

RSA wheat production areas



Wheat grades

The 337 representative crop samples were graded as follows: 22.0% was graded B1, 27.9% was graded B2, 20.5% was graded B3, 10.7% was graded B4, 17.8% UT (Utility Grade) and 1.1% COW (Class Other Wheat). The majority of the samples downgraded to Utility Grade was as a result of the percentages other grain and unthreshed ears (24 samples) and screenings (15 samples), exceeding the maximum allowable level of grades B1 to B4.

Grade B1 wheat in the Free State province amounted to 25% (45% in the previous season) and grade B1 in Other Summer rainfall and Irrigation areas amounted to 37% (50% in the previous season). In the Irrigation areas 49% (40% in the previous season) of the wheat graded as B1 and in the Western Cape Province 9% graded as B1 (36% in the previous season).

Table 1: Bread Wheat Grading Table 2012/2013

Grade	Minimum			Maximum percentage permissible deviation (m/m)									
	Hectolitre mass, kg/hl	Falling number, seconds	Protein content, %	A	B	C	D	E	F	G	H	I	J
				Heavily frost damaged kernels	Field fungi	Storage fungi	Screenings	Other grain and unthreshed ears	Gravel, stones, turf and glass	Foreign matter plus F	Heat damaged kernels	Damaged kernels plus H	Combined deviations (D+E+G+I)
Grade 1	77	220	12	5	2	0.5	3	1	0.5	1	0.5	2	5
Grade 2	76	220	11	5	2	0.5	3	1	0.5	1	0.5	2	5
Grade 3	74	220	10	5	2	0.5	3	1	0.5	1	0.5	2	5
Grade 4	72	200	9	5	2	0.5	4	1	0.5	1	0.5	2	5
Utility grade	70	150	8	10	2	0.5	10	4	0.5	3	0.5	5	10
Other Wheat	<70	<150	<8	>10	>2	>0.5	>10	>4	>0.5	>3	>0.5	>5	>10
Minimum size of working samples	1 kg	300 g clean	Apparatus instructions	25 g sifted	25 g sifted	25 g sifted	500 g unsifted	50 g sifted	100 g sifted	100 g sifted	100 g sifted	25 g sifted	-