TABLE 7: GRADES AND GRADE REQUIREMENTS FOR MAIZE ACCORDING TO RSA GRADING REGULATIONS

	Maximum percentage of deviation allowed									
Description of deviation		(m/m)								
		White maize			Yellow maize					
			GRADE							
		WM1	WM2	WM3	YM1	YM2	YM3			
I	Defective maize kernels	7	13	30	*	*	*			
	above 6.35 mm grading sieve	*	*	*	9	20	30			
	below 6.35 mm grading sieve	*	*	*	4	10	30			
П	Other colour maize kernels	3	6	10	2	5	5			
III	Foreign matter (excluding glass, stone, coal, dung or metal)	0,3	0,5	0,75	0,3	0,5	0,75			
IV	Total deviations in terms I, II and									
	III collectively, provided such deviations are individually	8	16	30	9	20	30			
	within the limits specified above									
V	Pinked maize kernels	12	12	12	*	*	*			

If the maize does not comply with the standards for Class White Maize of Class Yellow Maize, it shall be classified as Class Other Maize.

TABLE 8: GRADES AND GRADE REQUIREMENTS FOR MAIZE ACCORDING TO USA GRADING REGULATIONS

			Maximum limits of -					
Grades	Minimum test weight per bushel (pounds)		Heat damaged kernels (percent)	Total (percent)	Broken corn and foreign meaterial (percent)			
U.S. No. 1	56.0	72.1 kg/hl	0.1	3.0	2.0			
U.S. No. 2	54.0	69.5 kg/hl	0.2	5.0	3.0			
U.S. No. 3	52.0	66.9 kg/hl	0.5	7.0	4.0			
U.S. No. 4	49.0	63.1 kg/hl	1.0	10.0	5.0			
U.S. No. 5	46.0	59.2 kg/hl	3.0	15.0	7.0			
U.S. Sample Grade	< 46.0	<59.2 kg/hl	>3.0	>15.0	>7.0			
U.S. Mix Grade When % other colour in yellow maize samples >5 % and white ma					ze samples >2 %			

U.S. Sample grade is corn that:

- a) Does not meet the requirements for the grades U.S. Nos. 1, 2, 3, 4 or 5; or
- b) Contains stones which have an aggregate weight in excess of 0.1 percent of the sample weight, 2 or more pieces of glass, 3 or more crotalaria seeds (Crotalaria spp.), 2 or more castor beans (Ricinus communis L.), 4 or more particles of an unknown foreign substance(s) or a commonly recognized harmful or toxic substance(s), 8 or more cockleburs (Xanthium spp.) or similar seeds singly or in combination, or animal filth in excess of 0.20 percent in 1,000 grams; or
- c) Has a musty, sour, or commercially objectionable foreign odor; or
- d) Is heating or otherwise of distinctly low quality.

Source: Offical United States Standard of Grain (excluding metric conversions).

^{*} Not specified