

**TABLE 9: USA GRADING OF YELLOW MAIZE (2018/19)**

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.									
<b>GRADE: US No.1</b>																
1	Region 03	0.0	-	-	0.6	-	-	0.5	-	-	62.9	-	-	0.0	-	-
18	Region 10	0.0	0.0	0.0	1.0	0.1	2.6	0.4	0.1	1.0	62.1	60.8	63.7	0.0	0.0	0.0
15	Region 11	0.0	0.0	0.0	0.9	0.2	1.8	0.4	0.0	1.8	62.7	60.0	64.7	0.0	0.0	0.5
1	Region 12	0.0	-	-	1.7	-	-	0.2	-	-	61.2	-	-	0.0	-	-
2	Region 14	0.0	0.0	0.0	1.5	1.2	1.7	0.6	0.0	1.3	59.2	58.6	59.8	0.1	0.0	0.2
2	Region 15	0.0	0.0	0.0	1.1	0.6	1.7	0.2	0.1	0.4	59.0	57.6	60.3	0.3	0.0	0.5
2	Region 16	0.0	0.0	0.0	1.7	0.8	2.6	0.3	0.0	0.7	59.9	59.6	60.2	0.0	0.0	0.0
1	Region 17	0.0	-	-	1.6	-	-	1.4	-	-	57.0	-	-	0.4	-	-
1	Region 19	0.0	-	-	2.3	-	-	0.4	-	-	60.5	-	-	0.3	-	-
2	Region 20	0.0	0.0	0.0	2.3	2.1	2.4	0.3	0.1	0.5	61.0	60.8	61.1	0.0	0.0	0.0
4	Region 21	0.0	0.0	0.0	2.1	1.6	2.5	0.5	0.0	1.3	60.4	59.4	62.0	0.2	0.0	0.6
1	Region 22	0.0	-	-	1.9	-	-	1.5	-	-	58.4	-	-	0.2	-	-
7	Region 24	0.0	0.0	0.0	1.1	0.3	2.5	0.3	0.0	0.6	59.7	57.1	61.0	0.1	0.0	0.2
6	Region 25	0.0	0.0	0.0	2.1	1.1	2.8	0.3	0.1	0.6	60.5	59.2	61.8	0.0	0.0	0.0
8	Region 26	0.0	0.0	0.0	1.7	0.5	2.8	0.5	0.0	1.4	60.5	59.0	62.3	0.2	0.0	1.9
3	Region 27	0.0	0.0	0.0	1.7	1.3	2.3	0.5	0.2	0.8	59.3	58.6	59.7	0.0	0.0	0.0
18	Region 28	0.0	0.0	0.0	2.0	0.7	3.0	0.4	0.0	1.5	59.8	57.9	62.7	0.0	0.0	0.1
25	Region 29	0.0	0.0	0.0	1.7	0.3	3.0	0.4	0.0	0.9	59.8	57.8	61.9	0.0	0.0	0.3
11	Region 30	0.0	0.0	0.0	2.1	0.8	2.9	0.5	0.2	0.8	59.7	57.2	62.7	0.2	0.0	1.7
19	Region 31	0.0	0.0	0.0	1.8	0.2	2.8	0.5	0.1	1.2	60.1	57.9	63.0	0.0	0.0	0.1
14	Region 32	0.0	0.0	0.0	2.1	0.9	2.9	0.4	0.0	1.3	59.8	57.9	61.5	0.1	0.0	0.7
4	Region 33	0.0	0.0	0.0	2.5	1.9	3.0	0.2	0.0	0.4	60.2	59.8	60.6	0.3	0.0	0.5
16	Region 34	0.0	0.0	0.0	2.1	1.0	3.0	0.7	0.1	2.0	59.1	57.2	61.7	0.2	0.0	1.4
9	Region 35	0.0	0.0	0.0	1.5	0.9	2.2	0.6	0.0	1.9	59.6	57.0	60.9	0.1	0.0	0.6
7	Region 36	0.0	0.0	0.0	2.2	1.7	3.0	0.7	0.1	1.8	60.3	57.7	62.2	0.8	0.0	3.3
<b>197</b>	<b>Ave. US No.1</b>	<b>0.0</b>			<b>1.7</b>			<b>0.5</b>			<b>60.3</b>			<b>0.1</b>		
	<b>Min. US No.1</b>	<b>0.0</b>			<b>0.1</b>			<b>0.0</b>			<b>57.0</b>			<b>0.0</b>		
	<b>Max. US No.1</b>	<b>0.0</b>			<b>3.0</b>			<b>2.0</b>			<b>64.7</b>			<b>3.3</b>		
<b>GRADE: US No.2</b>																
1	Region 10	0.0	-	-	3.7	-	-	0.0	-	-	59.8	-	-	0.0	-	-
1	Region 11	0.0	-	-	1.8	-	-	2.6	-	-	61.2	-	-	0.0	-	-
1	Region 13	0.0	-	-	3.4	-	-	0.6	-	-	60.0	-	-	0.0	-	-
3	Region 14	0.0	0.0	0.0	2.7	0.8	3.9	2.1	1.0	2.9	59.3	57.1	61.3	0.3	0.0	0.8
2	Region 16	0.0	0.0	0.0	3.4	3.2	3.6	0.9	0.7	1.0	58.1	56.9	59.3	0.3	0.0	0.5
1	Region 19	0.0	-	-	4.4	-	-	0.2	-	-	59.3	-	-	1.8	-	-
2	Region 21	0.0	0.0	0.0	3.7	3.3	4.1	1.0	0.6	1.4	59.3	58.0	60.5	0.0	0.0	0.0
2	Region 22	0.0	0.0	0.0	4.0	3.5	4.5	1.0	0.4	1.7	59.2	58.5	59.8	0.9	0.8	1.0
2	Region 23	0.0	0.0	0.0	3.4	3.0	3.7	0.5	0.4	0.5	56.6	55.5	57.7	0.4	0.2	0.7
8	Region 24	0.0	0.0	0.0	3.5	2.4	4.5	1.0	0.0	2.2	58.4	55.7	61.8	0.2	0.0	0.9
1	Region 25	0.0	-	-	3.2	-	-	0.3	-	-	59.8	-	-	0.0	-	-
8	Region 26	0.0	0.0	0.0	3.9	3.5	4.4	0.8	0.2	1.5	60.0	58.9	61.2	0.0	0.0	0.0
3	Region 27	0.0	0.0	0.0	3.6	3.1	4.3	0.4	0.1	0.6	60.7	60.0	61.5	0.1	0.0	0.4
16	Region 28	0.0	0.0	0.0	3.9	3.2	5.0	0.5	0.1	1.9	59.7	57.4	61.0	0.0	0.0	0.2
3	Region 29	0.0	0.0	0.0	3.4	3.2	3.6	0.6	0.1	1.3	59.6	58.4	60.8	0.1	0.0	0.3
15	Region 30	0.0	0.0	0.0	3.9	2.9	5.0	0.6	0.0	3.0	60.1	58.9	61.8	0.0	0.0	0.0
9	Region 31	0.0	0.0	0.0	4.0	3.3	5.0	0.3	0.1	1.2	59.6	57.7	62.6	0.0	0.0	0.3
11	Region 32	0.0	0.0	0.0	4.0	3.1	4.9	1.0	0.2	2.9	58.9	58.4	59.4	0.3	0.0	1.5
7	Region 33	0.0	0.0	0.0	4.0	3.2	4.8	0.6	0.2	1.0	59.4	57.4	62.2	0.3	0.0	1.0

**TABLE 9: USA GRADING OF YELLOW MAIZE (2018/19) (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.									
14	Region 34	0.0	0.0	0.0	3.6	1.2	4.9	1.0	0.3	2.9	58.8	56.8	60.8	0.3	0.0	1.2
1	Region 35	0.0	-	-	3.5	-	-	1.3	-	-	58.2	-	-	0.2	-	-
7	Region 36	0.0	0.0	0.0	4.5	3.9	5.0	0.5	0.0	1.5	60.4	58.5	62.0	0.0	0.0	0.0
<b>118</b>	<b>Ave. US No.2</b>	<b>0.0</b>			<b>3.8</b>			<b>0.7</b>			<b>59.4</b>			<b>0.1</b>		
	<b>Min. US No.2</b>	<b>0.0</b>			<b>0.8</b>			<b>0.0</b>			<b>55.5</b>			<b>0.0</b>		
	<b>Max. US No.2</b>	<b>0.0</b>			<b>5.0</b>			<b>3.0</b>			<b>62.6</b>			<b>1.8</b>		
<b>GRADE: US No.3</b>																
1	Region 11	0.0	-	-	2.0	-	-	3.2	-	-	63.4	-	-	0.0	-	-
1	Region 13	0.0	-	-	6.4	-	-	1.5	-	-	60.3	-	-	0.7	-	-
1	Region 14	0.0	-	-	6.0	-	-	0.0	-	-	59.8	-	-	0.0	-	-
1	Region 17	0.0	-	-	6.3	-	-	0.1	-	-	60.4	-	-	0.0	-	-
2	Region 18	0.0	0.0	0.0	5.5	5.4	5.6	0.8	0.5	1.1	60.1	59.3	60.9	0.0	0.0	0.0
1	Region 19	0.0	-	-	5.5	-	-	0.6	-	-	59.6	-	-	0.0	-	-
2	Region 20	0.3	0.3	0.3	3.3	2.4	4.2	1.0	0.3	1.7	60.1	59.8	60.3	0.0	0.0	0.0
1	Region 22	0.0	-	-	5.9	-	-	0.6	-	-	60.4	-	-	4.2	-	-
1	Region 23	0.0	-	-	6.3	-	-	2.6	-	-	60.5	-	-	0.0	-	-
2	Region 26	0.0	0.0	0.0	6.4	6.3	6.6	1.5	0.4	2.7	59.4	59.1	59.6	0.6	0.0	1.2
1	Region 27	0.0	-	-	3.2	-	-	3.5	-	-	60.7	-	-	0.0	-	-
1	Region 28	0.0	-	-	6.9	-	-	0.1	-	-	59.1	-	-	0.0	-	-
7	Region 30	0.0	0.0	0.0	5.9	5.2	6.6	0.1	0.0	0.4	59.9	57.8	62.7	0.1	0.0	0.9
6	Region 31	0.0	0.0	0.0	6.1	5.5	7.0	0.3	0.1	0.6	58.8	56.7	59.9	0.0	0.0	0.0
3	Region 32	0.0	0.0	0.0	5.7	5.5	5.9	0.7	0.2	1.7	58.3	57.7	58.8	0.0	0.0	0.0
4	Region 33	0.0	0.0	0.0	5.5	5.2	5.7	0.5	0.3	1.0	59.0	58.0	60.5	0.1	0.0	0.3
3	Region 34	0.0	0.0	0.0	5.7	5.4	6.2	1.1	0.8	1.3	59.0	58.4	59.5	0.1	0.0	0.2
7	Region 36	0.0	0.0	0.0	6.2	5.7	6.7	0.5	0.0	1.3	60.5	59.0	63.1	0.5	0.0	2.3
<b>45</b>	<b>Ave. US No.3</b>	<b>0.0</b>			<b>5.7</b>			<b>0.7</b>			<b>59.7</b>			<b>0.2</b>		
	<b>Min. US No.3</b>	<b>0.0</b>			<b>2.0</b>			<b>0.0</b>			<b>56.7</b>			<b>0.0</b>		
	<b>Max. US No.3</b>	<b>0.3</b>			<b>7.0</b>			<b>3.5</b>			<b>63.4</b>			<b>4.2</b>		
<b>GRADE: US No.4</b>																
1	Region 16	0.0	-	-	9.6	-	-	2.8	-	-	57.2	-	-	5.0	-	-
1	Region 21	0.7	-	-	2.4	-	-	0.6	-	-	61.6	-	-	0.7	-	-
1	Region 24	0.0	-	-	8.2	-	-	0.6	-	-	59.7	-	-	0.3	-	-
2	Region 26	0.0	0.0	0.0	8.0	7.7	8.3	0.8	0.4	1.1	59.5	59.3	59.7	0.0	0.0	0.0
1	Region 28	0.0	-	-	9.4	-	-	0.4	-	-	58.8	-	-	0.4	-	-
4	Region 36	0.0	0.0	0.0	8.2	7.8	8.5	0.5	0.1	0.8	60.8	59.2	62.5	0.2	0.0	0.7
<b>10</b>	<b>Ave. US No.4</b>	<b>0.1</b>			<b>7.8</b>			<b>0.8</b>			<b>59.9</b>			<b>0.7</b>		
	<b>Min. US No.4</b>	<b>0.0</b>			<b>2.4</b>			<b>0.1</b>			<b>57.2</b>			<b>0.0</b>		
	<b>Max. US No.4</b>	<b>0.7</b>			<b>9.6</b>			<b>2.8</b>			<b>62.5</b>			<b>5.0</b>		
<b>GRADE: US No.5</b>																
1	Region 16	0.0	-	-	10.4	-	-	3.2	-	-	56.7	-	-	0.0	-	-
1	Region 17	0.0	-	-	3.4	-	-	5.1	-	-	59.1	-	-	0.2	-	-
1	Region 20	0.8	-	-	12.6	-	-	1.2	-	-	55.5	-	-	0.2	-	-
2	Region 26	0.0	0.0	0.0	11.2	10.4	11.9	3.5	0.4	6.7	59.4	57.4	61.3	0.8	0.2	1.4
2	Region 27	0.6	0.0	1.1	4.9	3.3	6.5	2.8	0.4	5.2	59.9	59.5	60.2	0.0	0.0	0.0
1	Region 28	0.0	-	-	14.6	-	-	0.5	-	-	55.3	-	-	0.0	-	-
1	Region 32	0.0	-	-	11.4	-	-	1.0	-	-	57.6	-	-	0.0	-	-
<b>9</b>	<b>Ave. US No.5</b>	<b>0.2</b>			<b>9.4</b>			<b>2.6</b>			<b>58.1</b>			<b>0.2</b>		
	<b>Min. US No.5</b>	<b>0.0</b>			<b>3.3</b>			<b>0.4</b>			<b>55.3</b>			<b>0.0</b>		
	<b>Max. US No.5</b>	<b>1.1</b>			<b>14.6</b>			<b>6.7</b>			<b>61.3</b>			<b>1.4</b>		

**TABLE 9: USA GRADING OF YELLOW MAIZE (2018/19) (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.									
<b>GRADE: Sample Grade</b>																
1	Region 13	0.0	-	-	31.4	-	-	0.2	-	-	58.6	-	-	0.5	-	-
1	Region 14	0.0	-	-	19.6	-	-	0.1	-	-	55.4	-	-	0.0	-	-
1	*Region 18	0.0	-	-	4.6	-	-	1.5	-	-	59.1	-	-	0.3	-	-
1	Region 19	0.0	-	-	37.4	-	-	0.2	-	-	56.2	-	-	0.0	-	-
5	Region 26	0.0	0.0	0.0	15.7	3.7	29.2	3.4	0.0	7.9	58.0	57.1	59.1	0.1	0.0	0.4
1	*Region 28	0.0	-	-	5.5	-	-	0.4	-	-	60.3	-	-	0.0	-	-
1	Region 29	0.0	-	-	17.0	-	-	0.6	-	-	53.8	-	-	0.0	-	-
2	*Region 30	0.0	0.0	0.0	9.6	2.8	16.5	0.4	0.4	0.5	60.1	60.1	60.1	0.2	0.0	0.5
2	*Region 32	0.0	0.0	0.0	6.3	4.1	8.5	0.7	0.7	0.8	59.3	58.7	59.8	0.0	0.0	0.0
2	Region 33	0.0	0.0	0.0	18.6	18.5	18.7	0.1	0.1	0.2	57.8	57.5	58.1	0.0	0.0	0.0
4	*Region 34	0.0	0.0	0.0	9.0	2.3	22.7	0.5	0.1	1.0	57.6	53.6	59.1	0.0	0.0	0.0
3	Region 36	0.0	0.0	0.0	15.7	2.4	23.3	3.7	0.2	7.1	58.0	56.1	60.0	0.1	0.0	0.2
<b>24</b>	<b>Ave. Sample Grade</b>	<b>0.0</b>			<b>14.4</b>			<b>1.5</b>			<b>58.0</b>			<b>0.1</b>		
	<b>Min. Sample Grade</b>	<b>0.0</b>			<b>2.3</b>			<b>0.0</b>			<b>53.6</b>			<b>0.0</b>		
	<b>Max. Sample Grade</b>	<b>0.0</b>			<b>37.4</b>			<b>7.9</b>			<b>60.3</b>			<b>0.5</b>		
<b>CLASS: Mixed corn</b>																
1	Region 36	0.0	-	-	7.9	-	-	1.1	-	-	62.7	-	-	7.4	-	-
<b>1</b>	<b>Ave. Mixed corn</b>	<b>0.0</b>			<b>7.9</b>			<b>1.1</b>			<b>62.7</b>			<b>7.4</b>		
	<b>Min. Mixed corn</b>	<b>-</b>			<b>-</b>			<b>-</b>			<b>-</b>			<b>-</b>		
	<b>Max. Mixed corn</b>	<b>-</b>			<b>-</b>			<b>-</b>			<b>-</b>			<b>-</b>		
<b>404</b>	<b>Ave. yellow maize</b>	<b>0.0</b>			<b>3.9</b>			<b>0.7</b>			<b>59.8</b>			<b>0.2</b>		
	<b>Min. yellow maize</b>	<b>0.0</b>			<b>0.1</b>			<b>0.0</b>			<b>53.6</b>			<b>0.0</b>		
	<b>Max. yellow maize</b>	<b>1.1</b>			<b>37.4</b>			<b>7.9</b>			<b>64.7</b>			<b>7.4</b>		
<b>808</b>	<b>Ave. maize</b>	<b>0.2</b>			<b>5.4</b>			<b>0.8</b>			<b>59.4</b>			<b>0.4</b>		
	<b>Min. maize</b>	<b>0.0</b>			<b>0.1</b>			<b>0.0</b>			<b>47.4</b>			<b>0.0</b>		
	<b>Max. maize</b>	<b>93.1</b>			<b>93.1</b>			<b>11.9</b>			<b>64.9</b>			<b>13.1</b>		

\*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 spp.</i> ) exceeding 8 seeds
18	24 <i>Xanthium strumarium</i>
28	12 <i>Xanthium strumarium</i>
30	12 <i>Xanthium strumarium</i>
32	12 <i>Xanthium strumarium</i>
32	12 <i>Xanthium strumarium</i>
34	12 <i>Xanthium strumarium</i>
34	12 <i>Xanthium strumarium</i>
34	12 <i>Xanthium strumarium</i>