

**SOUTH AFRICAN  
REGIONAL SOYBEAN QUALITY**

PRODUCTION REGION	(11) Vaalharts				(13) North West Central Region (Sannieshof)				(15) North-West South-Eastern Region			
	Barkly-West Hartswater Jan Kemp Magogong Taung				Biesiesvlei Bossies Gerdau Oppaslaagte Sannieshof				Bloemhof Christiana Hertzogville Hoopstad Kingswood			
Intake silos												
<b><u>Grading:</u></b>	<b>ave</b>	<b>min</b>	<b>max</b>	<b>stdev</b>	<b>ave</b>	<b>min</b>	<b>max</b>	<b>stdev</b>	<b>ave</b>	<b>min</b>	<b>max</b>	<b>stdev</b>
(A) Wet pods, %	0.00	-	-	-	0.04	-	-	-	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), %	0.08	-	-	-	0.20	-	-	-	0.34	0.16	0.52	0.25
(C) Other grain, %	0.00	-	-	-	0.00	-	-	-	0.04	0.00	0.08	0.06
(D) Sunflower seed, %	0.00	-	-	-	0.00	-	-	-	0.00	0.00	0.00	0.00
(E) Stones, %	0.00	-	-	-	0.00	-	-	-	0.00	0.00	0.00	0.00
(F) Sclerotinia, %	0.00	-	-	-	0.00	-	-	-	0.02	0.00	0.04	0.03
(G) Soybeans and parts of Soybeans which pass through the 4.75 mm round hole screen, %	0.24	-	-	-	2.62	-	-	-	1.18	0.24	2.12	1.33
(H) Defective Soybeans on the 4.75 mm round hole screen, %	2.92	-	-	-	8.06	-	-	-	3.78	3.48	4.08	0.42
(I) Soiled Soybeans, %	1.04	-	-	-	0.32	-	-	-	0.10	0.00	0.20	0.14
(J) Deviations in (b) and (f) collectively: Provided that such deviations are individually within the limits of said items, %	0.08	-	-	-	0.20	-	-	-	0.36	0.20	0.52	0.23
Noxious seeds ( <i>Crotalaria sp.</i> , <i>Datura sp.</i> , <i>Ricinis communis</i> )	0	-	-	-	0	-	-	-	0	0	0	0
Noxious 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
<b>Number of samples</b>	<b>1</b>				<b>1</b>				<b>2</b>			
<b><u>Chemical analysis:</u></b>	<b>ave</b>	<b>min</b>	<b>max</b>	<b>stdev</b>	<b>ave</b>	<b>min</b>	<b>max</b>	<b>stdev</b>	<b>ave</b>	<b>min</b>	<b>max</b>	<b>stdev</b>
Moisture, % (17hr, 103 °C)	6.4	-	-	-	6.6	-	-	-	6.5	6.5	6.6	0.1
Protein, % (db)	36.79	-	-	-	38.81	-	-	-	40.89	39.31	42.46	2.23
Fat, % (db)	20.4	-	-	-	19.9	-	-	-	19.4	18.6	20.1	1.1
Ash, % (db)	5.34	-	-	-	4.79	-	-	-	4.97	4.89	5.04	0.11
<b>Number of samples</b>	<b>1</b>				<b>1</b>				<b>2</b>			

**SOUTH AFRICAN  
REGIONAL SOYBEAN QUALITY**

PRODUCTION REGION	(17) North-West Central Northern Region (Ottosdal)				(18) North-West Central Region (Ventersdorp)				(19) North-West Central Region (Lichtenburg)			
	ave	min	max	stdev	ave	min	max	stdev	ave	min	max	stdev
Intake silos	Bospoort Lethabong (Hartbeesfontein) Kleinharts Melliodora Ottosdal Rostrataville Vermaas Werda				Bodenstein Buckingham Coligny Enselspruit Makokskraal Potchefstroom Ventersdorp				Grootpan Halfpad Hibernia Lichtenburg Lottiehalte Lusthof			
<b><u>Grading:</u></b>												
(A) Wet pods, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	-	-	-
(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), %	0.31	0.08	0.54	0.33	0.21	0.08	0.34	0.18	1.54	-	-	-
(C) Other grain, %	0.15	0.00	0.30	0.21	0.00	0.00	0.00	0.00	1.20	-	-	-
(D) Sunflower seed, %	0.00	0.00	0.00	0.00	0.02	0.00	0.04	0.03	0.10	-	-	-
(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 which pass through the 4.75 mm round hole screen, %	2.54	2.48	2.60	0.08	1.30	0.10	2.50	1.70	3.00	-	-	-
(H) Defective Soybeans on the 4.75 mm round hole screen, %	7.02	6.12	7.92	1.27	9.66	7.32	12.00	3.31	5.50	-	-	-
(I) Soiled Soybeans, %	0.39	0.24	0.54	0.21	1.46	0.40	2.52	1.50	23.20	-	-	-
(J) Deviations in (b) and (f) collectively: Provided that such deviations are individually within the limits of said items, %	0.31	0.08	0.54	0.33	0.21	0.08	0.34	0.18	1.54	-	-	-
Noxious seeds ( <i>Crotalaria sp.</i> , <i>Datura sp.</i> , <i>Ricinus communis</i> )	0	0	0	0	0	0	0	0	38	-	-	-
Noxious 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	-	-	-
<b>Number of samples</b>	<b>2</b>				<b>2</b>				<b>1</b>			
<b><u>Chemical analysis:</u></b>												
Moisture, % (17hr, 103 °C)	7.2	6.7	7.6	0.6	6.6	6.4	6.8	0.3	7.6	-	-	-
Protein, % (db)	38.48	38.37	38.58	0.15	37.41	36.97	37.84	0.62	36.42	-	-	-
Fat, % (db)	21.1	20.9	21.3	0.3	19.1	18.5	19.7	0.9	22.8	-	-	-
Ash, % (db)	5.00	4.88	5.11	0.16	4.76	4.64	4.87	0.16	5.21	-	-	-
<b>Number of samples</b>	<b>2</b>				<b>2</b>				<b>1</b>			

**SOUTH AFRICAN  
REGIONAL SOYBEAN QUALITY**

PRODUCTION REGION	(20) North-West Eastern Region				(21) Free State North-Western Region (Viljoenskroon)				(24) Free State Central Region			
	Intake silos				Attie Groenebloem Heuningspruit Koppies Rooiwal Vierfontein Viljoenskroon Vredefort Weiveld				Bloemfontein Brandfort De Brug Geneva Hennenman Koffiefontein Kroonstad Petrusburg Theunissen Van Tonder			
	ave	min	max	stdev	ave	min	max	stdev	ave	min	max	stdev
<b><u>Grading:</u></b>												
(A) Wet pods, %	0.01	0.00	0.02	0.01	0.02	0.00	0.05	0.03	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), %	0.27	0.20	0.32	0.06	0.35	0.10	0.60	0.25	0.13	0.10	0.16	0.04
(C) Other grain, %	0.05	0.00	0.16	0.09	0.08	0.00	0.16	0.08	0.04	0.00	0.08	0.06
(D) Sunflower seed, %	0.05	0.00	0.08	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(E) Stones, %	0.00	0.00	0.00	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	0.00	0.00	0.00
(G) Soybeans and parts of Soybeans which pass through the 4.75 mm round hole screen, %	5.15	4.54	6.10	0.83	2.91	2.14	4.00	0.97	0.85	0.20	1.50	0.92
(H) Defective Soybeans on the 4.75 mm round hole screen, %	6.53	6.00	7.28	0.67	5.73	4.90	6.88	1.03	5.36	5.12	5.60	0.34
(I) Soiled Soybeans, %	4.37	0.74	7.08	3.27	0.24	0.08	0.54	0.26	0.76	0.00	1.52	1.07
(J) Deviations in (b) and (f) collectively: Provided that such deviations are individually within the limits of said items, %	0.27	0.20	0.32	0.06	0.35	0.10	0.60	0.25	0.13	0.10	0.16	0.04
Noxious 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
Noxious 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
<b>Number of samples</b>	<b>3</b>				<b>3</b>				<b>2</b>			
<b><u>Chemical analysis:</u></b>												
Moisture, % (17hr, 103 °C)	7.8	6.9	9.2	1.3	6.5	6.3	6.7	0.2	6.6	6.5	6.7	0.1
Protein, % (db)	38.64	37.06	39.85	1.43	38.30	35.60	39.77	2.34	36.11	34.91	37.30	1.69
Fat, % (db)	20.2	19.5	21.4	1.0	19.2	18.0	20.7	1.4	20.7	19.9	21.4	1.1
Ash, % (db)	4.72	4.48	5.15	0.37	4.79	4.66	4.90	0.12	5.21	4.98	5.43	0.32
<b>Number of samples</b>	<b>3</b>				<b>3</b>				<b>2</b>			

**SOUTH AFRICAN  
REGIONAL SOYBEAN QUALITY**

PRODUCTION REGION	(25) Free State South-Western Region (Bethlehem)				(26) Free State South-Eastern Region (Senekal)				(27) Free State Northern Region			
	ave	min	max	stdev	ave	min	max	stdev	ave	min	max	stdev
Intake silos	Bethlehem Clocolan De Wetsdorp Ficksburg Fouriesburg Marseilles Modderpoort Slabberts Tweespruit Westminster Zastron				Arlington Kaallaagte Libertas Marquard Meets Monte Video Senekal Steynsrus				Gottenburg Heilbron Hoogte Mooigeleë Petrus Steyn Wolwehoek			
<b><u>Grading:</u></b>												
(A) Wet pods, %	0.00	0.00	0.01	0.00	0.01	0.00	0.03	0.01	0.02	-	-	-
(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), %	0.27	0.20	0.54	0.13	1.06	0.14	4.82	1.85	0.16	-	-	-
(C) Other grain, %	0.03	0.00	0.10	0.05	0.00	0.00	0.00	0.00	0.00	-	-	-
(D) Sunflower seed, %	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	-	-	-
(E) Stones, %	0.00	0.00	0.00	0.00	0.14	0.00	0.34	0.13	0.00	-	-	-
(F) Sclerotinia, %	0.00	0.00	0.00	0.00	0.01	0.00	0.06	0.02	0.00	-	-	-
(G) Soybeans and parts of Soybeans which pass through the 4.75 mm round hole screen, %	4.68	2.70	10.00	2.72	4.44	2.96	9.66	2.58	3.50	-	-	-
(H) Defective Soybeans on the 4.75 mm round hole screen, %	5.32	2.08	7.72	1.90	4.84	1.44	8.92	2.99	4.84	-	-	-
(I) Soiled Soybeans, %	0.22	0.00	1.00	0.39	0.30	0.00	1.12	0.43	0.00	-	-	-
(J) Deviations in (b) and (f) collectively: Provided that such deviations are individually within the limits of said items, %	0.27	0.20	0.54	0.13	1.07	0.14	4.88	1.87	0.16	-	-	-
Noxious seeds ( <i>Crotalaria sp.</i> , <i>Datura sp.</i> , <i>Ricinis communis</i> )	3	0	15	6.1	3	0	18	7.4	0	-	-	-
Noxious 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	2	0.8	0	-	-	-
<b>Number of samples</b>	<b>6</b>				<b>6</b>				<b>1</b>			
<b><u>Chemical analysis:</u></b>												
Moisture, % (17hr, 103 °C)	6.6	6.5	6.8	0.1	7.1	6.7	8.4	0.6	6.6	-	-	-
Protein, % (db)	37.22	32.60	39.52	2.73	37.42	31.45	39.99	3.04	38.36	-	-	-
Fat, % (db)	16.3	15.1	18.1	1.1	19.1	17.4	22.7	2.1	16.4	-	-	-
Ash, % (db)	4.76	4.50	5.13	0.24	4.78	4.37	5.28	0.30	4.53	-	-	-
<b>Number of samples</b>	<b>6</b>				<b>6</b>				<b>1</b>			

**SOUTH AFRICAN  
REGIONAL SOYBEAN QUALITY**

PRODUCTION REGION	(28) Free State Eastern Region				(29) Mpumalanga Southern Region				(30) Mpumalanga Eastern Region																
	Afrikaskop	Tweeling	Villiers	Warden	Balfour	Grootvlei	Holmdene	Platrand	Val	Greylingstad	Harvard	Leeuspruit	Standerton	Amersfoort	Overvaal	Badplaas	Panbult	Carolina	Davel	Ermelo	Estancia	Lothair	Maizefield	Mkondo	Morgenzon
Intake silos																									
<b>Grading:</b>	<b>ave</b>	<b>min</b>	<b>max</b>	<b>stdev</b>	<b>ave</b>	<b>min</b>	<b>max</b>	<b>stdev</b>	<b>ave</b>	<b>min</b>	<b>max</b>	<b>stdev</b>	<b>ave</b>	<b>min</b>	<b>max</b>	<b>stdev</b>	<b>ave</b>	<b>min</b>	<b>max</b>	<b>stdev</b>	<b>ave</b>	<b>min</b>	<b>max</b>	<b>stdev</b>	
(A) Wet pods, %	0.01	0.00	0.02	0.01	0.01	0.00	0.04	0.01	0.02	0.00	0.06	0.02	0.02	0.00	0.06	0.02									
(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	0.04	0.98	0.27	0.28	0.08	0.58	0.17	0.25	0.02	0.80	0.26													
(C) Other grain, %	0.15	0.00	0.46	0.14	0.10	0.00	0.36	0.13	0.02	0.00	0.10	0.04													
(D) Sunflower seed, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01													
(E) Stones, %	0.03	0.00	0.20	0.06	0.03	0.00	0.16	0.06	0.03	0.00	0.28	0.08													
(F) Sclerotinia, %	0.00	0.00	0.02	0.01	0.02	0.00	0.04	0.02	0.02	0.00	0.05	0.02													
(G) Soybeans and parts of Soybeans which pass through the 4.75 mm round hole screen, %	3.69	1.76	7.76	1.86	3.85	2.00	11.44	3.16	1.89	0.30	4.60	1.31													
(H) Defective Soybeans on the 4.75 mm round hole screen, %	6.45	4.44	8.56	1.30	3.71	1.72	7.56	2.08	7.27	4.20	9.60	1.56													
(I) Soiled Soybeans, %	0.75	0.00	7.60	2.28	0.15	0.00	0.84	0.29	1.92	0.08	6.76	1.89													
(J) Deviations in (b) and (f) collectively: Provided that such deviations are individually within the limits of said items, %	0.33	0.04	0.98	0.27	0.30	0.12	0.60	0.17	0.26	0.02	0.80	0.26													
Noxious seeds ( <i>Crotalaria sp.</i> , <i>Datura sp.</i> , <i>Ricinus communis</i> )	0	0	0	0	0	0	0	0	0	0	5	1.4													
Noxious 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	10	3.0	0	0	0	0	0	0	5	1.4													
<b>Number of samples</b>	<b>11</b>				<b>8</b>				<b>12</b>																
<b>Chemical analysis:</b>	<b>ave</b>	<b>min</b>	<b>max</b>	<b>stdev</b>	<b>ave</b>	<b>min</b>	<b>max</b>	<b>stdev</b>	<b>ave</b>	<b>min</b>	<b>max</b>	<b>stdev</b>	<b>ave</b>	<b>min</b>	<b>max</b>	<b>stdev</b>	<b>ave</b>	<b>min</b>	<b>max</b>	<b>stdev</b>	<b>ave</b>	<b>min</b>	<b>max</b>	<b>stdev</b>	
Moisture, % (17hr, 103 °C)	6.8	6.7	7.1	0.1	6.7	6.4	6.9	0.2	6.7	6.3	6.9	0.2													
Protein, % (db)	40.14	35.05	45.25	2.70	40.68	39.30	41.48	0.87	40.21	38.85	41.65	0.83													
Fat, % (db)	17.5	16.1	18.7	0.9	18.3	16.4	19.8	1.1	18.7	17.6	20.2	0.8													
Ash, % (db)	4.63	4.32	4.89	0.20	4.57	4.47	4.72	0.09	4.34	4.09	4.53	0.13													
<b>Number of samples</b>	<b>11</b>				<b>8</b>				<b>12</b>																

**SOUTH AFRICAN  
REGIONAL SOYBEAN QUALITY**

PRODUCTION REGION	(31) Mpumalanga Central Region				(32) Mpumalanga Western Region				(33) Mpumalanga Northern Region			
	ave	min	max	stdev	ave	min	max	stdev	ave	min	max	stdev
Intake silos	Betja; Kinross Trichardt Devon Leandra				Argent Dryden Endicott Elof Hawerklip Kendal Ogies				Driefontein Lydenburg Marble Hall Middelburg Stoffberg Pan Arnot Wonderfontein			
<b><u>Grading:</u></b>												
(A) Wet pods, %	0.02	0.00	0.04	0.02	0.08	0.00	0.52	0.18	0.00	0.00	0.02	0.01
(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), %	0.27	0.08	0.48	0.17	0.18	0.08	0.34	0.09	0.36	0.14	1.24	0.35
(C) Other grain, %	0.04	0.00	0.18	0.07	0.07	0.00	0.20	0.08	0.21	0.00	1.00	0.32
(D) Sunflower seed, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01
(E) Stones, %	0.09	0.00	0.24	0.12	0.01	0.00	0.04	0.02	0.02	0.00	0.12	0.04
(F) Sclerotinia, %	0.21	0.02	0.68	0.23	0.04	0.00	0.12	0.04	0.02	0.00	0.06	0.02
(G) Soybeans and parts of Soybeans which pass through the 4.75 mm round hole screen, %	4.01	0.42	10.00	3.23	1.66	0.40	3.42	1.28	2.58	1.38	3.52	0.75
(H) Defective Soybeans on the 4.75 mm round hole screen, %	5.11	3.10	7.64	1.47	6.48	2.24	11.80	3.30	5.62	1.58	8.14	1.90
(I) Soiled Soybeans, %	0.97	0.24	2.04	0.76	2.57	0.40	5.20	1.66	1.90	0.00	4.80	1.62
(J) Deviations in (b) and (f) collectively: Provided that such deviations are individually within the limits of said items, %	0.48	0.18	1.04	0.31	0.21	0.10	0.36	0.09	0.37	0.14	1.26	0.35
Noxious seeds ( <i>Crotalaria sp.</i> , <i>Datura sp.</i> , <i>Ricinus communis</i> )	0	0	0	0	0	0	0	0	0	0	1	0.32
Noxious 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	5	2.0	3	0	27	9.6	0	0	0	0
<b>Number of samples</b>	<b>7</b>				<b>8</b>				<b>10</b>			
<b><u>Chemical analysis:</u></b>												
Moisture, % (17hr, 103 °C)	6.7	6.5	6.9	0.2	6.7	6.4	7.0	0.2	6.7	6.4	6.9	0.2
Protein, % (db)	40.61	39.82	41.85	0.82	39.75	37.76	41.15	1.12	39.60	37.86	41.52	1.36
Fat, % (db)	19.1	18.0	20.9	1.0	18.6	17.5	19.5	0.8	18.1	15.6	20.2	1.4
Ash, % (db)	4.56	4.50	4.63	0.05	4.59	4.28	4.99	0.25	4.43	4.08	4.75	0.20
<b>Number of samples</b>	<b>7</b>				<b>8</b>				<b>10</b>			

**SOUTH AFRICAN  
REGIONAL SOYBEAN QUALITY**

PRODUCTION REGION	(34) Gauteng				(36) KwaZulu-Natal			
	ave	min	max	stdev	ave	min	max	stdev
Intake silos	Bloekomspruit Bronkhorstspruit Glenroy Goeie Hoek Kaalfontein Middelvlei Nigel Oberholzer Raarthsvei				Bergville Bloedrivier Dannhauser Dundee Mizpah New Amalfi Paulpietersburg Vryheid Winterton			
<b><u>Grading:</u></b>	<b>ave</b>	<b>min</b>	<b>max</b>	<b>stdev</b>	<b>ave</b>	<b>min</b>	<b>max</b>	<b>stdev</b>
(A) Wet pods, %	0.02	0.00	0.06	0.02	0.00	0.00	0.01	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), %	0.50	0.08	1.58	0.56	0.19	0.10	0.58	0.16
(C) Other grain, %	0.27	0.00	1.42	0.56	0.09	0.00	0.48	0.16
(D) Sunflower seed, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(E) Stones, %	0.06	0.00	0.34	0.14	0.00	0.00	0.02	0.01
(F) Sclerotinia, %	0.03	0.00	0.16	0.06	0.03	0.00	0.10	0.04
(G) Soybeans and parts of Soybeans which pass through the 4.75 mm round hole screen, %	3.62	0.88	9.40	3.05	1.81	0.10	3.30	1.09
(H) Defective Soybeans on the 4.75 mm round hole screen, %	7.13	3.42	11.40	2.86	5.48	1.16	9.88	2.87
(I) Soiled Soybeans, %	0.95	0.00	2.06	0.85	3.60	0.16	8.24	2.95
(J) Deviations in (b) and (f) collectively: Provided that such deviations are individually within the limits of said items, %	0.53	0.10	1.58	0.55	0.22	0.10	0.64	0.18
Noxious seeds ( <i>Crotalaria sp.</i> , <i>Datura sp.</i> , <i>Ricinus communis</i> )	0	0	0	0	0	0	0	0
Noxious 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	0.8	4	0	20	7.9
<b>Number of samples</b>	<b>6</b>				<b>8</b>			
<b><u>Chemical analysis:</u></b>	<b>ave</b>	<b>min</b>	<b>max</b>	<b>stdev</b>	<b>ave</b>	<b>min</b>	<b>max</b>	<b>stdev</b>
Moisture, % (17hr, 103 °C)	6.8	6.7	6.9	0.1	6.8	6.7	6.9	0.1
Protein, % (db)	39.93	38.18	41.72	1.15	40.01	39.10	41.24	0.80
Fat, % (db)	18.4	17.1	19.5	0.8	20.0	18.8	20.8	0.8
Ash, % (db)	4.59	4.43	4.81	0.17	4.55	4.05	4.76	0.24
<b>Number of samples</b>	<b>6</b>				<b>8</b>			