



Instructions to Judges and Stewards and Scale of Points for Visual (Subjective) Fleece Judging

November 2018

Issued by:

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Introduction

The National Council of Wool Selling Brokers of Australia (NCWSBA) has prepared this updated edition of instructions for fleece judging to assist judges and stewards in the **subjective** judging of fleeces at agricultural shows in Australia. The instructions and the revised scale of points for fleece judging have been updated to reflect current-day fleece weights and other measures for the Australian wool industry. These instructions and scale of points are designed to reflect, from a breeding perspective, the most desirable characteristics of wool judged subjectively and which are commercially relevant. The aim to ensure a consistent basis for fleece judging around Australia to provide information to exhibitors, wool producers and the industry.

The schedule provides subjective assessment criteria which the NCWSBA considers provides the suitable basis for fleece judging competitions around Australia.

NCWSBA will undertake further work in 2019 with the intention of releasing a further update in the second half of 2019.

Judging Adult Fleece Wool

Recommendations to Judges

1. Judges must be satisfied that all fleeces are exhibited in their correct classes and the unskirted or insufficiently skirted fleece will be correctly skirted under direction of the Chief Steward or Supervisor in charge.
2. The product tables are drawn up to simplify the Judges' and Stewards' work and create standardisation throughout Australia. Maximum weights and yields listed for each section are designed to cover the general: maximum weights may be exceeded. As this would occur on only limited occasions, it is recommended that no additional points to the maximum (i.e. 30) be allowed for the product. Yield is to be based on Schlumberger dry combing yield.
3. Judges' attention is drawn to the fact that at most shows, fleeces are to be inspected by the public after judging and any undue handling by the Judges adds to the difficulty of attractively displaying the fleeces.
4. Judges should ask the Stewards to remove any name tags which would indicate the identity of the owner before judging commences. The only means of identification should be the exhibit card approved by the Society conducting the competition.
5. If any person makes comment to a Judge as to the identity of an exhibit in the sections before all awards have been made, the Judge should draw the attention of the Steward in charge of the section of that fact.
6. Where the rules of the Society conducting the exhibit permit open class competition, all fleeces must be judged and points allotted in keeping with the various sections to which they would normally apply.
7. No championship award need be made if, in the opinion of the Chief Judge, the standard does not warrant a championship being awarded.
8. When judging group classes of fleeces (i.e. pairs, triples or other), they are to be judged as one unit.
9. Faults identified according to AWEX-ID (such as fribs, skin etc) should be noted on the score card and the score adjusted accordingly.

Scale of Points for Judging Adult Fleece Wool

A maximum of 100 points may be allocated by the Judges. Of this maximum total, Judges may award points based on the allocation set down in the tables below. No half points to be awarded.

Table 1: Adult fleece points allocation

1	Clean Fleece Weights (maximum 30 points)	Actual clean fleece weight. Refer to the Appendix for conversion of greasy weight to clean based on the assessed or measured yields (pages 21 to 31) and then Tables 2 to 14 for the allocation of points for each fleece type.
2	Trueness to type (max 10 points)	Possessing the most desirable characteristics of the breed against the AWEX-ID: MF1 (choice) 10 points MF2 (Superior/Best Spinners) 9 points MF3 (Spinners) 8 points MF4 (Best Topmaking) 7 points MF5 (Good Topmaking) 6 points MF6 (Average Topmaking) 5 points MF7 (Inferior Topmaking) 4 points
3	Uniformity of Length (max 10 points)	The desired uniformity of length throughout the entire fleece as it stands
4	Soundness (max 10 points)	Sufficient tensile strength to give the best results during combing
5	Handle (max 10 points)	The softness and pliancy necessary for outstanding results in spinning
6	Colour or Bloom (max 10 points)	Possession of those characteristics for top grading from a style perspective
7	Character and Style (max 10 points)	Even and well-defined crimp from base to tip
8	Evenness (max 10 points)	The regularity across the fleece

Recommendations to Stewards

1. All fleeces should be unpacked and checked for the absence of skirtings, unskirted or insufficiently skirted fleeces. Such fleeces will be correctly skirted under the direction of the Chief Steward or Supervisor in Charge. Name tags must be removed and fleeces weighed and placed in the appropriate class before judging.
2. Where possible, scales used for weighing should be tested for accuracy and calibrated.
3. The points for clean fleece weight will be determined by the Stewards after applying the yield as given by the Judges, or as determined by tested results, to the weight of the fleece, and referring to the point scales of the various sections detailed in pages 7 to 19.
4. Weight of the greasy fleece shall be taken to the nearest 100 grams.
5. A Steward is required to call the maximum points, e.g. soundness 10 points, and record the Judge's points allocation throughout the judging. All Stewards should endeavour to prevent any undue noise during judging, as judging on a points basis may cause errors if the Steward recording the Judges' allocation of points is having difficulty in hearing the Judge.
6. Stewards should make every effort to see that no person makes any comment on the merits of an exhibit of the identity of the owner or an exhibit until all awards have been made.
7. Any Society wishing to adopt the NCWSBA's judging method may obtain a copy of the document on application to the NCWSBA office at the address, phone or email listed on the cover page. Societies are reminded that it is not necessary to adopt all classes as shown in this booklet as they may not be applicable to the particular area.
8. A ready-reckoner for converting greasy weight to clean weight product is included as Tables in the Appendix starting on page 24.

Recommended Judging Categories

Category	Count
Ultrafine Merino ram's wool	Finer than 80s
Ultrafine Merino ewe's or wether's wool	Finer than 80s
Superfine Merino ram's wool	80s/74s
Superfine Merino ewe's or wether's wool	80s/74s
Fine Merino ram's wool	70s
Fine Merino ewe's or wether's wool	70s
Medium Merino ram's wool	62s/64s
Medium Merino ewe's or wether's wool	62s/64s
Strong Merino ram's wool	60s
Strong Merino ewe's or wether's wool	60s
Extra strong Merino ram's wool	58s or lower
Extra strong Merino ewe's or wether's wool	58s or lower
Polwarth ram's wool	60s
Polwarth ewe's or wether's wool	60s
Corriedale Merino ram's wool	58/50s
Corriedale Merino ewe's or wether's wool	58/50s
Romney Marsh wool	46s
Border Leicester wool	46s
Lincoln wool	
Downs wool	
Fine Comeback wool	60/64s
Comeback wool	58s or lower
Fine crossbred wool	56s
Medium crossbred wool	54s/50s
Strong crossbred wool	48s and lower

When considering the breed categories, judges could also refer to the AWEX Sheep Breed Compendium.

Allocation of Points for Top and Noil Product

Table 2: Ultrafine Merino

Points	Ram (kg clean weight)	Stud ewe (kg clean weight)	Ewe & wether (kg clean weight)
30	5.41	4.81	4.33
29	5.23	4.65	4.19
28	5.05	4.49	4.04
27	4.87	4.33	3.90
26	4.69	4.17	3.75
25	4.51	4.01	3.61
24	4.33	3.85	3.46
23	4.15	3.69	3.32
22	3.97	3.53	3.18
21	3.79	3.37	3.03
20	3.61	3.21	2.89
19	3.43	3.05	2.74
18	3.25	2.89	2.60
17	3.07	2.73	2.45
16	2.89	2.57	2.31
15	2.71	2.41	2.17
14	2.53	2.25	2.02
13	2.35	2.08	1.88
12	2.17	1.92	1.73
11	1.98	1.76	1.59
10	1.80	1.60	1.44
9	1.62	1.44	1.30
8	1.44	1.28	1.15
7	1.26	1.12	1.01
6	1.08	0.96	0.87
5	0.90	0.80	0.72
4	0.72	0.64	0.58
3	0.54	0.48	0.43
2	0.36	0.32	0.29
1	0.18	0.16	0.14

1 Point = 0.18 kg for a Ram, 0.16 kg for a Stud Ewe and 0.14 kg for a ewe or wether

Table 3: Superfine Merino

Points	Ram (kg clean weight)	Stud ewe (kg clean weight)	Ewe & wether (kg clean weight)
30	6.88	6.11	5.50
29	6.65	5.91	5.32
28	6.42	5.70	5.13
27	6.19	5.50	4.95
26	5.96	5.30	4.77
25	5.73	5.09	4.58
24	5.50	4.89	4.40
23	5.27	4.69	4.22
22	5.04	4.48	4.03
21	4.81	4.28	3.85
20	4.58	4.07	3.67
19	4.35	3.87	3.48
18	4.13	3.67	3.30
17	3.90	3.46	3.12
16	3.67	3.26	2.93
15	3.44	3.06	2.75
14	3.21	2.85	2.57
13	2.98	2.65	2.38
12	2.75	2.44	2.20
11	2.52	2.24	2.02
10	2.29	2.04	1.83
9	2.06	1.83	1.65
8	1.83	1.63	1.47
7	1.60	1.43	1.28
6	1.38	1.22	1.10
5	1.15	1.02	0.92
4	0.92	0.81	0.73
3	0.69	0.61	0.55
2	0.46	0.41	0.37
1	0.23	0.20	0.18

1 Point = 0.23 kg for a Ram, 0.20 kg for a Stud Ewe and 0.18 kg for a ewe or wether

Table 4: Fine Merino

Points	Ram (kg clean weight)	Stud ewe (kg clean weight)	Ewe & wether (kg clean weight)
30	8.13	7.22	6.50
29	7.85	6.98	6.28
28	7.58	6.74	6.07
27	7.31	6.50	5.85
26	7.04	6.26	5.63
25	6.77	6.02	5.42
24	6.50	5.78	5.20
23	6.23	5.54	4.98
22	5.96	5.30	4.77
21	5.69	5.06	4.55
20	5.42	4.81	4.33
19	5.15	4.57	4.12
18	4.88	4.33	3.90
17	4.60	4.09	3.68
16	4.33	3.85	3.47
15	4.06	3.61	3.25
14	3.79	3.37	3.03
13	3.52	3.13	2.82
12	3.25	2.89	2.60
11	2.98	2.65	2.38
10	2.71	2.41	2.17
9	2.44	2.17	1.95
8	2.17	1.93	1.73
7	1.90	1.69	1.52
6	1.63	1.44	1.30
5	1.35	1.20	1.08
4	1.08	0.96	0.87
3	0.81	0.72	0.65
2	0.54	0.48	0.43
1	0.27	0.24	0.22

1 Point = 0.27 kg for a Ram, 0.24 kg for a Stud Ewe and 0.22 kg for a ewe or wether

Table 5: Medium Merino

Points	Ram (kg clean weight)	Stud ewe (kg clean weight)	Ewe & wether (kg clean weight)
30	9.38	8.33	7.50
29	9.06	8.06	7.25
28	8.75	7.78	7.00
27	8.44	7.50	6.75
26	8.13	7.22	6.50
25	7.81	6.94	6.25
24	7.50	6.67	6.00
23	7.19	6.39	5.75
22	6.88	6.11	5.50
21	6.56	5.83	5.25
20	6.25	5.56	5.00
19	5.94	5.28	4.75
18	5.63	5.00	4.50
17	5.31	4.72	4.25
16	5.00	4.44	4.00
15	4.69	4.17	3.75
14	4.38	3.89	3.50
13	4.06	3.61	3.25
12	3.75	3.33	3.00
11	3.44	3.06	2.75
10	3.13	2.78	2.50
9	2.81	2.50	2.25
8	2.50	2.22	2.00
7	2.19	1.94	1.75
6	1.88	1.67	1.50
5	1.56	1.39	1.25
4	1.25	1.11	1.00
3	0.94	0.83	0.75
2	0.63	0.56	0.50
1	0.31	0.28	0.25

1 Point = 0.31 kg for a Ram, 0.28 kg for a Stud Ewe and 0.25 kg for a ewe or wether

Table 6: Strong Merino

Points	Ram (kg clean weight)	Stud ewe (kg clean weight)	Ewe & wether (kg clean weight)
30	10.25	9.11	8.20
29	9.91	8.81	7.93
28	9.57	8.50	7.65
27	9.23	8.20	7.38
26	8.88	7.90	7.11
25	8.54	7.59	6.83
24	8.20	7.29	6.56
23	7.86	6.99	6.29
22	7.52	6.68	6.01
21	7.18	6.38	5.74
20	6.83	6.07	5.47
19	6.49	5.77	5.19
18	6.15	5.47	4.92
17	5.81	5.16	4.65
16	5.47	4.86	4.37
15	5.13	4.56	4.10
14	4.78	4.25	3.83
13	4.44	3.95	3.55
12	4.10	3.64	3.28
11	3.76	3.34	3.01
10	3.42	3.04	2.73
9	3.08	2.73	2.46
8	2.73	2.43	2.19
7	2.39	2.13	1.91
6	2.05	1.82	1.64
5	1.71	1.52	1.37
4	1.37	1.21	1.09
3	1.03	0.91	0.82
2	0.68	0.61	0.55
1	0.34	0.30	0.27

1 Point = 0.34 kg for a Ram, 0.30 kg for a Stud Ewe and 0.27 kg for a ewe or wether

Table 7: Extra Strong Merino

Points	Ram (kg clean weight)	Stud ewe (kg clean weight)	Ewe & wether (kg clean weight)
30	11.00	9.78	8.80
29	10.63	9.45	8.51
28	10.27	9.13	8.21
27	9.90	8.80	7.92
26	9.53	8.47	7.63
25	9.17	8.15	7.33
24	8.80	7.82	7.04
23	8.43	7.50	6.75
22	8.07	7.17	6.45
21	7.70	6.84	6.16
20	7.33	6.52	5.87
19	6.97	6.19	5.57
18	6.60	5.87	5.28
17	6.23	5.54	4.99
16	5.87	5.21	4.69
15	5.50	4.89	4.40
14	5.13	4.56	4.11
13	4.77	4.24	3.81
12	4.40	3.91	3.52
11	4.03	3.59	3.23
10	3.67	3.26	2.93
9	3.30	2.93	2.64
8	2.93	2.61	2.35
7	2.57	2.28	2.05
6	2.20	1.96	1.76
5	1.83	1.63	1.47
4	1.47	1.30	1.17
3	1.10	0.98	0.88
2	0.73	0.65	0.59
1	0.37	0.33	0.29

1 Point = 0.37 kg for a Ram, 0.33 kg for a Stud Ewe and 0.29 kg for a ewe or wether

Table 8: Polwarth

Points	Ram (kg clean weight)	Ewe & wether (kg clean weight)
30	7.50	6.00
29	7.25	5.80
28	7.00	5.60
27	6.75	5.40
26	6.50	5.20
25	6.25	5.00
24	6.00	4.80
23	5.75	4.60
22	5.50	4.40
21	5.25	4.20
20	5.00	4.00
19	4.75	3.80
18	4.50	3.60
17	4.25	3.40
16	4.00	3.20
15	3.75	3.00
14	3.50	2.80
13	3.25	2.60
12	3.00	2.40
11	2.75	2.20
10	2.50	2.00
9	2.25	1.80
8	2.00	1.60
7	1.75	1.40
6	1.50	1.20
5	1.25	1.00
4	1.00	0.80
3	0.75	0.60
2	0.50	0.40
1	0.25	0.20

1 Point = 0.25 kg for a Ram and 0.20 kg for a ewe or wether

Table 9: Corriedale

Points	Ram (kg clean weight)	Ewe & wether (kg clean weight)
30	7.80	6.00
29	7.54	5.80
28	7.28	5.60
27	7.02	5.40
26	6.76	5.20
25	6.50	5.00
24	6.24	4.80
23	5.98	4.60
22	5.72	4.40
21	5.46	4.20
20	5.20	4.00
19	4.94	3.80
18	4.68	3.60
17	4.42	3.40
16	4.16	3.20
15	3.90	3.00
14	3.64	2.80
13	3.38	2.60
12	3.12	2.40
11	2.86	2.20
10	2.60	2.00
9	2.34	1.80
8	2.08	1.60
7	1.82	1.40
6	1.56	1.20
5	1.30	1.00
4	1.04	0.80
3	0.78	0.60
2	0.52	0.40
1	0.26	0.20

1 Point = 0.26 kg for a Ram and 0.20 kg for a ewe or wether

Table 10: Romney

Points	Ram (kg clean weight)	Ewe & wether (kg clean weight)
30	5.72	5.20
29	5.53	5.03
28	5.34	4.85
27	5.15	4.68
26	4.96	4.51
25	4.77	4.33
24	4.58	4.16
23	4.39	3.99
22	4.19	3.81
21	4.00	3.64
20	3.81	3.47
19	3.62	3.29
18	3.43	3.12
17	3.24	2.95
16	3.05	2.77
15	2.86	2.60
14	2.67	2.43
13	2.48	2.25
12	2.29	2.08
11	2.10	1.91
10	1.91	1.73
9	1.72	1.56
8	1.53	1.39
7	1.33	1.21
6	1.14	1.04
5	0.95	0.87
4	0.76	0.69
3	0.57	0.52
2	0.38	0.35
1	0.19	0.17

1 Point = 0.19 kg for a Ram and 0.17 kg for a ewe or wether

Table 11: Border Leicester

Points	Ram (kg clean weight)	Ewe & wether (kg clean weight)
30	5.72	5.20
29	5.53	5.03
28	5.34	4.85
27	5.15	4.68
26	4.96	4.51
25	4.77	4.33
24	4.58	4.16
23	4.39	3.99
22	4.19	3.81
21	4.00	3.64
20	3.81	3.47
19	3.62	3.29
18	3.43	3.12
17	3.24	2.95
16	3.05	2.77
15	2.86	2.60
14	2.67	2.43
13	2.48	2.25
12	2.29	2.08
11	2.10	1.91
10	1.91	1.73
9	1.72	1.56
8	1.53	1.39
7	1.33	1.21
6	1.14	1.04
5	0.95	0.87
4	0.76	0.69
3	0.57	0.52
2	0.38	0.35
1	0.19	0.17

1 Point = 0.19 kg for a Ram and 0.17 kg for a ewe or wether

Table 12: Lincoln

Points	Ram (kg clean weight)	Ewe & wether (kg clean weight)
30	8.36	7.60
29	8.08	7.35
28	7.80	7.09
27	7.52	6.84
26	7.25	6.59
25	6.97	6.33
24	6.69	6.08
23	6.41	5.83
22	6.13	5.57
21	5.85	5.32
20	5.57	5.07
19	5.29	4.81
18	5.02	4.56
17	4.74	4.31
16	4.46	4.05
15	4.18	3.80
14	3.90	3.55
13	3.62	3.29
12	3.34	3.04
11	3.07	2.79
10	2.79	2.53
9	2.51	2.28
8	2.23	2.03
7	1.95	1.77
6	1.67	1.52
5	1.39	1.27
4	1.11	1.01
3	0.84	0.76
2	0.56	0.51
1	0.28	0.25

1 Point = 0.28 kg for a Ram and 0.25 kg for a ewe or wether

Table 13: Downs Section

Points	Ewe & wether (kg clean weight)
30	3.00
29	2.90
28	2.80
27	2.70
26	2.60
25	2.50
24	2.40
23	2.30
22	2.20
21	2.10
20	2.00
19	1.90
18	1.80
17	1.70
16	1.60
15	1.50
14	1.40
13	1.30
12	1.20
11	1.10
10	1.00
9	0.90
8	0.80
7	0.70
6	0.60
5	0.50
4	0.40
3	0.30
2	0.20
1	0.10

1 Point = 0.10 kg

Table 14: Comeback and Crossbred

Points	Fine Comeback (kg cln wt)	Comeback (kg cln wt)	Fine Crossbred (kg cln wt)	Medium Crossbred (kg cln wt)	Strong Crossbred (kg cln wt)
30	4.70	5.10	5.50	5.72	5.90
29	4.54	4.93	5.32	5.53	5.70
28	4.39	4.76	5.13	5.34	5.51
27	4.23	4.59	4.95	5.15	5.31
26	4.07	4.42	4.77	4.96	5.11
25	3.92	4.25	4.58	4.77	4.92
24	3.76	4.08	4.40	4.58	4.72
23	3.60	3.91	4.22	4.39	4.52
22	3.45	3.74	4.03	4.19	4.33
21	3.29	3.57	3.85	4.00	4.13
20	3.13	3.40	3.67	3.81	3.93
19	2.98	3.23	3.48	3.62	3.74
18	2.82	3.06	3.30	3.43	3.54
17	2.66	2.89	3.12	3.24	3.34
16	2.51	2.72	2.93	3.05	3.15
15	2.35	2.55	2.75	2.86	2.95
14	2.19	2.38	2.57	2.67	2.75
13	2.04	2.21	2.38	2.48	2.56
12	1.88	2.04	2.20	2.29	2.36
11	1.72	1.87	2.02	2.10	2.16
10	1.57	1.70	1.83	1.91	1.97
9	1.41	1.53	1.65	1.72	1.77
8	1.25	1.36	1.47	1.53	1.57
7	1.10	1.19	1.28	1.33	1.38
6	0.94	1.02	1.10	1.14	1.18
5	0.78	0.85	0.92	0.95	0.98
4	0.63	0.68	0.73	0.76	0.79
3	0.47	0.51	0.55	0.57	0.59
2	0.31	0.34	0.37	0.38	0.39
1	0.16	0.17	0.18	0.19	0.20

1 Point = 0.16 kg for Fine Comeback; 0.17 kg for Comeback; 0.18 kg for Fine Crossbred; 0.19 kg for Medium Crossbred and 0.20 kg for Strong Crossbred

Judging Lambs' Wool

Scale of Points for Judging Lambs' Wool

A maximum of 100 points may be allocated by the Judges. Of this maximum total, Judges may award points based on the allocation set down in the tables below. No half points to be awarded.

Table 14: Lambs' wool points allocation

1	Trueness to type (max 10 points)	Possessing the most desirable characteristics of the breed.
2	Uniformity of Length (max 6 points)	The desired uniformity of length throughout the entire fleece as it stands
3	Soundness (max 6 points)	Sufficient tensile strength to give the best results during processing
4	Handle (max 16 points)	The softness and pliancy necessary for outstanding results in spinning
5	Colour or Bloom (max 16 points)	Possession of those characteristics for top grading from a style perspective
6	Character and Style (max 14 points)	Even and well-defined crimp from butt to tip
7	Density (max 6 points)	Compactness of growth, bulk and breadth of staple
8	Evenness (max 10 points)	The regularity of count
9	Yield % (max 20 points)	Likely yield of clean wool from the sample

Source: Royal Agricultural Society of Victoria

Appendix: Ready Reckoner for Conversion of Greasy to Clean Weight

YIELD (%)	GREASY WEIGHT (KG)									
	13.0	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.2	12.1
85%	11.05	10.97	10.88	10.80	10.71	10.63	10.54	10.46	10.37	10.29
84%	10.92	10.84	10.75	10.67	10.58	10.50	10.42	10.33	10.25	10.16
83%	10.79	10.71	10.62	10.54	10.46	10.38	10.29	10.21	10.13	10.04
82%	10.66	10.58	10.50	10.41	10.33	10.25	10.17	10.09	10.00	9.92
81%	10.53	10.45	10.37	10.29	10.21	10.13	10.04	9.96	9.88	9.80
80%	10.40	10.32	10.24	10.16	10.08	10.00	9.92	9.84	9.76	9.68
79%	10.27	10.19	10.11	10.03	9.95	9.88	9.80	9.72	9.64	9.56
78%	10.14	10.06	9.98	9.91	9.83	9.75	9.67	9.59	9.52	9.44
77%	10.01	9.93	9.86	9.78	9.70	9.63	9.55	9.47	9.39	9.32
76%	9.88	9.80	9.73	9.65	9.58	9.50	9.42	9.35	9.27	9.20
75%	9.75	9.68	9.60	9.53	9.45	9.38	9.30	9.23	9.15	9.08
74%	9.62	9.55	9.47	9.40	9.32	9.25	9.18	9.10	9.03	8.95
73%	9.49	9.42	9.34	9.27	9.20	9.13	9.05	8.98	8.91	8.83
72%	9.36	9.29	9.22	9.14	9.07	9.00	8.93	8.86	8.78	8.71
71%	9.23	9.16	9.09	9.02	8.95	8.88	8.80	8.73	8.66	8.59
70%	9.10	9.03	8.96	8.89	8.82	8.75	8.68	8.61	8.54	8.47
69%	8.97	8.90	8.83	8.76	8.69	8.63	8.56	8.49	8.42	8.35
68%	8.84	8.77	8.70	8.64	8.57	8.50	8.43	8.36	8.30	8.23
67%	8.71	8.64	8.58	8.51	8.44	8.38	8.31	8.24	8.17	8.11
66%	8.58	8.51	8.45	8.38	8.32	8.25	8.18	8.12	8.05	7.99
65%	8.45	8.39	8.32	8.26	8.19	8.13	8.06	8.00	7.93	7.87
64%	8.32	8.26	8.19	8.13	8.06	8.00	7.94	7.87	7.81	7.74
63%	8.19	8.13	8.06	8.00	7.94	7.88	7.81	7.75	7.69	7.62
62%	8.06	8.00	7.94	7.87	7.81	7.75	7.69	7.63	7.56	7.50
61%	7.93	7.87	7.81	7.75	7.69	7.63	7.56	7.50	7.44	7.38
60%	7.80	7.74	7.68	7.62	7.56	7.50	7.44	7.38	7.32	7.26
59%	7.67	7.61	7.55	7.49	7.43	7.38	7.32	7.26	7.20	7.14
58%	7.54	7.48	7.42	7.37	7.31	7.25	7.19	7.13	7.08	7.02
57%	7.41	7.35	7.30	7.24	7.18	7.13	7.07	7.01	6.95	6.90
56%	7.28	7.22	7.17	7.11	7.06	7.00	6.94	6.89	6.83	6.78
55%	7.15	7.10	7.04	6.99	6.93	6.88	6.82	6.77	6.71	6.66
54%	7.02	6.97	6.91	6.86	6.80	6.75	6.70	6.64	6.59	6.53
53%	6.89	6.84	6.78	6.73	6.68	6.63	6.57	6.52	6.47	6.41
52%	6.76	6.71	6.66	6.60	6.55	6.50	6.45	6.40	6.34	6.29
51%	6.63	6.58	6.53	6.48	6.43	6.38	6.32	6.27	6.22	6.17
50%	6.50	6.45	6.40	6.35	6.30	6.25	6.20	6.15	6.10	6.05



Instructions to Judges and Stewards and Scale of Points for Visual (Subjective) Fleece Judging

YIELD (%)	GREASY WEIGHT (KG)									
	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1
85%	10.20	10.12	10.03	9.95	9.86	9.78	9.69	9.61	9.52	9.44
84%	10.08	10.00	9.91	9.83	9.74	9.66	9.58	9.49	9.41	9.32
83%	9.96	9.88	9.79	9.71	9.63	9.55	9.46	9.38	9.30	9.21
82%	9.84	9.76	9.68	9.59	9.51	9.43	9.35	9.27	9.18	9.10
81%	9.72	9.64	9.56	9.48	9.40	9.32	9.23	9.15	9.07	8.99
80%	9.60	9.52	9.44	9.36	9.28	9.20	9.12	9.04	8.96	8.88
79%	9.48	9.40	9.32	9.24	9.16	9.09	9.01	8.93	8.85	8.77
78%	9.36	9.28	9.20	9.13	9.05	8.97	8.89	8.81	8.74	8.66
77%	9.24	9.16	9.09	9.01	8.93	8.86	8.78	8.70	8.62	8.55
76%	9.12	9.04	8.97	8.89	8.82	8.74	8.66	8.59	8.51	8.44
75%	9.00	8.93	8.85	8.78	8.70	8.63	8.55	8.48	8.40	8.33
74%	8.88	8.81	8.73	8.66	8.58	8.51	8.44	8.36	8.29	8.21
73%	8.76	8.69	8.61	8.54	8.47	8.40	8.32	8.25	8.18	8.10
72%	8.64	8.57	8.50	8.42	8.35	8.28	8.21	8.14	8.06	7.99
71%	8.52	8.45	8.38	8.31	8.24	8.17	8.09	8.02	7.95	7.88
70%	8.40	8.33	8.26	8.19	8.12	8.05	7.98	7.91	7.84	7.77
69%	8.28	8.21	8.14	8.07	8.00	7.94	7.87	7.80	7.73	7.66
68%	8.16	8.09	8.02	7.96	7.89	7.82	7.75	7.68	7.62	7.55
67%	8.04	7.97	7.91	7.84	7.77	7.71	7.64	7.57	7.50	7.44
66%	7.92	7.85	7.79	7.72	7.66	7.59	7.52	7.46	7.39	7.33
65%	7.80	7.74	7.67	7.61	7.54	7.48	7.41	7.35	7.28	7.22
64%	7.68	7.62	7.55	7.49	7.42	7.36	7.30	7.23	7.17	7.10
63%	7.56	7.50	7.43	7.37	7.31	7.25	7.18	7.12	7.06	6.99
62%	7.44	7.38	7.32	7.25	7.19	7.13	7.07	7.01	6.94	6.88
61%	7.32	7.26	7.20	7.14	7.08	7.02	6.95	6.89	6.83	6.77
60%	7.20	7.14	7.08	7.02	6.96	6.90	6.84	6.78	6.72	6.66
59%	7.08	7.02	6.96	6.90	6.84	6.79	6.73	6.67	6.61	6.55
58%	6.96	6.90	6.84	6.79	6.73	6.67	6.61	6.55	6.50	6.44
57%	6.84	6.78	6.73	6.67	6.61	6.56	6.50	6.44	6.38	6.33
56%	6.72	6.66	6.61	6.55	6.50	6.44	6.38	6.33	6.27	6.22
55%	6.60	6.55	6.49	6.44	6.38	6.33	6.27	6.22	6.16	6.11
54%	6.48	6.43	6.37	6.32	6.26	6.21	6.16	6.10	6.05	5.99
53%	6.36	6.31	6.25	6.20	6.15	6.10	6.04	5.99	5.94	5.88
52%	6.24	6.19	6.14	6.08	6.03	5.98	5.93	5.88	5.82	5.77
51%	6.12	6.07	6.02	5.97	5.92	5.87	5.81	5.76	5.71	5.66
50%	6.00	5.95	5.90	5.85	5.80	5.75	5.70	5.65	5.60	5.55



Instructions to Judges and Stewards and Scale of Points for Visual (Subjective) Fleece Judging

YIELD (%)	GREASY WEIGHT (KG)									
	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1
85%	9.35	9.27	9.18	9.10	9.01	8.93	8.84	8.76	8.67	8.59
84%	9.24	9.16	9.07	8.99	8.90	8.82	8.74	8.65	8.57	8.48
83%	9.13	9.05	8.96	8.88	8.80	8.72	8.63	8.55	8.47	8.38
82%	9.02	8.94	8.86	8.77	8.69	8.61	8.53	8.45	8.36	8.28
81%	8.91	8.83	8.75	8.67	8.59	8.51	8.42	8.34	8.26	8.18
80%	8.80	8.72	8.64	8.56	8.48	8.40	8.32	8.24	8.16	8.08
79%	8.69	8.61	8.53	8.45	8.37	8.30	8.22	8.14	8.06	7.98
78%	8.58	8.50	8.42	8.35	8.27	8.19	8.11	8.03	7.96	7.88
77%	8.47	8.39	8.32	8.24	8.16	8.09	8.01	7.93	7.85	7.78
76%	8.36	8.28	8.21	8.13	8.06	7.98	7.90	7.83	7.75	7.68
75%	8.25	8.18	8.10	8.03	7.95	7.88	7.80	7.73	7.65	7.58
74%	8.14	8.07	7.99	7.92	7.84	7.77	7.70	7.62	7.55	7.47
73%	8.03	7.96	7.88	7.81	7.74	7.67	7.59	7.52	7.45	7.37
72%	7.92	7.85	7.78	7.70	7.63	7.56	7.49	7.42	7.34	7.27
71%	7.81	7.74	7.67	7.60	7.53	7.46	7.38	7.31	7.24	7.17
70%	7.70	7.63	7.56	7.49	7.42	7.35	7.28	7.21	7.14	7.07
69%	7.59	7.52	7.45	7.38	7.31	7.25	7.18	7.11	7.04	6.97
68%	7.48	7.41	7.34	7.28	7.21	7.14	7.07	7.00	6.94	6.87
67%	7.37	7.30	7.24	7.17	7.10	7.04	6.97	6.90	6.83	6.77
66%	7.26	7.19	7.13	7.06	7.00	6.93	6.86	6.80	6.73	6.67
65%	7.15	7.09	7.02	6.96	6.89	6.83	6.76	6.70	6.63	6.57
64%	7.04	6.98	6.91	6.85	6.78	6.72	6.66	6.59	6.53	6.46
63%	6.93	6.87	6.80	6.74	6.68	6.62	6.55	6.49	6.43	6.36
62%	6.82	6.76	6.70	6.63	6.57	6.51	6.45	6.39	6.32	6.26
61%	6.71	6.65	6.59	6.53	6.47	6.41	6.34	6.28	6.22	6.16
60%	6.60	6.54	6.48	6.42	6.36	6.30	6.24	6.18	6.12	6.06
59%	6.49	6.43	6.37	6.31	6.25	6.20	6.14	6.08	6.02	5.96
58%	6.38	6.32	6.26	6.21	6.15	6.09	6.03	5.97	5.92	5.86
57%	6.27	6.21	6.16	6.10	6.04	5.99	5.93	5.87	5.81	5.76
56%	6.16	6.10	6.05	5.99	5.94	5.88	5.82	5.77	5.71	5.66
55%	6.05	6.00	5.94	5.89	5.83	5.78	5.72	5.67	5.61	5.56
54%	5.94	5.89	5.83	5.78	5.72	5.67	5.62	5.56	5.51	5.45
53%	5.83	5.78	5.72	5.67	5.62	5.57	5.51	5.46	5.41	5.35
52%	5.72	5.67	5.62	5.56	5.51	5.46	5.41	5.36	5.30	5.25
51%	5.61	5.56	5.51	5.46	5.41	5.36	5.30	5.25	5.20	5.15
50%	5.50	5.45	5.40	5.35	5.30	5.25	5.20	5.15	5.10	5.05



YIELD (%)	GREASY WEIGHT (KG)									
	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1
85%	8.50	8.42	8.33	8.25	8.16	8.08	7.99	7.91	7.82	7.74
84%	8.40	8.32	8.23	8.15	8.06	7.98	7.90	7.81	7.73	7.64
83%	8.30	8.22	8.13	8.05	7.97	7.89	7.80	7.72	7.64	7.55
82%	8.20	8.12	8.04	7.95	7.87	7.79	7.71	7.63	7.54	7.46
81%	8.10	8.02	7.94	7.86	7.78	7.70	7.61	7.53	7.45	7.37
80%	8.00	7.92	7.84	7.76	7.68	7.60	7.52	7.44	7.36	7.28
79%	7.90	7.82	7.74	7.66	7.58	7.51	7.43	7.35	7.27	7.19
78%	7.80	7.72	7.64	7.57	7.49	7.41	7.33	7.25	7.18	7.10
77%	7.70	7.62	7.55	7.47	7.39	7.32	7.24	7.16	7.08	7.01
76%	7.60	7.52	7.45	7.37	7.30	7.22	7.14	7.07	6.99	6.92
75%	7.50	7.43	7.35	7.28	7.20	7.13	7.05	6.98	6.90	6.83
74%	7.40	7.33	7.25	7.18	7.10	7.03	6.96	6.88	6.81	6.73
73%	7.30	7.23	7.15	7.08	7.01	6.94	6.86	6.79	6.72	6.64
72%	7.20	7.13	7.06	6.98	6.91	6.84	6.77	6.70	6.62	6.55
71%	7.10	7.03	6.96	6.89	6.82	6.75	6.67	6.60	6.53	6.46
70%	7.00	6.93	6.86	6.79	6.72	6.65	6.58	6.51	6.44	6.37
69%	6.90	6.83	6.76	6.69	6.62	6.56	6.49	6.42	6.35	6.28
68%	6.80	6.73	6.66	6.60	6.53	6.46	6.39	6.32	6.26	6.19
67%	6.70	6.63	6.57	6.50	6.43	6.37	6.30	6.23	6.16	6.10
66%	6.60	6.53	6.47	6.40	6.34	6.27	6.20	6.14	6.07	6.01
65%	6.50	6.44	6.37	6.31	6.24	6.18	6.11	6.05	5.98	5.92
64%	6.40	6.34	6.27	6.21	6.14	6.08	6.02	5.95	5.89	5.82
63%	6.30	6.24	6.17	6.11	6.05	5.99	5.92	5.86	5.80	5.73
62%	6.20	6.14	6.08	6.01	5.95	5.89	5.83	5.77	5.70	5.64
61%	6.10	6.04	5.98	5.92	5.86	5.80	5.73	5.67	5.61	5.55
60%	6.00	5.94	5.88	5.82	5.76	5.70	5.64	5.58	5.52	5.46
59%	5.90	5.84	5.78	5.72	5.66	5.61	5.55	5.49	5.43	5.37
58%	5.80	5.74	5.68	5.63	5.57	5.51	5.45	5.39	5.34	5.28
57%	5.70	5.64	5.59	5.53	5.47	5.42	5.36	5.30	5.24	5.19
56%	5.60	5.54	5.49	5.43	5.38	5.32	5.26	5.21	5.15	5.10
55%	5.50	5.45	5.39	5.34	5.28	5.23	5.17	5.12	5.06	5.01
54%	5.40	5.35	5.29	5.24	5.18	5.13	5.08	5.02	4.97	4.91
53%	5.30	5.25	5.19	5.14	5.09	5.04	4.98	4.93	4.88	4.82
52%	5.20	5.15	5.10	5.04	4.99	4.94	4.89	4.84	4.78	4.73
51%	5.10	5.05	5.00	4.95	4.90	4.85	4.79	4.74	4.69	4.64
50%	5.00	4.95	4.90	4.85	4.80	4.75	4.70	4.65	4.60	4.55

YIELD (%)	GREASY WEIGHT (KG)									
	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1
85%	7.65	7.57	7.48	7.40	7.31	7.23	7.14	7.06	6.97	6.89
84%	7.56	7.48	7.39	7.31	7.22	7.14	7.06	6.97	6.89	6.80
83%	7.47	7.39	7.30	7.22	7.14	7.06	6.97	6.89	6.81	6.72
82%	7.38	7.30	7.22	7.13	7.05	6.97	6.89	6.81	6.72	6.64
81%	7.29	7.21	7.13	7.05	6.97	6.89	6.80	6.72	6.64	6.56
80%	7.20	7.12	7.04	6.96	6.88	6.80	6.72	6.64	6.56	6.48
79%	7.11	7.03	6.95	6.87	6.79	6.72	6.64	6.56	6.48	6.40
78%	7.02	6.94	6.86	6.79	6.71	6.63	6.55	6.47	6.40	6.32
77%	6.93	6.85	6.78	6.70	6.62	6.55	6.47	6.39	6.31	6.24
76%	6.84	6.76	6.69	6.61	6.54	6.46	6.38	6.31	6.23	6.16
75%	6.75	6.68	6.60	6.53	6.45	6.38	6.30	6.23	6.15	6.08
74%	6.66	6.59	6.51	6.44	6.36	6.29	6.22	6.14	6.07	5.99
73%	6.57	6.50	6.42	6.35	6.28	6.21	6.13	6.06	5.99	5.91
72%	6.48	6.41	6.34	6.26	6.19	6.12	6.05	5.98	5.90	5.83
71%	6.39	6.32	6.25	6.18	6.11	6.04	5.96	5.89	5.82	5.75
70%	6.30	6.23	6.16	6.09	6.02	5.95	5.88	5.81	5.74	5.67
69%	6.21	6.14	6.07	6.00	5.93	5.87	5.80	5.73	5.66	5.59
68%	6.12	6.05	5.98	5.92	5.85	5.78	5.71	5.64	5.58	5.51
67%	6.03	5.96	5.90	5.83	5.76	5.70	5.63	5.56	5.49	5.43
66%	5.94	5.87	5.81	5.74	5.68	5.61	5.54	5.48	5.41	5.35
65%	5.85	5.79	5.72	5.66	5.59	5.53	5.46	5.40	5.33	5.27
64%	5.76	5.70	5.63	5.57	5.50	5.44	5.38	5.31	5.25	5.18
63%	5.67	5.61	5.54	5.48	5.42	5.36	5.29	5.23	5.17	5.10
62%	5.58	5.52	5.46	5.39	5.33	5.27	5.21	5.15	5.08	5.02
61%	5.49	5.43	5.37	5.31	5.25	5.19	5.12	5.06	5.00	4.94
60%	5.40	5.34	5.28	5.22	5.16	5.10	5.04	4.98	4.92	4.86
59%	5.31	5.25	5.19	5.13	5.07	5.02	4.96	4.90	4.84	4.78
58%	5.22	5.16	5.10	5.05	4.99	4.93	4.87	4.81	4.76	4.70
57%	5.13	5.07	5.02	4.96	4.90	4.85	4.79	4.73	4.67	4.62
56%	5.04	4.98	4.93	4.87	4.82	4.76	4.70	4.65	4.59	4.54
55%	4.95	4.90	4.84	4.79	4.73	4.68	4.62	4.57	4.51	4.46
54%	4.86	4.81	4.75	4.70	4.64	4.59	4.54	4.48	4.43	4.37
53%	4.77	4.72	4.66	4.61	4.56	4.51	4.45	4.40	4.35	4.29
52%	4.68	4.63	4.58	4.52	4.47	4.42	4.37	4.32	4.26	4.21
51%	4.59	4.54	4.49	4.44	4.39	4.34	4.28	4.23	4.18	4.13
50%	4.50	4.45	4.40	4.35	4.30	4.25	4.20	4.15	4.10	4.05

YIELD (%)	GREASY WEIGHT (KG)									
	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.3	7.2	7.1
85%	6.80	6.72	6.63	6.55	6.46	6.38	6.29	6.21	6.12	6.04
84%	6.72	6.64	6.55	6.47	6.38	6.30	6.22	6.13	6.05	5.96
83%	6.64	6.56	6.47	6.39	6.31	6.23	6.14	6.06	5.98	5.89
82%	6.56	6.48	6.40	6.31	6.23	6.15	6.07	5.99	5.90	5.82
81%	6.48	6.40	6.32	6.24	6.16	6.08	5.99	5.91	5.83	5.75
80%	6.40	6.32	6.24	6.16	6.08	6.00	5.92	5.84	5.76	5.68
79%	6.32	6.24	6.16	6.08	6.00	5.93	5.85	5.77	5.69	5.61
78%	6.24	6.16	6.08	6.01	5.93	5.85	5.77	5.69	5.62	5.54
77%	6.16	6.08	6.01	5.93	5.85	5.78	5.70	5.62	5.54	5.47
76%	6.08	6.00	5.93	5.85	5.78	5.70	5.62	5.55	5.47	5.40
75%	6.00	5.93	5.85	5.78	5.70	5.63	5.55	5.48	5.40	5.33
74%	5.92	5.85	5.77	5.70	5.62	5.55	5.48	5.40	5.33	5.25
73%	5.84	5.77	5.69	5.62	5.55	5.48	5.40	5.33	5.26	5.18
72%	5.76	5.69	5.62	5.54	5.47	5.40	5.33	5.26	5.18	5.11
71%	5.68	5.61	5.54	5.47	5.40	5.33	5.25	5.18	5.11	5.04
70%	5.60	5.53	5.46	5.39	5.32	5.25	5.18	5.11	5.04	4.97
69%	5.52	5.45	5.38	5.31	5.24	5.18	5.11	5.04	4.97	4.90
68%	5.44	5.37	5.30	5.24	5.17	5.10	5.03	4.96	4.90	4.83
67%	5.36	5.29	5.23	5.16	5.09	5.03	4.96	4.89	4.82	4.76
66%	5.28	5.21	5.15	5.08	5.02	4.95	4.88	4.82	4.75	4.69
65%	5.20	5.14	5.07	5.01	4.94	4.88	4.81	4.75	4.68	4.62
64%	5.12	5.06	4.99	4.93	4.86	4.80	4.74	4.67	4.61	4.54
63%	5.04	4.98	4.91	4.85	4.79	4.73	4.66	4.60	4.54	4.47
62%	4.96	4.90	4.84	4.77	4.71	4.65	4.59	4.53	4.46	4.40
61%	4.88	4.82	4.76	4.70	4.64	4.58	4.51	4.45	4.39	4.33
60%	4.80	4.74	4.68	4.62	4.56	4.50	4.44	4.38	4.32	4.26
59%	4.72	4.66	4.60	4.54	4.48	4.43	4.37	4.31	4.25	4.19
58%	4.64	4.58	4.52	4.47	4.41	4.35	4.29	4.23	4.18	4.12
57%	4.56	4.50	4.45	4.39	4.33	4.28	4.22	4.16	4.10	4.05
56%	4.48	4.42	4.37	4.31	4.26	4.20	4.14	4.09	4.03	3.98
55%	4.40	4.35	4.29	4.24	4.18	4.13	4.07	4.02	3.96	3.91
54%	4.32	4.27	4.21	4.16	4.10	4.05	4.00	3.94	3.89	3.83
53%	4.24	4.19	4.13	4.08	4.03	3.98	3.92	3.87	3.82	3.76
52%	4.16	4.11	4.06	4.00	3.95	3.90	3.85	3.80	3.74	3.69
51%	4.08	4.03	3.98	3.93	3.88	3.83	3.77	3.72	3.67	3.62
50%	4.00	3.95	3.90	3.85	3.80	3.75	3.70	3.65	3.60	3.55

YIELD (%)	GREASY WEIGHT (KG)									
	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1
85%	5.95	5.87	5.78	5.70	5.61	5.53	5.44	5.36	5.27	5.19
84%	5.88	5.80	5.71	5.63	5.54	5.46	5.38	5.29	5.21	5.12
83%	5.81	5.73	5.64	5.56	5.48	5.40	5.31	5.23	5.15	5.06
82%	5.74	5.66	5.58	5.49	5.41	5.33	5.25	5.17	5.08	5.00
81%	5.67	5.59	5.51	5.43	5.35	5.27	5.18	5.10	5.02	4.94
80%	5.60	5.52	5.44	5.36	5.28	5.20	5.12	5.04	4.96	4.88
79%	5.53	5.45	5.37	5.29	5.21	5.14	5.06	4.98	4.90	4.82
78%	5.46	5.38	5.30	5.23	5.15	5.07	4.99	4.91	4.84	4.76
77%	5.39	5.31	5.24	5.16	5.08	5.01	4.93	4.85	4.77	4.70
76%	5.32	5.24	5.17	5.09	5.02	4.94	4.86	4.79	4.71	4.64
75%	5.25	5.18	5.10	5.03	4.95	4.88	4.80	4.73	4.65	4.58
74%	5.18	5.11	5.03	4.96	4.88	4.81	4.74	4.66	4.59	4.51
73%	5.11	5.04	4.96	4.89	4.82	4.75	4.67	4.60	4.53	4.45
72%	5.04	4.97	4.90	4.82	4.75	4.68	4.61	4.54	4.46	4.39
71%	4.97	4.90	4.83	4.76	4.69	4.62	4.54	4.47	4.40	4.33
70%	4.90	4.83	4.76	4.69	4.62	4.55	4.48	4.41	4.34	4.27
69%	4.83	4.76	4.69	4.62	4.55	4.49	4.42	4.35	4.28	4.21
68%	4.76	4.69	4.62	4.56	4.49	4.42	4.35	4.28	4.22	4.15
67%	4.69	4.62	4.56	4.49	4.42	4.36	4.29	4.22	4.15	4.09
66%	4.62	4.55	4.49	4.42	4.36	4.29	4.22	4.16	4.09	4.03
65%	4.55	4.49	4.42	4.36	4.29	4.23	4.16	4.10	4.03	3.97
64%	4.48	4.42	4.35	4.29	4.22	4.16	4.10	4.03	3.97	3.90
63%	4.41	4.35	4.28	4.22	4.16	4.10	4.03	3.97	3.91	3.84
62%	4.34	4.28	4.22	4.15	4.09	4.03	3.97	3.91	3.84	3.78
61%	4.27	4.21	4.15	4.09	4.03	3.97	3.90	3.84	3.78	3.72
60%	4.20	4.14	4.08	4.02	3.96	3.90	3.84	3.78	3.72	3.66
59%	4.13	4.07	4.01	3.95	3.89	3.84	3.78	3.72	3.66	3.60
58%	4.06	4.00	3.94	3.89	3.83	3.77	3.71	3.65	3.60	3.54
57%	3.99	3.93	3.88	3.82	3.76	3.71	3.65	3.59	3.53	3.48
56%	3.92	3.86	3.81	3.75	3.70	3.64	3.58	3.53	3.47	3.42
55%	3.85	3.80	3.74	3.69	3.63	3.58	3.52	3.47	3.41	3.36
54%	3.78	3.73	3.67	3.62	3.56	3.51	3.46	3.40	3.35	3.29
53%	3.71	3.66	3.60	3.55	3.50	3.45	3.39	3.34	3.29	3.23
52%	3.64	3.59	3.54	3.48	3.43	3.38	3.33	3.28	3.22	3.17
51%	3.57	3.52	3.47	3.42	3.37	3.32	3.26	3.21	3.16	3.11
50%	3.50	3.45	3.40	3.35	3.30	3.25	3.20	3.15	3.10	3.05

YIELD (%)	GREASY WEIGHT (KG)									
	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.1
85%	5.10	5.02	4.93	4.85	4.76	4.68	4.59	4.51	4.42	4.34
84%	5.04	4.96	4.87	4.79	4.70	4.62	4.54	4.45	4.37	4.28
83%	4.98	4.90	4.81	4.73	4.65	4.57	4.48	4.40	4.32	4.23
82%	4.92	4.84	4.76	4.67	4.59	4.51	4.43	4.35	4.26	4.18
81%	4.86	4.78	4.70	4.62	4.54	4.46	4.37	4.29	4.21	4.13
80%	4.80	4.72	4.64	4.56	4.48	4.40	4.32	4.24	4.16	4.08
79%	4.74	4.66	4.58	4.50	4.42	4.35	4.27	4.19	4.11	4.03
78%	4.68	4.60	4.52	4.45	4.37	4.29	4.21	4.13	4.06	3.98
77%	4.62	4.54	4.47	4.39	4.31	4.24	4.16	4.08	4.00	3.93
76%	4.56	4.48	4.41	4.33	4.26	4.18	4.10	4.03	3.95	3.88
75%	4.50	4.43	4.35	4.28	4.20	4.13	4.05	3.98	3.90	3.83
74%	4.44	4.37	4.29	4.22	4.14	4.07	4.00	3.92	3.85	3.77
73%	4.38	4.31	4.23	4.16	4.09	4.02	3.94	3.87	3.80	3.72
72%	4.32	4.25	4.18	4.10	4.03	3.96	3.89	3.82	3.74	3.67
71%	4.26	4.19	4.12	4.05	3.98	3.91	3.83	3.76	3.69	3.62
70%	4.20	4.13	4.06	3.99	3.92	3.85	3.78	3.71	3.64	3.57
69%	4.14	4.07	4.00	3.93	3.86	3.80	3.73	3.66	3.59	3.52
68%	4.08	4.01	3.94	3.88	3.81	3.74	3.67	3.60	3.54	3.47
67%	4.02	3.95	3.89	3.82	3.75	3.69	3.62	3.55	3.48	3.42
66%	3.96	3.89	3.83	3.76	3.70	3.63	3.56	3.50	3.43	3.37
65%	3.90	3.84	3.77	3.71	3.64	3.58	3.51	3.45	3.38	3.32
64%	3.84	3.78	3.71	3.65	3.58	3.52	3.46	3.39	3.33	3.26
63%	3.78	3.72	3.65	3.59	3.53	3.47	3.40	3.34	3.28	3.21
62%	3.72	3.66	3.60	3.53	3.47	3.41	3.35	3.29	3.22	3.16
61%	3.66	3.60	3.54	3.48	3.42	3.36	3.29	3.23	3.17	3.11
60%	3.60	3.54	3.48	3.42	3.36	3.30	3.24	3.18	3.12	3.06
59%	3.54	3.48	3.42	3.36	3.30	3.25	3.19	3.13	3.07	3.01
58%	3.48	3.42	3.36	3.31	3.25	3.19	3.13	3.07	3.02	2.96
57%	3.42	3.36	3.31	3.25	3.19	3.14	3.08	3.02	2.96	2.91
56%	3.36	3.30	3.25	3.19	3.14	3.08	3.02	2.97	2.91	2.86
55%	3.30	3.25	3.19	3.14	3.08	3.03	2.97	2.92	2.86	2.81
54%	3.24	3.19	3.13	3.08	3.02	2.97	2.92	2.86	2.81	2.75
53%	3.18	3.13	3.07	3.02	2.97	2.92	2.86	2.81	2.76	2.70
52%	3.12	3.07	3.02	2.96	2.91	2.86	2.81	2.76	2.70	2.65
51%	3.06	3.01	2.96	2.91	2.86	2.81	2.75	2.70	2.65	2.60
50%	3.00	2.95	2.90	2.85	2.80	2.75	2.70	2.65	2.60	2.55

YIELD (%)	GREASY WEIGHT (KG)									
	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1
85%	4.25	4.17	4.08	4.00	3.91	3.83	3.74	3.66	3.57	3.49
84%	4.20	4.12	4.03	3.95	3.86	3.78	3.70	3.61	3.53	3.44
83%	4.15	4.07	3.98	3.90	3.82	3.74	3.65	3.57	3.49	3.40
82%	4.10	4.02	3.94	3.85	3.77	3.69	3.61	3.53	3.44	3.36
81%	4.05	3.97	3.89	3.81	3.73	3.65	3.56	3.48	3.40	3.32
80%	4.00	3.92	3.84	3.76	3.68	3.60	3.52	3.44	3.36	3.28
79%	3.95	3.87	3.79	3.71	3.63	3.56	3.48	3.40	3.32	3.24
78%	3.90	3.82	3.74	3.67	3.59	3.51	3.43	3.35	3.28	3.20
77%	3.85	3.77	3.70	3.62	3.54	3.47	3.39	3.31	3.23	3.16
76%	3.80	3.72	3.65	3.57	3.50	3.42	3.34	3.27	3.19	3.12
75%	3.75	3.68	3.60	3.53	3.45	3.38	3.30	3.23	3.15	3.08
74%	3.70	3.63	3.55	3.48	3.40	3.33	3.26	3.18	3.11	3.03
73%	3.65	3.58	3.50	3.43	3.36	3.29	3.21	3.14	3.07	2.99
72%	3.60	3.53	3.46	3.38	3.31	3.24	3.17	3.10	3.02	2.95
71%	3.55	3.48	3.41	3.34	3.27	3.20	3.12	3.05	2.98	2.91
70%	3.50	3.43	3.36	3.29	3.22	3.15	3.08	3.01	2.94	2.87
69%	3.45	3.38	3.31	3.24	3.17	3.11	3.04	2.97	2.90	2.83
68%	3.40	3.33	3.26	3.20	3.13	3.06	2.99	2.92	2.86	2.79
67%	3.35	3.28	3.22	3.15	3.08	3.02	2.95	2.88	2.81	2.75
66%	3.30	3.23	3.17	3.10	3.04	2.97	2.90	2.84	2.77	2.71
65%	3.25	3.19	3.12	3.06	2.99	2.93	2.86	2.80	2.73	2.67
64%	3.20	3.14	3.07	3.01	2.94	2.88	2.82	2.75	2.69	2.62
63%	3.15	3.09	3.02	2.96	2.90	2.84	2.77	2.71	2.65	2.58
62%	3.10	3.04	2.98	2.91	2.85	2.79	2.73	2.67	2.60	2.54
61%	3.05	2.99	2.93	2.87	2.81	2.75	2.68	2.62	2.56	2.50
60%	3.00	2.94	2.88	2.82	2.76	2.70	2.64	2.58	2.52	2.46
59%	2.95	2.89	2.83	2.77	2.71	2.66	2.60	2.54	2.48	2.42
58%	2.90	2.84	2.78	2.73	2.67	2.61	2.55	2.49	2.44	2.38
57%	2.85	2.79	2.74	2.68	2.62	2.57	2.51	2.45	2.39	2.34
56%	2.80	2.74	2.69	2.63	2.58	2.52	2.46	2.41	2.35	2.30
55%	2.75	2.70	2.64	2.59	2.53	2.48	2.42	2.37	2.31	2.26
54%	2.70	2.65	2.59	2.54	2.48	2.43	2.38	2.32	2.27	2.21
53%	2.65	2.60	2.54	2.49	2.44	2.39	2.33	2.28	2.23	2.17
52%	2.60	2.55	2.50	2.44	2.39	2.34	2.29	2.24	2.18	2.13
51%	2.55	2.50	2.45	2.40	2.35	2.30	2.24	2.19	2.14	2.09
50%	2.50	2.45	2.40	2.35	2.30	2.25	2.20	2.15	2.10	2.05

YIELD (%)	GREASY WEIGHT (KG)									
	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1
85%	3.40	3.32	3.23	3.15	3.06	2.98	2.89	2.81	2.72	2.64
84%	3.36	3.28	3.19	3.11	3.02	2.94	2.86	2.77	2.69	2.60
83%	3.32	3.24	3.15	3.07	2.99	2.91	2.82	2.74	2.66	2.57
82%	3.28	3.20	3.12	3.03	2.95	2.87	2.79	2.71	2.62	2.54
81%	3.24	3.16	3.08	3.00	2.92	2.84	2.75	2.67	2.59	2.51
80%	3.20	3.12	3.04	2.96	2.88	2.80	2.72	2.64	2.56	2.48
79%	3.16	3.08	3.00	2.92	2.84	2.77	2.69	2.61	2.53	2.45
78%	3.12	3.04	2.96	2.89	2.81	2.73	2.65	2.57	2.50	2.42
77%	3.08	3.00	2.93	2.85	2.77	2.70	2.62	2.54	2.46	2.39
76%	3.04	2.96	2.89	2.81	2.74	2.66	2.58	2.51	2.43	2.36
75%	3.00	2.93	2.85	2.78	2.70	2.63	2.55	2.48	2.40	2.33
74%	2.96	2.89	2.81	2.74	2.66	2.59	2.52	2.44	2.37	2.29
73%	2.92	2.85	2.77	2.70	2.63	2.56	2.48	2.41	2.34	2.26
72%	2.88	2.81	2.74	2.66	2.59	2.52	2.45	2.38	2.30	2.23
71%	2.84	2.77	2.70	2.63	2.56	2.49	2.41	2.34	2.27	2.20
70%	2.80	2.73	2.66	2.59	2.52	2.45	2.38	2.31	2.24	2.17
69%	2.76	2.69	2.62	2.55	2.48	2.42	2.35	2.28	2.21	2.14
68%	2.72	2.65	2.58	2.52	2.45	2.38	2.31	2.24	2.18	2.11
67%	2.68	2.61	2.55	2.48	2.41	2.35	2.28	2.21	2.14	2.08
66%	2.64	2.57	2.51	2.44	2.38	2.31	2.24	2.18	2.11	2.05
65%	2.60	2.54	2.47	2.41	2.34	2.28	2.21	2.15	2.08	2.02
64%	2.56	2.50	2.43	2.37	2.30	2.24	2.18	2.11	2.05	1.98
63%	2.52	2.46	2.39	2.33	2.27	2.21	2.14	2.08	2.02	1.95
62%	2.48	2.42	2.36	2.29	2.23	2.17	2.11	2.05	1.98	1.92
61%	2.44	2.38	2.32	2.26	2.20	2.14	2.07	2.01	1.95	1.89
60%	2.40	2.34	2.28	2.22	2.16	2.10	2.04	1.98	1.92	1.86
59%	2.36	2.30	2.24	2.18	2.12	2.07	2.01	1.95	1.89	1.83
58%	2.32	2.26	2.20	2.15	2.09	2.03	1.97	1.91	1.86	1.80
57%	2.28	2.22	2.17	2.11	2.05	2.00	1.94	1.88	1.82	1.77
56%	2.24	2.18	2.13	2.07	2.02	1.96	1.90	1.85	1.79	1.74
55%	2.20	2.15	2.09	2.04	1.98	1.93	1.87	1.82	1.76	1.71
54%	2.16	2.11	2.05	2.00	1.94	1.89	1.84	1.78	1.73	1.67
53%	2.12	2.07	2.01	1.96	1.91	1.86	1.80	1.75	1.70	1.64
52%	2.08	2.03	1.98	1.92	1.87	1.82	1.77	1.72	1.66	1.61
51%	2.04	1.99	1.94	1.89	1.84	1.79	1.73	1.68	1.63	1.58
50%	2.00	1.95	1.90	1.85	1.80	1.75	1.70	1.65	1.60	1.55

YIELD (%)	GREASY WEIGHT (KG)									
	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1
85%	2.55	2.47	2.38	2.30	2.21	2.13	2.04	1.96	1.87	1.79
84%	2.52	2.44	2.35	2.27	2.18	2.10	2.02	1.93	1.85	1.76
83%	2.49	2.41	2.32	2.24	2.16	2.08	1.99	1.91	1.83	1.74
82%	2.46	2.38	2.30	2.21	2.13	2.05	1.97	1.89	1.80	1.72
81%	2.43	2.35	2.27	2.19	2.11	2.03	1.94	1.86	1.78	1.70
80%	2.40	2.32	2.24	2.16	2.08	2.00	1.92	1.84	1.76	1.68
79%	2.37	2.29	2.21	2.13	2.05	1.98	1.90	1.82	1.74	1.66
78%	2.34	2.26	2.18	2.11	2.03	1.95	1.87	1.79	1.72	1.64
77%	2.31	2.23	2.16	2.08	2.00	1.93	1.85	1.77	1.69	1.62
76%	2.28	2.20	2.13	2.05	1.98	1.90	1.82	1.75	1.67	1.60
75%	2.25	2.18	2.10	2.03	1.95	1.88	1.80	1.73	1.65	1.58
74%	2.22	2.15	2.07	2.00	1.92	1.85	1.78	1.70	1.63	1.55
73%	2.19	2.12	2.04	1.97	1.90	1.83	1.75	1.68	1.61	1.53
72%	2.16	2.09	2.02	1.94	1.87	1.80	1.73	1.66	1.58	1.51
71%	2.13	2.06	1.99	1.92	1.85	1.78	1.70	1.63	1.56	1.49
70%	2.10	2.03	1.96	1.89	1.82	1.75	1.68	1.61	1.54	1.47
69%	2.07	2.00	1.93	1.86	1.79	1.73	1.66	1.59	1.52	1.45
68%	2.04	1.97	1.90	1.84	1.77	1.70	1.63	1.56	1.50	1.43
67%	2.01	1.94	1.88	1.81	1.74	1.68	1.61	1.54	1.47	1.41
66%	1.98	1.91	1.85	1.78	1.72	1.65	1.58	1.52	1.45	1.39
65%	1.95	1.89	1.82	1.76	1.69	1.63	1.56	1.50	1.43	1.37
64%	1.92	1.86	1.79	1.73	1.66	1.60	1.54	1.47	1.41	1.34
63%	1.89	1.83	1.76	1.70	1.64	1.58	1.51	1.45	1.39	1.32
62%	1.86	1.80	1.74	1.67	1.61	1.55	1.49	1.43	1.36	1.30
61%	1.83	1.77	1.71	1.65	1.59	1.53	1.46	1.40	1.34	1.28
60%	1.80	1.74	1.68	1.62	1.56	1.50	1.44	1.38	1.32	1.26
59%	1.77	1.71	1.65	1.59	1.53	1.48	1.42	1.36	1.30	1.24
58%	1.74	1.68	1.62	1.57	1.51	1.45	1.39	1.33	1.28	1.22
57%	1.71	1.65	1.60	1.54	1.48	1.43	1.37	1.31	1.25	1.20
56%	1.68	1.62	1.57	1.51	1.46	1.40	1.34	1.29	1.23	1.18
55%	1.65	1.60	1.54	1.49	1.43	1.38	1.32	1.27	1.21	1.16
54%	1.62	1.57	1.51	1.46	1.40	1.35	1.30	1.24	1.19	1.13
53%	1.59	1.54	1.48	1.43	1.38	1.33	1.27	1.22	1.17	1.11
52%	1.56	1.51	1.46	1.40	1.35	1.30	1.25	1.20	1.14	1.09
51%	1.53	1.48	1.43	1.38	1.33	1.28	1.22	1.17	1.12	1.07
50%	1.50	1.45	1.40	1.35	1.30	1.25	1.20	1.15	1.10	1.05