

SOUTH AFRICAN REGIONAL SOYBEAN QUALITY

PRODUCTION REGION	(10) Griqualand-West Region				(11) Vaalharts Region				(12) North-West Western Region			
Silo/Intake stands (Type of storage)	Douglas (Bags/Bins) Havenga Brug (Bins) Luckhoff (Bins) Marydale (Bins) Modderrivier (Bags/Bins/Bulk) Morgenzon (Bins) Oranjerivier (Bins/Bunkers) Prieska (Bins/Bunkers/Dams) Rietrivier (Bins) Trans Oranje (Bags/Bins/Bunkers)				Barkly-Wes (Bins/Bulk) Hartswater (Bins) Jan Kempdorp (Bags/Bins/Bunkers) Magogong (Bins)				Blaauwbank (Bins) Buhmannsdrif (Bins) Kameel (Bins) Mareetsane (Bins) Vryburg (Bins)			
<u>Grading:</u>	ave	min	max	stdev	ave	min	max	stdev	ave	min	max	stdev
(a) Wet pods, %	0.00	-	-	-	0.00	0.00	0.00	0.00	0.00	-	-	-
(b) Foreign matter, including stones, other grains, sunflower seeds and stones: Provided that such deviations are individually within the limits specified in items (c), (d), and (e), %	0.65	-	-	-	0.48	0.33	0.63	0.21	1.38	-	-	-
(c) Other grain, %	0.00	-	-	-	0.18	0.00	0.36	0.25	0.22	-	-	-
(d) Sunflower seed, %	0.00	-	-	-	0.00	0.00	0.00	0.00	0.17	-	-	-
(e) Stones, %	0.22	-	-	-	0.00	0.00	0.00	0.00	0.00	-	-	-
(f) Sclerotinia, %	0.14	-	-	-	0.04	0.00	0.08	0.06	0.00	-	-	-
(g) Soybeans and parts of Soybeans above the 1.8 mm slotted sieve which pass through the 4.75 mm round hole sieve, %	2.32	-	-	-	1.72	1.46	1.97	0.36	1.50	-	-	-
(h) Defective Soybeans on the 4.75 mm round hole sieve, %	2.69	-	-	-	1.65	1.55	1.74	0.13	2.75	-	-	-
(i) Soiled Soybeans, %	0.79	-	-	-	0.17	0.00	0.33	0.23	0.87	-	-	-
(j) Deviations in (b) and (f) collectively: Provided that such deviations are individually within the limits of said items, %	0.79	-	-	-	0.52	0.33	0.71	0.27	1.38	-	-	-
Poisonous seeds (<i>Crotalaria sp.</i> , <i>Datura sp.</i> , <i>Ricinis communis</i>)	0	-	-	-	0	0	0	0	0	-	-	-
Poisonous seeds (<i>Argemone mexicana L.</i> , <i>Convolvulus sp.</i> , <i>Ipomoea purpurea Roth.</i> , <i>Lolium temulentum</i> , <i>Xanthium sp.</i>)	1	-	-	-	0	0	0	0	0	-	-	-
Number of samples	1				2				1			
<u>Chemical analysis:</u>	ave	min	max	stdev	ave	min	max	stdev	ave	min	max	stdev
Moisture, % (17 hr, 103 °C)	8.3	-	-	-	6.5	6.4	6.5	0.07	7.7	-	-	-
Crude protein, % (db)	40.56	-	-	-	36.37	34.51	38.23	2.63	38.79	-	-	-
Crude fat, % (db)	19.6	-	-	-	19.8	19.7	19.8	0.07	19.4	-	-	-
Ash, % (db)	5.17	-	-	-	5.20	5.08	5.32	0.17	4.90	-	-	-
Crude Fibre, % (db)	7.4	-	-	-	7.6	6.8	8.4	1.13	7.1	-	-	-
Number of samples	1				2				1			

SOUTH AFRICAN REGIONAL SOYBEAN QUALITY

PRODUCTION REGION	(14) North-West Southern Region				(15) North-West South-Eastern Region				(16) North-West Central Eastern Region			
Silo/Intake stands (Type of storage)	Amalia (Bins) Barberspan (Bins) Delareyville (Bins) Excelsior (Bins) Geysdorp (Bins) Hallatshope (Bins) Migdol (Bins) Nooitgedacht (Bins) Taaibospan (Bins) Schweizer-Reneke (Bins)				Bloemhof (Bins) Christiana (Bins) Hertzogville (Bins) Hoopstand (Bins) Kingswood (Bins) Kruising (Bunkers) Poppieland (Bunkers)				Bamboesspruit (Bins) Leeudoringstad (Bins) Makwassie (Bins) Regina (Bins) Strydpoort (Bins) Wolmaransstad (Bins)			
<u>Grading:</u>	ave	min	max	stdev	ave	min	max	stdev	ave	min	max	stdev
(a) Wet pods, %	0.00	0.00	0.00	0.00	0.00	-	-	-	0.00	-	-	-
(b) Foreign matter, including stones, other grains, sunflower seeds and stones: Provided that such deviations are individually within the limits specified in items (c), (d), and (e), %	0.66	0.27	0.98	0.34	0.32	-	-	-	0.48	-	-	-
(c) Other grain, %	0.04	0.00	0.14	0.07	0.00	-	-	-	0.00	-	-	-
(d) Sunflower seed, %	0.01	0.00	0.03	0.02	0.00	-	-	-	0.02	-	-	-
(e) Stones, %	0.00	0.00	0.00	0.00	0.00	-	-	-	0.09	-	-	-
(f) Sclerotinia, %	0.00	0.00	0.00	0.00	0.00	-	-	-	0.00	-	-	-
(g) Soybeans and parts of Soybeans above the 1.8 mm slotted sieve which pass through the 4.75 mm round hole sieve, %	1.42	0.32	1.96	0.75	0.70	-	-	-	1.45	-	-	-
(h) Defective Soybeans on the 4.75 mm round hole sieve, %	2.15	1.54	2.82	0.57	0.79	-	-	-	1.66	-	-	-
(i) Soiled Soybeans, %	0.16	0.00	0.42	0.20	0.41	-	-	-	0.30	-	-	-
(j) Deviations in (b) and (f) collectively: Provided that such deviations are individually within the limits of said items, %	0.66	0.27	0.98	0.34	0.32	-	-	-	0.48	-	-	-
Poisonous seeds (<i>Crotalaria sp.</i> , <i>Datura sp.</i> , <i>Ricinis communis</i>)	0	0	0	0	0	-	-	-	0	-	-	-
Poisonous seeds (<i>Argemone mexicana L.</i> , <i>Convolvulus sp.</i> , <i>Ipomoea purpurea Roth.</i> , <i>Lolium temulentum</i> , <i>Xanthium sp.</i>)	0	0	0	0	0	-	-	-	0	-	-	-
Number of samples	4				1				1			
<u>Chemical analysis:</u>	ave	min	max	stdev	ave	min	max	stdev	ave	min	max	stdev
Moisture, % (17 hr, 103 °C)	7.8	7.1	8.4	0.63	7.7	-	-	-	7.0	-	-	-
Crude protein, % (db)	39.54	38.90	39.81	0.43	37.72	-	-	-	39.50	-	-	-
Crude fat, % (db)	20.9	19.7	21.9	1.05	20.5	-	-	-	19.1	-	-	-
Ash, % (db)	4.85	4.73	5.16	0.21	4.73	-	-	-	4.97	-	-	-
Crude Fibre, % (db)	6.4	4.6	8.8	1.97	7.9	-	-	-	7.7	-	-	-
Number of samples	4				1				1			

SOUTH AFRICAN REGIONAL SOYBEAN QUALITY

PRODUCTION REGION	(17) North-West Central Northern Region (Ottosdal)				(18) North-West Central Region (Ventersdorp)				(20) North-West Eastern Region			
Silo/Intake stands (Type of storage)	Boschpoort (Bags/Bins/Bulk) Hartbeesfontein (Bins) Kleinharts (Bins) Melliodora (Bins) Ottosdal (Bins) Rostrataville (Bins) Vermaas (Bins) Werda (Bins)				Bodenstein (Bins) Buckingham (Bins) Coligny (Bins) Enselspruit (Bins) Makokskraal (Bins) Potchefstroom (Bins) Ventersdorp (Bins)				Battery (Bins) Brits (Bins) Boons (Bins) Derby (Bins) Koster (Bins) Swartruggens (Bins) Syferbult (Bins)			
<u>Grading:</u>	ave	min	max	stdev	ave	min	max	stdev	ave	min	max	stdev
(a) Wet pods, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(b) Foreign matter, including stones, other grains, sunflower seeds and stones: Provided that such deviations are individually within the limits specified in items (c), (d), and (e), %	1.06	0.85	1.23	0.19	0.70	0.23	1.54	0.73	1.41	0.11	4.62	1.83
(c) Other grain, %	0.21	0.00	0.47	0.24	0.08	0.00	0.23	0.13	0.10	0.00	0.21	0.10
(d) Sunflower seed, %	0.04	0.01	0.09	0.04	0.03	0.00	0.08	0.05	0.00	0.00	0.01	0.00
(e) Stones, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.10	0.04
(f) Sclerotinia, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.13	0.06
(g) Soybeans and parts of Soybeans above the 1.8 mm slotted sieve which pass through the 4.75 mm round hole sieve, %	2.87	1.66	5.15	1.97	1.86	0.93	3.16	1.16	3.02	0.23	6.38	2.80
(h) Defective Soybeans on the 4.75 mm round hole sieve, %	2.50	1.85	2.83	0.56	1.97	1.46	2.70	0.65	1.72	1.22	2.26	0.47
(i) Soiled Soybeans, %	0.23	0.14	0.37	0.12	0.67	0.08	1.70	0.89	1.24	0.14	4.47	1.82
(j) Deviations in (b) and (f) collectively: Provided that such deviations are individually within the limits of said items, %	1.06	0.85	1.23	0.19	0.70	0.23	1.54	0.73	1.45	0.11	4.75	1.88
Poisonous seeds (<i>Crotalaria sp.</i> , <i>Datura sp.</i> , <i>Ricinis communis</i>)	0	0	0	0	0	0	0	0	0	0	0	0
Poisonous seeds (<i>Argemone mexicana L.</i> , <i>Convolvulus sp.</i> , <i>Ipomoea purpurea Roth.</i> , <i>Lolium temulentum</i> , <i>Xanthium sp.</i>)	0	0	0	0	0	0	0	0	0	0	1	0.45
Number of samples	3				3				5			
<u>Chemical analysis:</u>	ave	min	max	stdev	ave	min	max	stdev	ave	min	max	stdev
Moisture, % (17 hr, 103 °C)	7.2	6.7	7.8	0.55	7.0	6.5	8.0	0.84	7.3	7.1	7.5	0.15
Crude protein, % (db)	39.31	38.55	39.75	0.66	40.71	39.14	42.23	1.55	40.31	39.06	41.12	0.80
Crude fat, % (db)	19.6	17.8	20.8	1.59	18.8	17.7	19.3	0.92	20.8	19.9	21.8	0.86
Ash, % (db)	4.76	4.63	4.92	0.15	4.64	4.39	4.97	0.30	4.77	4.41	5.13	0.32
Crude Fibre, % (db)	6.2	5.0	6.9	1.07	6.4	6.0	6.7	0.36	5.2	4.3	7.8	1.45
Number of samples	3				3				5			

SOUTH AFRICAN REGIONAL SOYBEAN QUALITY

PRODUCTION REGION	(21) Free State North-Western Region (Viljoenskroon)				(22) Free State North-Western Region (Bothaville)				(23) Free State North-Western Region (Bultfontein)			
Silo/Intake stands (Type of storage)	Attie (Bins) Groenebloem (Bins) Heuningspruit (Bins) Koppies (Bins) Rooiwal (Bins) Vierfontein (Bins) Viljoenskroon (Bins) Vredefort (Bins) Weiveld (Bins)				Allanridge (Bins) Bothaville (Bins) Mirage (Bins) Odendaalsrus (Bins) Schoonspruit (Bins) Schuttendraai (Bins) Misgunst (Bunkers)				Bultfontein (Bins) Losdoorns (Bins) Protespan (Bins) Tierfontein (Bins) Wesselsbron (Bins) Willemsrus (Bins)			
<u>Grading:</u>	ave	min	max	stdev	ave	min	max	stdev	ave	min	max	stdev
(a) Wet pods, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-
(b) Foreign matter, including stones, other grains, sunflower seeds and stones: Provided that such deviations are individually within the limits specified in items (c), (d), and (e), %	0.68	0.58	0.81	0.12	0.43	0.32	0.54	0.11	0.63	-	-	-
(c) Other grain, %	0.22	0.00	0.46	0.23	0.11	0.00	0.34	0.20	0.37	-	-	-
(d) Sunflower seed, %	0.02	0.00	0.05	0.03	0.01	0.00	0.02	0.01	0.00	-	-	-
(e) Stones, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-
(f) Sclerotinia, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-
(g) Soybeans and parts of Soybeans above the 1.8 mm slotted sieve which pass through the 4.75 mm round hole sieve, %	1.51	0.61	2.44	0.92	1.46	1.26	1.62	0.18	3.24	-	-	-
(h) Defective Soybeans on the 4.75 mm round hole sieve, %	3.18	2.78	3.62	0.42	2.37	1.84	2.72	0.47	2.00	-	-	-
(i) Soiled Soybeans, %	0.83	0.64	1.02	0.19	0.73	0.06	1.68	0.85	0.17	-	-	-
(j) Deviations in (b) and (f) collectively: Provided that such deviations are individually within the limits of said items, %	0.68	0.58	0.81	0.12	0.43	0.32	0.54	0.11	0.63	-	-	-
Poisonous seeds (<i>Crotalaria sp.</i> , <i>Datura sp.</i> , <i>Ricinis communis</i>)	0	0	0	0	0	0	0	0	0	-	-	-
Poisonous seeds (<i>Argemone mexicana L.</i> , <i>Convolvulus sp.</i> , <i>Ipomoea purpurea Roth.</i> , <i>Lolium temulentum</i> , <i>Xanthium sp.</i>)	0	0	0	0	0	0	0	0	0	-	-	-
Number of samples	3				3				1			
<u>Chemical analysis:</u>	ave	min	max	stdev	ave	min	max	stdev	ave	min	max	stdev
Moisture, % (17 hr, 103 °C)	6.9	6.6	7.5	0.49	6.8	6.4	7.4	0.55	6.5	-	-	-
Crude protein, % (db)	38.42	37.61	39.63	1.07	38.03	37.22	38.51	0.71	38.13	-	-	-
Crude fat, % (db)	19.0	18.8	19.3	0.29	19.8	19.3	20.6	0.70	19.8	-	-	-
Ash, % (db)	4.85	4.77	4.96	0.10	4.77	4.73	4.82	0.05	4.85	-	-	-
Crude Fibre, % (db)	6.9	6.7	7.3	0.32	7.0	6.6	7.5	0.46	6.6	-	-	-
Number of samples	3				3				1			

SOUTH AFRICAN REGIONAL SOYBEAN QUALITY

PRODUCTION REGION	(24) Free State Central Region				(25) Free State South-Western Region				(26) Free State South-Eastern Region			
Silo/Intake stands (Type of storage)	Bloemfontein (Bins) Brandfort (Bins) De Brug (Bins) Geneva (Bins) Hennenman (Bins) Kroonstad (Bins) Petrusburg (Bins) Theunissen (Bins) Van Tonder (Bins) Welgeleë (Bins) Winburg (Bins)				Bethlehem (Bins) Clocolan (Bins) Ficksburg (Bins) Fouriesburg (Bins) Marseilles (Bins) Modderpoort (Bins) Slabberts (Bins) Tweespruit (Bins) Westminster (Bins)				Arlington (Bins) Kaallaagte (Bins) Libertas (Bins) Marquard (Bins) Meets (Bins) Monte Video (Bins) Senekal (Bins) Steynsrus (Bins)			
<u>Grading:</u>	ave	min	max	stdev	ave	min	max	stdev	ave	min	max	stdev
(a) Wet pods, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(b) Foreign matter, including stones, other grains, sunflower seeds and stones: Provided that such deviations are individually within the limits specified in items (c), (d), and (e), %	0.33	0.17	0.63	0.26	0.74	0.22	1.71	0.58	1.83	1.24	2.42	0.83
(c) Other grain, %	0.07	0.00	0.14	0.07	0.12	0.00	0.27	0.11	0.47	0.10	0.84	0.52
(d) Sunflower seed, %	0.00	0.00	0.00	0.00	0.02	0.00	0.14	0.05	0.09	0.04	0.14	0.07
(e) Stones, %	0.06	0.00	0.18	0.10	0.05	0.00	0.20	0.08	0.18	0.00	0.35	0.25
(f) Sclerotinia, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(g) Soybeans and parts of Soybeans above the 1.8 mm slotted sieve which pass through the 4.75 mm round hole sieve, %	3.56	1.84	4.55	1.49	1.98	0.00	4.21	1.58	3.20	2.51	3.89	0.98
(h) Defective Soybeans on the 4.75 mm round hole sieve, %	1.83	1.30	2.48	0.60	1.07	0.48	2.79	0.82	1.01	0.86	1.15	0.21
(i) Soiled Soybeans, %	0.07	0.00	0.22	0.13	0.19	0.00	0.53	0.24	0.07	0.00	0.14	0.10
(j) Deviations in (b) and (f) collectively: Provided that such deviations are individually within the limits of said items, %	0.33	0.17	0.63	0.26	0.74	0.22	1.71	0.58	1.83	1.24	2.42	0.83
Poisonous seeds (<i>Crotalaria sp.</i> , <i>Datura sp.</i> , <i>Ricinis communis</i>)	3	0	5	2.65	0	0	0	0	4	0	7	4.95
Poisonous seeds (<i>Argemone mexicana L.</i> , <i>Convolvulus sp.</i> , <i>Ipomoea purpurea Roth.</i> , <i>Lolium temulentum</i> , <i>Xanthium sp.</i>)	0	0	0	0	0	0	0	0	0	0	0	0
Number of samples	3				7				2			
<u>Chemical analysis:</u>	ave	min	max	stdev	ave	min	max	stdev	ave	min	max	stdev
Moisture, % (17 hr, 103 °C)	6.5	6.5	6.5	0.00	7.3	7.1	7.4	0.10	7.8	7.7	7.8	0.07
Crude protein, % (db)	36.43	34.83	38.57	1.93	38.51	35.34	40.47	1.71	38.38	37.25	39.50	1.59
Crude fat, % (db)	19.3	17.9	20.0	1.18	17.3	15.1	21.2	1.95	17.6	17.5	17.7	0.14
Ash, % (db)	5.09	4.77	5.28	0.28	4.75	4.53	4.89	0.13	4.73	4.70	4.75	0.04
Crude Fibre, % (db)	6.7	6.2	7.7	0.84	7.6	5.1	8.6	1.18	8.2	8.1	8.2	0.07
Number of samples	3				7				2			

SOUTH AFRICAN REGIONAL SOYBEAN QUALITY

PRODUCTION REGION	(27) Free State Northern Region				(28) Free State Eastern Region				(29) Mpumalanga Southern Region			
Silo/Intake stands (Type of storage)	Gottenburg (Bins) Heilbron (Bins) Hoogte (Bins) Mooigeleë (Bins) Petrus Steyn (Bins) Wolwehoek (Bins)				Afrikaskop (Bins/Bunkers) Ascent (Bins) Vrede (Bins) Cornelia (Bins) Warden (Bins) Daniëlsrus (Bins) Windfield (Bins) Eeram (Bins) Frankfort (Bins) Harrismith (Bins) Jim Fouché (Bins) Kransfontein (Bins/Bunkers) Memel (Bins) Reitz (Bins) Tweeling (Bins) Villiers (Bins/Bulk)				Balfour (Bins) Greylingstad (Bins) Grootvlei (Bins) Harvard (Bins) Holmdene (Bins) Leeuspruit (Bins) Platrand (Bins) Standerton (Bins) Val (Bins)			
<u>Grading:</u>	ave	min	max	stdev	ave	min	max	stdev	ave	min	max	stdev
(a) Wet pods, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(b) Foreign matter, including stones, other grains, sunflower seeds and stones: Provided that such deviations are individually within the limits specified in items (c), (d), and (e), %	0.63	0.43	1.01	0.33	0.73	0.05	6.38	1.39	0.61	0.12	1.10	0.35
(c) Other grain, %	0.11	0.00	0.22	0.11	0.02	0.00	0.29	0.07	0.04	0.00	0.44	0.13
(d) Sunflower seed, %	0.03	0.02	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01
(e) Stones, %	0.05	0.00	0.10	0.05	0.01	0.00	0.11	0.03	0.00	0.00	0.00	0.00
(f) Sclerotinia, %	0.00	0.00	0.00	0.00	0.01	0.00	0.10	0.02	0.02	0.00	0.20	0.06
(g) Soybeans and parts of Soybeans above the 1.8 mm slotted sieve which pass through the 4.75 mm round hole sieve, %	1.40	0.45	2.97	1.37	1.35	0.00	8.27	1.75	2.03	0.34	4.10	0.94
(h) Defective Soybeans on the 4.75 mm round hole sieve, %	1.57	0.74	2.79	1.08	1.66	0.40	5.15	1.08	2.98	0.84	4.36	1.16
(i) Soiled Soybeans, %	1.21	0.24	2.40	1.10	0.56	0.00	2.30	0.59	0.25	0.00	0.84	0.23
(j) Deviations in (b) and (f) collectively: Provided that such deviations are individually within the limits of said items, %	0.63	0.43	1.01	0.33	0.73	0.05	6.38	1.39	0.63	0.12	1.10	0.35
Poisonous seeds (<i>Crotalaria sp.</i> , <i>Datura sp.</i> , <i>Ricinis communis</i>)	0	0	0	0	0	0	3	0.67	0	0	0	0
Poisonous seeds (<i>Argemone mexicana L.</i> , <i>Convolvulus sp.</i> , <i>Ipomoea purpurea Roth.</i> , <i>Lolium temulentum</i> , <i>Xanthium sp.</i>)	0	0	0	0	0	0	0	0	0	0	2	0.62
Number of samples	3				20				12			
<u>Chemical analysis:</u>	ave	min	max	stdev	ave	min	max	stdev	ave	min	max	stdev
Moisture, % (17 hr, 103 °C)	6.9	6.4	7.7	0.72	6.6	6.3	7.8	0.32	6.6	6.4	7.2	0.26
Crude protein, % (db)	41.49	40.44	43.52	1.76	40.15	37.56	42.12	1.25	40.73	38.10	42.44	1.14
Crude fat, % (db)	18.3	17.4	19.1	0.85	20.0	17.9	22.6	1.33	18.3	17.1	20.0	0.80
Ash, % (db)	4.69	4.51	4.87	0.18	4.52	4.23	4.72	0.14	4.53	4.42	4.68	0.08
Crude Fibre, % (db)	5.8	4.8	6.4	0.87	5.4	4.4	6.1	0.49	6.9	4.7	7.9	0.96
Number of samples	3				20				12			

SOUTH AFRICAN REGIONAL SOYBEAN QUALITY

PRODUCTION REGION	(30) Mpumalanga Eastern Region				(31) Mpumalanga Central Region				(32) Mpumalanga Western Region			
Silo/Intake stands (Type of storage)	Amersfoort (Bins) Carolina (Bins) Davel (Bins) Eerstelingsfontein (Bunkers) Ermelo (Bins) Estancia (Bins) Lothair (Bins) Maizefield (Bins) Mkondo (Bins) Morgenzon (Bins) Overvaal (Bins) Sandspruit (Bunkers) Panbult (Bins)				Bakenlaagte (Bunkers) Brakfontein (Bunkers) Bethal (Bins) Devon (Bins) Kinross (Bins/Bunkers) Klipfontein (Bunkers) Leslie (Bins) Palmietfontein (Bunkers) Trichardt (Bins) Vaalkrantz (Bunkers)				Argent (Bins/Bunkers) Dryden (Bins) Endicott (Bins) Eloff (Bins) Hawerklip (Bins) Kendal (Bins) Ogies (Bins)			
<u>Grading:</u>	ave	min	max	stdev	ave	min	max	stdev	ave	min	max	stdev
(a) Wet pods, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(b) Foreign matter, including stones, other grains, sunflower seeds and stones: Provided that such deviations are individually within the limits specified in items (c), (d), and (e), %	0.66	0.10	1.90	0.42	1.07	0.18	2.77	0.63	0.84	0.49	1.42	0.29
(c) Other grain, %	0.17	0.00	2.30	0.51	0.18	0.00	1.57	0.45	0.09	0.00	0.26	0.10
(d) Sunflower seed, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(e) Stones, %	0.04	0.00	0.55	0.13	0.05	0.00	0.41	0.12	0.03	0.00	0.08	0.04
(f) Sclerotinia, %	0.00	0.00	0.02	0.00	0.02	0.00	0.11	0.04	0.05	0.00	0.18	0.06
(g) Soybeans and parts of Soybeans above the 1.8 mm slotted sieve which pass through the 4.75 mm round hole sieve, %	2.21	0.27	22.30	3.88	1.53	0.47	4.03	1.11	1.76	0.84	2.34	0.46
(h) Defective Soybeans on the 4.75 mm round hole sieve, %	2.21	0.62	4.98	1.05	1.67	1.08	2.51	0.38	1.55	0.46	2.81	0.85
(i) Soiled Soybeans, %	0.90	0.00	4.55	1.19	0.39	0.00	1.26	0.43	0.60	0.00	1.02	0.36
(j) Deviations in (b) and (f) collectively: Provided that such deviations are individually within the limits of said items, %	0.66	0.10	1.92	0.42	1.09	0.18	2.85	0.66	0.89	0.55	1.44	0.28
Poisonous seeds (<i>Crotalaria sp.</i> , <i>Datura sp.</i> , <i>Ricinis communis</i>)	0	0	2	0.37	0	0	0	0	1	0	4	1.46
Poisonous seeds (<i>Argemone mexicana L.</i> , <i>Convolvulus sp.</i> , <i>Ipomoea purpurea Roth.</i> , <i>Lolium temulentum</i> , <i>Xanthium sp.</i>)	0	0	2	0.53	0	0	3	0.89	4	0	16	6.50
Number of samples	30				12				8			
<u>Chemical analysis:</u>	ave	min	max	stdev	ave	min	max	stdev	ave	min	max	stdev
Moisture, % (17 hr, 103 °C)	6.6	6.1	8.0	0.46	7.4	6.5	7.9	0.54	7.2	6.6	7.7	0.37
Crude protein, % (db)	40.71	38.90	44.00	1.27	40.57	39.25	42.38	0.95	39.94	38.62	41.09	0.89
Crude fat, % (db)	19.3	16.6	21.8	1.51	18.5	16.6	20.7	1.05	17.9	16.9	19.0	0.86
Ash, % (db)	4.48	4.27	4.85	0.13	4.55	4.41	4.82	0.11	4.55	4.45	4.63	0.07
Crude Fibre, % (db)	5.8	4.5	8.0	1.07	6.8	5.1	8.6	1.10	7.3	6.8	8.0	0.40
Number of samples	30				12				8			

SOUTH AFRICAN REGIONAL SOYBEAN QUALITY

PRODUCTION REGION	(33) Mpumalanga Northern Region				(34) Gauteng				(35) Limpopo			
Silo/Intake stands (Type of storage)	Arnot (Bins) Driefontein (Bins) Lydenburg Bins Marble Hall (Bins) Middelburg (Bins) Pan (Bins) Stoffberg (Bins) Wonderfontein (Bins)				Bloekomspruit (Bins) Bronkhorstspruit (Bins) Glenroy (Bins) Goeie Hoek (Bins) Kaalfontein (Bins) Kliprivier (Bunkers) Meyerton (Bunkers) Middelvlei (Bins) Nigel (Bins) Oberholzer (Bins) Pretoria Wes (Bins) Raathsvlei (Bins) Vogelvallei (Bunkers)				Alma (Bins) Lehau (Bins) Naboomspruit (Mookgophong) (Bins) Northam (Bins) Nutfield (Bins) Nylstroom (Modimolle) (Bins) Potgietersrus (Mokopane) (Bins) Roedtan (Bins) Settlers (Bins) Warmbad (Bela-Bela) (Bins)			
<u>Grading:</u>	ave	min	max	stdev	ave	min	max	stdev	ave	min	max	stdev
(a) Wet pods, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(b) Foreign matter, including stones, other grains, sunflower seeds and stones: Provided that such deviations are individually within the limits specified in items (c), (d), and (e), %	1.09	0.20	4.07	0.99	0.79	0.30	1.66	0.51	2.46	0.67	4.24	2.52
(c) Other grain, %	0.09	0.00	0.38	0.13	0.19	0.00	0.64	0.23	2.03	0.30	3.75	2.44
(d) Sunflower seed, %	0.00	0.00	0.01	0.00	0.03	0.00	0.18	0.06	0.00	0.00	0.00	0.00
(e) Stones, %	0.10	0.00	0.88	0.26	0.01	0.00	0.06	0.03	0.00	0.00	0.00	0.00
(f) Sclerotinia, %	0.00	0.00	0.04	0.01	0.01	0.00	0.06	0.02	0.00	0.00	0.00	0.00
(g) Soybeans and parts of Soybeans above the 1.8 mm slotted sieve which pass through the 4.75 mm round hole sieve, %	0.91	0.11	2.10	0.70	1.76	0.61	3.39	1.06	0.67	0.58	0.76	0.13
(h) Defective Soybeans on the 4.75 mm round hole sieve, %	1.94	0.64	3.74	1.03	1.51	0.68	2.66	0.70	1.87	1.27	2.47	0.85
(i) Soiled Soybeans, %	1.92	0.00	10.80	3.29	1.26	0.00	4.56	2.01	1.43	0.45	2.40	1.38
(j) Deviations in (b) and (f) collectively: Provided that such deviations are individually within the limits of said items, %	1.09	0.20	4.11	1.00	0.80	0.30	1.66	0.51	2.46	0.67	4.24	2.52
Poisonous seeds (<i>Crotalaria sp.</i> , <i>Datura sp.</i> , <i>Ricinis communis</i>)	0	0	1	0.26	0	0	3	1.06	1	0	1	0.71
Poisonous seeds (<i>Argemone mexicana L.</i> , <i>Convolvulus sp.</i> , <i>Ipomoea purpurea Roth.</i> , <i>Lolium temulentum</i> , <i>Xanthium sp.</i>)	0	0	1	0.26	0	0	0	0	0	0	0	0
Number of samples	15				8				2			
<u>Chemical analysis:</u>	ave	min	max	stdev	ave	min	max	stdev	ave	min	max	stdev
Moisture, % (17 hr, 103 °C)	7.6	7.1	8.2	0.37	7.3	6.5	8.0	0.43	8.5	7.1	9.9	1.98
Crude protein, % (db)	39.84	37.88	42.14	1.17	39.74	38.18	41.03	1.12	36.16	31.68	40.63	6.33
Crude fat, % (db)	20.2	18.2	21.2	0.84	18.9	17.6	20.4	1.08	23.6	21.1	26.1	3.54
Ash, % (db)	4.76	4.37	5.19	0.27	4.58	4.37	4.72	0.11	5.21	4.89	5.52	0.45
Crude Fibre, % (db)	6.2	4.5	7.6	0.96	7.0	5.9	7.7	0.50	4.9	4.6	5.2	0.42
Number of samples	15				8				2			