

# REGIONAL QUALITY WEIGHTED AVERAGES

	<i>Winter rainfall area</i>		<i>Summer rainfall area (Free State)</i>		<i>Irrigation areas</i>		<i>Other Summer rainfall and Irrigation areas</i>		<i>RSA average</i>	
<i>Individual samples n</i>	<b>197</b>		<b>134</b>		<b>93</b>		<b>56</b>		<b>480</b>	
<b>Regions</b>	1 to 7		21 to 28		10 to 11, 14 to 20 and 36		29 to 35		All	
<b>Hectolitre mass dirty, kg/hl</b>	77.6		76.3		78.9		79.3		77.7	
<b>1000 kernel mass (13 % mb), g</b>	34.7		32.0		37.7		39.3		35.1	
<b>Falling number, sec</b>	371		368		398		389		377	
<b>Screenings (1,8 mm), %</b>	1.63		2.17		1.82		1.91		1.85	
<b>Protein (12 % mb), %</b>	12.72		14.59		11.78		11.87		12.96	
<b>Mixogram peak time, min (Quadromat)</b>	2.8		3.3		2.7		2.6		2.9	
<b>Composite samples per grade n = 80</b>	<b>B1</b>	<b>B2</b>	<b>B1</b>	<b>B2</b>	<b>B1</b>	<b>B2</b>	<b>B1</b>	<b>B2</b>	<b>B1</b>	<b>B2</b>
	<b>B3</b>	<b>B4</b>	<b>B3</b>	<b>B4</b>	<b>B3</b>	<b>B4</b>	<b>B3</b>	<b>B4</b>	<b>B3</b>	<b>B4</b>
<b>Bühler extraction, %</b>	75.1	74.9	74.2	73.5	75.6	75.1	75.1	74.7	74.9	74.5
	74.3	72.9	73.7	72.8	75.6	75.1	76.2	76.5	74.7	74.0
<b>Flour colour, KJ</b>	-1.2	-1.3	-0.6	-0.5	-1.6	-1.9	-1.6	-1.1	-1.2	-1.2
	-1.2	-1.1	-0.5	-0.6	-1.8	-2.9	-2.0	-1.2	-1.3	-1.4
<b>Farinogram:</b>	61.2	61.6	62.4	61.5	61.0	60.4	61.4	61.6	61.6	61.2
<b>Water absorption, %</b>	60.0	60.8	61.7	61.0	59.6	58.0	61.4	61.9	60.5	60.5
<b>Farinogram:</b>	5.0	4.7	5.9	6.1	5.1	4.7	4.4	4.4	5.2	5.0
<b>Development time, min</b>	3.8	5.6	6.5	7.1	4.5	2.9	3.6	5.6	4.9	5.5
<b>Alveogram:</b>	37.3	35.3	49.7	48.2	37.6	34.5	34.4	39.3	40.9	39.5
<b>Strength, cm<sup>2</sup></b>	34.8	40.3	46.6	51.7	32.8	26.0	30.3	44.3	37.7	41.6
<b>Alveogram:</b>	0.62	0.80	0.63	0.59	0.58	0.58	0.50	0.69	0.59	0.65
<b>P/L</b>	0.66	0.77	0.53	0.46	0.56	0.64	0.88	0.69	0.60	0.63
<b>Extensogram:</b>	108	96	126	142	116	109	110	120	116	118
<b>Strenght, cm<sup>2</sup></b>	100	117	133	153	99	77	84	123	109	121
<b>Mixogram peak time, min</b>	2.5	2.5	2.6	2.8	2.4	2.5	2.2	2.7	2.5	2.6
	2.7	2.7	2.8	3.1	2.6	2.7	2.4	2.8	2.7	2.8
<b>Relationship between protein and bread volume</b>	Ex	VG	VG	VG	Ex	Ex	Ex	Ex	Excellent	
	Ex	VG	VG	VG	Ex	Ex	Ex	VG		

Ex = Excellent

VG = Very Good