12 Xanthium Strumarium
33	24 Xanthium Strumarium
34	12 Xanthium Strumarium
34	24 Xanthium Strumarium