

TABLE 9: USA GRADING OF YELLOW MAIZE (2019/20)

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																
12	Region 10	0.0	0.0	0.0	1.7	0.8	2.9	0.5	0.1	1.3	61.4	58.4	62.2	0.0	0.0	0.0
9	Region 11	0.0	0.0	0.0	1.3	0.5	2.1	0.4	0.1	0.9	62.2	61.0	63.8	0.0	0.0	0.3
2	Region 12	0.0	0.0	0.0	2.0	1.4	2.6	0.0	0.0	0.1	60.8	59.2	62.4	0.0	0.0	0.0
1	Region 13	0.0	-	-	3.0	-	-	1.7	-	-	58.6	-	-	0.5	-	-
5	Region 14	0.0	0.0	0.0	1.4	0.7	1.8	0.6	0.2	0.9	60.5	59.4	61.6	0.3	0.0	1.0
2	Region 15	0.0	0.0	0.0	2.4	2.0	2.7	0.4	0.2	0.7	61.9	59.8	64.0	0.0	0.0	0.0
1	Region 16	0.0	-	-	2.8	-	-	0.2	-	-	60.3	-	-	0.0	-	-
1	Region 18	0.0	-	-	0.7	-	-	0.6	-	-	59.7	-	-	0.0	-	-
4	Region 20	0.0	0.0	0.0	2.0	1.8	2.3	0.6	0.0	1.6	60.9	59.1	62.9	0.1	0.0	0.2
1	Region 21	0.0	-	-	2.0	-	-	1.1	-	-	59.2	-	-	0.3	-	-
1	Region 23	0.0	-	-	2.5	-	-	1.3	-	-	60.8	-	-	0.2	-	-
5	Region 24	0.0	0.0	0.0	1.5	0.5	2.5	0.7	0.4	1.1	60.7	60.3	61.4	0.3	0.0	0.7
4	Region 25	0.0	0.0	0.0	2.2	1.0	3.0	0.9	0.3	2.0	58.0	56.2	59.1	0.2	0.0	0.8
2	Region 26	0.0	0.0	0.0	2.6	2.5	2.6	1.2	0.9	1.4	59.1	58.6	59.6	0.1	0.0	0.2
4	Region 27	0.0	0.0	0.0	2.2	1.1	3.0	0.6	0.1	1.2	59.7	58.7	60.8	0.0	0.0	0.0
16	Region 28	0.0	0.0	0.0	1.8	0.9	3.0	0.3	0.0	1.6	59.5	57.0	62.8	0.0	0.0	0.2
15	Region 29	0.0	0.0	0.0	2.0	0.3	2.9	0.5	0.1	1.4	59.9	57.8	62.0	0.0	0.0	0.1
21	Region 30	0.0	0.0	0.0	1.7	0.2	3.0	0.5	0.0	1.4	58.5	56.7	60.5	0.0	0.0	0.2
15	Region 31	0.0	0.0	0.0	1.7	0.4	3.0	0.4	0.1	1.2	60.0	57.7	62.9	0.0	0.0	0.3
13	Region 32	0.0	0.0	0.0	2.3	1.5	2.9	0.6	0.0	1.8	59.8	57.2	61.6	0.0	0.0	0.4
9	Region 33	0.0	0.0	0.0	1.7	0.1	2.9	0.4	0.0	1.7	58.5	57.5	59.0	0.5	0.0	2.5
12	Region 34	0.0	0.0	0.0	1.7	0.8	2.8	0.2	0.0	0.6	59.9	58.3	61.7	0.0	0.0	0.2
2	Region 35	0.0	0.0	0.0	1.0	0.3	1.8	0.1	0.0	0.2	60.8	60.5	61.0	0.0	0.0	0.0
14	Region 36	0.0	0.0	0.0	1.9	0.6	2.8	0.6	0.0	1.8	59.9	57.0	62.1	0.5	0.0	4.6
171	Ave. US No.1	0.0			1.8			0.5			59.9			0.1		
	Min. US No.1	0.0			0.1			0.0			56.2			0.0		
	Max. US No.1	0.0			3.0			2.0			64.0			4.6		
GRADE: US No.2																
3	Region 10	0.0	0.0	0.0	2.8	1.1	3.9	1.3	0.1	2.9	60.1	58.2	61.3	0.0	0.0	0.0
1	Region 11	0.0	-	-	3.5	-	-	0.2	-	-	62.6	-	-	0.0	-	-
1	Region 15	0.2	-	-	2.3	-	-	1.9	-	-	61.3	-	-	0.4	-	-
2	Region 18	0.0	0.0	0.0	3.5	3.3	3.7	0.3	0.2	0.3	60.3	59.1	61.5	0.0	0.0	0.0
2	Region 19	0.0	0.0	0.0	3.5	3.3	3.7	1.5	1.3	1.7	59.9	59.1	60.6	0.1	0.0	0.3
1	Region 20	0.0	-	-	3.5	-	-	0.3	-	-	60.6	-	-	0.0	-	-
4	Region 21	0.0	0.0	0.0	4.4	3.9	4.8	0.6	0.0	1.6	58.6	56.7	60.9	0.2	0.0	0.5
3	Region 22	0.0	0.0	0.0	3.4	2.8	3.9	1.3	0.2	2.8	57.9	56.8	60.2	1.4	0.2	3.6
2	Region 24	0.0	0.0	0.0	3.5	3.4	3.5	0.7	0.2	1.1	60.1	58.6	61.6	0.0	0.0	0.0
3	Region 25	0.0	0.0	0.0	3.9	3.5	4.6	0.2	0.1	0.3	57.4	56.5	58.0	0.2	0.0	0.5
6	Region 26	0.0	0.0	0.0	3.9	3.1	4.5	0.7	0.0	1.8	59.2	57.0	60.5	0.0	0.0	0.1
8	Region 27	0.0	0.0	0.0	3.6	2.2	4.9	1.3	0.2	2.7	58.2	55.8	59.8	0.0	0.0	0.0
4	Region 28	0.0	0.0	0.0	3.8	2.2	4.8	0.7	0.1	1.0	57.8	55.3	60.4	0.3	0.0	0.8
11	Region 29	0.0	0.0	0.2	3.4	0.9	5.0	0.7	0.0	2.3	59.2	54.8	61.8	0.1	0.0	0.4
6	Region 30	0.0	0.0	0.0	3.0	0.8	4.8	0.8	0.3	1.4	57.5	55.8	59.0	0.0	0.0	0.1
12	Region 31	0.0	0.0	0.0	3.7	1.9	4.6	0.8	0.2	3.0	60.5	59.1	62.0	0.0	0.0	0.0
15	Region 32	0.0	0.0	0.0	3.6	2.1	4.8	0.7	0.0	2.2	59.6	56.3	61.9	0.2	0.0	3.0
4	Region 33	0.0	0.0	0.0	3.8	3.1	4.4	0.4	0.1	0.8	60.0	58.9	60.8	0.1	0.0	0.5
5	Region 34	0.0	0.0	0.0	3.6	3.1	4.5	0.5	0.0	1.5	59.7	58.0	61.3	0.1	0.0	0.5
2	Region 35	0.0	0.0	0.0	3.7	3.2	4.1	0.6	0.2	1.0	59.4	59.1	59.6	0.5	0.0	0.9

TABLE 9: USA GRADING OF YELLOW MAIZE (2019/20) (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																
6	Region 36	0.0	0.0	0.0	3.6	1.7	4.4	0.6	0.0	2.2	60.1	58.3	61.5	0.1	0.0	0.4
101	Ave. US No.2	0.0			3.6			0.8			59.3			0.1		
	Min. US No.2	0.0			0.8			0.0			54.8			0.0		
	Max. US No.2	0.2			5.0			3.0			62.6			3.6		
GRADE: US No.3																
1	Region 17	0.0	-	-	5.7	-	-	0.0	-	-	61.1	-	-	0.1	-	-
3	Region 18	0.0	0.0	0.0	4.7	1.2	6.9	2.1	0.8	3.4	59.0	58.5	59.6	0.4	0.0	0.7
1	Region 20	0.0	-	-	5.3	-	-	0.4	-	-	59.3	-	-	0.1	-	-
2	Region 21	0.0	0.0	0.0	5.9	5.8	6.0	0.6	0.5	0.7	59.4	58.3	60.4	0.2	0.0	0.5
2	Region 22	0.0	0.0	0.0	5.8	5.5	6.1	1.1	0.3	1.8	59.0	58.4	59.6	0.1	0.0	0.2
3	Region 24	0.1	0.0	0.4	3.8	2.6	5.6	2.0	1.0	3.9	58.9	56.3	61.3	0.0	0.0	0.0
1	Region 26	0.2	-	-	5.6	-	-	1.0	-	-	59.0	-	-	0.0	-	-
1	Region 27	0.0	-	-	5.1	-	-	0.8	-	-	58.5	-	-	0.0	-	-
3	Region 28	0.0	0.0	0.0	5.3	5.1	5.6	0.3	0.2	0.4	58.0	56.7	60.1	0.3	0.0	1.0
7	Region 29	0.0	0.0	0.0	5.4	3.2	6.9	1.0	0.0	2.4	58.6	53.0	60.9	0.3	0.0	1.6
2	Region 30	0.0	0.0	0.0	5.7	5.5	5.9	0.8	0.6	1.0	58.4	57.3	59.4	0.0	0.0	0.0
2	Region 31	0.0	0.0	0.0	6.3	5.8	6.9	0.8	0.5	1.1	57.0	54.7	59.2	0.1	0.0	0.2
5	Region 32	0.0	0.0	0.0	5.0	1.1	6.6	1.2	0.2	3.3	59.2	57.0	60.8	0.6	0.0	2.7
2	Region 33	0.0	0.0	0.0	6.4	5.9	6.9	0.8	0.7	1.0	58.7	56.5	60.8	0.0	0.0	0.0
2	Region 34	0.0	0.0	0.0	5.3	5.3	5.4	0.5	0.1	0.9	61.2	59.0	63.4	0.1	0.0	0.2
3	Region 36	0.0	0.0	0.0	5.3	5.1	5.7	0.8	0.5	1.2	58.8	54.8	61.8	0.0	0.0	0.1
40	Ave. US No.3	0.0			5.3			1.0			58.9			0.2		
	Min. US No.3	0.0			1.1			0.0			53.0			0.0		
	Max. US No.3	0.4			6.9			3.9			63.4			2.7		
GRADE: US No.4																
1	Region 13	0.0	-	-	7.3	-	-	1.0	-	-	59.1	-	-	0.0	-	-
1	Region 14	0.0	-	-	9.7	-	-	0.6	-	-	58.4	-	-	0.4	-	-
1	Region 15	0.0	-	-	8.3	-	-	0.3	-	-	60.1	-	-	0.0	-	-
2	Region 16	0.0	0.0	0.0	8.6	8.0	9.2	0.4	0.2	0.5	60.0	58.0	61.9	0.4	0.0	0.8
2	Region 18	0.0	0.0	0.0	4.9	2.1	7.7	3.3	2.2	4.4	57.9	57.2	58.5	0.1	0.0	0.2
2	Region 21	0.0	0.0	0.0	9.2	8.6	9.7	0.8	0.4	1.1	58.1	56.6	59.5	0.0	0.0	0.0
1	Region 24	0.0	-	-	9.4	-	-	0.1	-	-	56.7	-	-	0.0	-	-
1	Region 26	0.0	-	-	9.9	-	-	0.2	-	-	58.3	-	-	0.3	-	-
2	Region 27	0.0	0.0	0.0	8.1	7.1	9.1	0.4	0.0	0.8	60.5	58.5	62.5	0.0	0.0	0.0
4	Region 28	0.0	0.0	0.0	8.1	7.2	8.9	0.6	0.1	1.1	58.1	57.1	60.1	0.1	0.0	0.5
1	Region 29	0.0	-	-	3.5	-	-	4.1	-	-	56.2	-	-	0.0	-	-
1	Region 30	0.0	-	-	8.7	-	-	0.5	-	-	57.7	-	-	0.0	-	-
1	Region 31	0.0	-	-	7.6	-	-	0.2	-	-	61.4	-	-	0.0	-	-
1	Region 33	0.0	-	-	7.1	-	-	0.9	-	-	60.9	-	-	0.0	-	-
21	Ave. US No.4	0.0			7.9			1.0			58.8			0.1		
	Min. US No.4	0.0			2.1			0.0			56.2			0.0		
	Max. US No.4	0.0			9.9			4.4			62.5			0.8		
GRADE: US No.5																
1	Region 11	0.0	-	-	10.5	-	-	1.2	-	-	60.3	-	-	0.0	-	-
2	Region 15	1.2	0.0	2.3	9.5	6.3	12.7	3.8	1.5	6.2	57.9	56.7	59.0	1.2	0.0	2.4
1	Region 24	0.0	-	-	10.4	-	-	2.9	-	-	59.8	-	-	0.2	-	-
3	Region 26	0.0	0.0	0.0	12.2	11.2	14.2	0.5	0.0	1.4	57.4	54.8	58.9	1.1	0.0	2.8
1	Region 27	0.0	-	-	10.1	-	-	1.0	-	-	57.9	-	-	0.0	-	-
3	Region 28	0.0	0.0	0.0	12.4	10.8	14.4	0.3	0.2	0.5	58.4	56.2	59.6	0.3	0.0	0.5
1	Region 30	0.0	-	-	11.2	-	-	0.9	-	-	53.6	-	-	0.0	-	-

TABLE 9: USA GRADING OF YELLOW MAIZE (2019/20) (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 31	0.0	-	-	11.4	-	-	0.6	-	-	56.9	-	-	0.0	-	-
1	Region 33	2.1	-	-	3.2	-	-	0.0	-	-	59.4	-	-	3.4	-	-
4	Region 36	0.6	0.0	2.5	8.7	1.4	14.8	4.8	1.1	6.4	59.2	57.5	60.8	0.7	0.0	1.5
18	Ave. US No.5	0.4			10.2			2.0			58.2			0.7		
	Min. US No.5	0.0			1.4			0.0			53.6			0.0		
	Max. US No.5	2.5			14.8			6.4			60.8			3.4		
GRADE: Sample Grade																
1	*Region 8	0.0	-	-	4.6	-	-	0.7	-	-	60.6	-	-	0.0	-	-
5	Region 24	0.0	0.0	0.0	38.1	3.9	80.0	1.9	0.7	3.6	54.2	49.6	58.8	0.0	0.0	0.0
5	*Region 26	0.0	0.0	0.2	29.0	9.4	58.0	0.7	0.1	1.5	55.5	52.4	58.0	0.0	0.0	0.0
2	*Region 27	0.0	0.0	0.0	2.0	1.7	2.3	5.4	1.5	9.3	59.5	58.8	60.1	0.0	0.0	0.0
1	Region 28	0.0	-	-	85.9	-	-	0.4	-	-	52.0	-	-	0.0	-	-
1	*Region 29	0.0	-	-	2.7	-	-	0.4	-	-	59.2	-	-	0.0	-	-
2	*Region 31	0.0	0.0	0.0	2.7	2.2	3.3	0.6	0.5	0.7	57.5	57.4	57.5	0.0	0.0	0.0
2	*Region 32	0.0	0.0	0.0	3.2	2.8	3.7	1.0	0.6	1.5	60.2	59.1	61.2	0.0	0.0	0.0
1	*Region 36	0.0	-	-	2.7	-	-	0.4	-	-	60.0	-	-	0.0	-	-
20	Ave. Sample Grade	0.0			22.4			1.4			56.7			0.0		
	Min. Sample Grade	0.0			1.7			0.1			49.6			0.0		
	Max. Sample Grade	0.2			85.9			9.3			61.2			0.0		
CLASS: Mixed Corn																
2	Region 23	0.0	0.0	0.0	4.4	3.7	5.1	0.6	0.1	1.1	56.4	55.5	57.2	6.7	5.6	7.8
1	Region 27	0.0	-	-	3.2	-	-	1.4	-	-	58.5	-	-	17.2	-	-
3	Ave. Mixed Corn	0.0			4.0			0.9			57.1			10.2		
	Min. Mixed Corn	0.0			3.2			0.1			55.5			5.6		
	Max. Mixed Corn	0.0			5.1			1.4			58.5			17.2		
374	Ave. YM	0.0			4.5			0.8			59.3			0.2		
	Min. YM	0.0			0.1			0.0			49.6			0.0		
	Max. YM	2.5			85.9			9.3			64.0			17.2		
890	Ave. Maize	0.1			6.8			0.9			59.0			0.3		
	Min. Maize	0.0			0.1			0.0			49.3			0.0		
	Max. Maize	79.7			96.3			16.5			64.0			18.3		

***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
8	12 <i>Xanthium strumarium</i>
26	12 <i>Xanthium strumarium</i>
27	12 <i>Xanthium strumarium</i>
29	12 <i>Xanthium strumarium</i>
31	10 <i>Xanthium strumarium</i>
31	12 <i>Xanthium strumarium</i>
32	12 <i>Xanthium strumarium</i>
32	12 <i>Xanthium strumarium</i>
36	12 <i>Xanthium strumarium</i>