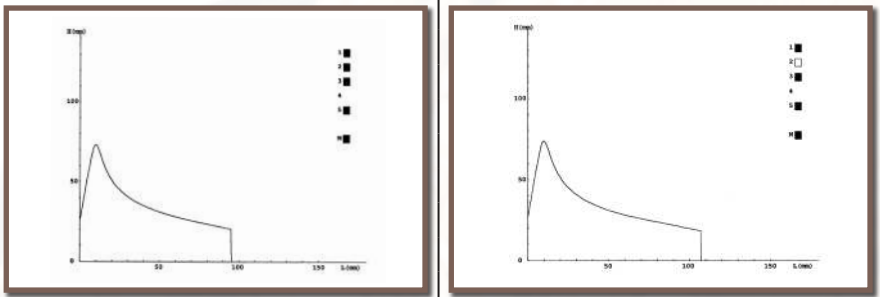
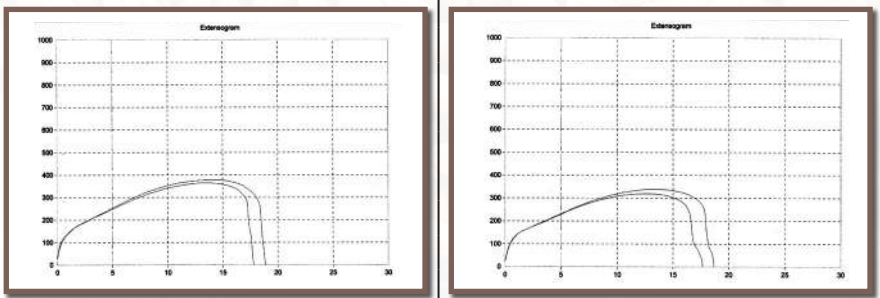
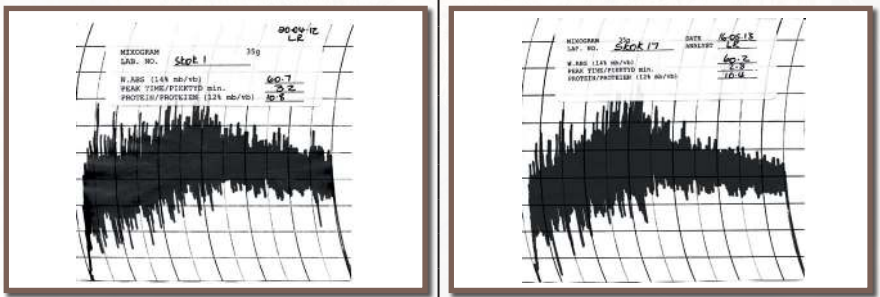




## RSA Crop Quality of 2011/2012 and 2012/2013 Seasons

Country of origin	RSA Crop Average 2011/2012							RSA Crop Average 2012/2013						
Class and Grade bread wheat	B1	B2	B3	B4	UT	COW	Average	B1	B2	B3	B4	UT	COW	Average
No. of samples	28	23	14	15	8	2	90	22	17	13	11	7	-	70
<b>ALVEOGRAM</b>														
Strength (S), cm <sup>2</sup>	41.7	34.6	29.4	29.8	33.7	30.4	35.0	43.1	35.1	32.6	31.8	36.5	-	36.7
Stability (P), mm	85	83	80	79	82	78	82	86	81	90	91	86	-	86
Distensibility (L), mm	112	94	86	89	96	86	98	120	109	90	84	104	-	105
P/L	0.79	0.92	0.97	0.97	0.90	0.90	0.89	0.77	0.80	1.23	1.34	0.89	-	0.96
														
<b>EXTENSOGRAM</b>														
Strength, cm <sup>2</sup>	110	87	72	74	86	82	90	102	82	72	70	85	-	84
Max. height, BU	379	337	294	311	349	315	340	365	313	299	308	320	-	325
Extensibility, mm	211	184	174	170	175	183	188	204	189	171	159	190	-	185
														
<b>MIXOGRAM</b>														
Peak time, min	2.9	3.0	2.8	3.1	3.3	3.2	3.0	2.9	2.6	2.9	3.0	2.7	-	2.8
Absorption, %	61.9	60.4	59.4	59.4	60.6	59.5	60.5	61.8	60.7	59.5	59.5	60.9	-	60.6
														
<b>MYCOTOXINS</b>														
	UPLC-MS/MS							UPLC-MS/MS						
Afla G <sub>1</sub> (µg/kg)	ND							ND						
Afla B <sub>1</sub> (µg/kg)	ND							ND						
Afla G <sub>2</sub> (µg/kg)	ND							ND						
Afla B <sub>2</sub> (µg/kg)	ND							ND						
Fum B <sub>1</sub> (µg/kg)	ND							ND						
Fum B <sub>2</sub> (µg/kg)	ND							ND						
Deoxynivalenol (µg/kg) [max. value]	<LOQ [119]							<LOQ [380]						
Ochratoxin A (µg/kg)	ND							ND						
Zearalenone (µg/kg)	ND							ND						
T-2 Toxin (µg/kg)	ND							ND						
<b>No. of samples</b>	<b>40</b>							<b>40</b>						