Table 3: South African Sorghum Crop Quality Averages 2020/21 season										
Class and grade sorghum		GM					GH			
		GM1	GM2	GM3	COS	Weighted Average	GH1	GH2	COS	Weighted Average
Grading										
Foreign matter, %		0.52	1.83	1.94	0.35	0.78	0.36	2.78	3.50	0.86
Unthreshed sorghum, %		0.52	2.08	1.05	1.00	0.76	0.60	2.30	2.52	0.93
Defective sorghum, %		0.82	0.71	1.25	0.86	0.86	0.70	2.30	0.50	0.83
Small kernel sorghum, %		0.97	1.33	0.95	1.94	1.07	1.15	2.92	0.62	1.26
Total defective sorghum and small kernel sorghum, %		1.80	2.03	2.20	2.80	1.93	1.85	5.22	1.12	2.09
Sorghum of another group, %		0.15	0.60	2.54	37.95	2.95	0.22	0.00	0.40	0.22
White sorghum, %		0.06	0.00	2.67	0.00	0.31	0.00	0.00	0.00	0.00
Total of sorghum of another group and white sorghum, %		0.20	0.60	5.21	37.95	3.26	0.22	0.00	0.00	0.18
Weather-stained sorghum, %		1.32	0.56	0.41	0.85	1.12	0.29	0.00	0.10	0.24
Physical parameters										
Test weight, kg/hl		79.2	73.6	76.5	79.5	78.4	77.4	61.1	71.8	75.4
1000 Kernel Mass, g (14% moisture base)		27.6	24.7	27.0	28.5	27.3	26.3	25.3	26.9	26.2
# Image analysis	Length, mm	4.44	4.49	4.50	4.25	4.44	4.17	4.26	4.30	4.19
	Standard Deviation	0.27	0.26	0.29	0.31	0.28	0.24	0.28	0.23	0.24
	Width, mm	3.85	3.87	3.81	3.79	3.84	3.78	3.83	3.83	3.79
	Standard Deviation	0.20	0.20	0.20	0.23	0.20	0.19	0.19	0.16	0.19
	Elongation, %	87	86	85	89	87	91	90	89	91
	Standard Deviation	5.0	4.7	5.1	5.5	5.0	4.5	4.9	4.4	4.5
	Surface Area, %	70	71	70	68	70	67	68	69	67
	Standard Deviation	3.5	3.5	3.7	4.1	3.6	3.3	3.6	2.9	3.3
Chemical composition										
Moisture, %		11.3	11.5	11.0	11.3	11.3	11.5	13.6	13.0	11.8
Protein, % (db)		10.8	10.9	10.1	10.8	10.7	9.9	10.7	6.6	9.7
Starch content, % (db)		74.7	72.6	73.9	74.3	74.4	73.6	73.3	76.3	73.8
Hunterlab colour (fraction of dehulled sample above the 1.8 mm slotted sieve milled on Retch mill through 0.5 mm sieve)	L	72.48	72.76	73.61	70.12	72.46	68.40	67.38	68.05	68.28
	a	4.83	4.92	4.39	4.90	4.80	4.94	4.91	5.35	4.98
	b	10.33	9.99	10.20	9.81	10.25	9.13	9.53	9.22	9.17
Number of samples		***22***	***3***	***3***	***2***	***30***	***9***	***1***	***1***	***11***