



# COTTON QUALITY REPORT

## QUALITY CONTROL DIVISION



2019-2020 Production Season

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# Crop Summary

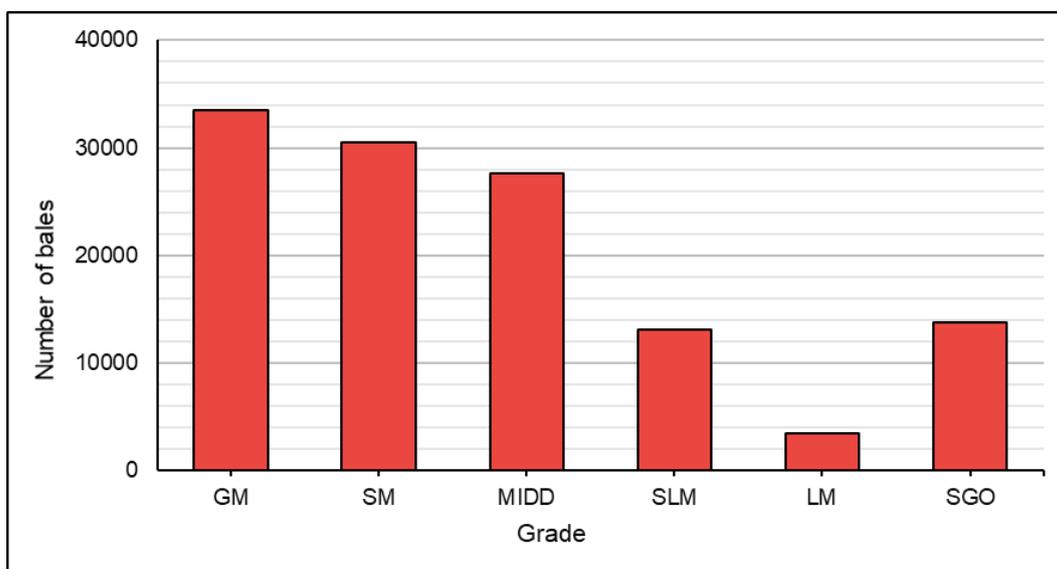
The initial testing for the 2019 -2020 production season began in March 2020, and the last samples were tested in January 2021. A total of 121 454 bales were produced and tested in this period.

## Grades

Visual grade classified manually by graders according to the USDA upland cotton grading standards.

*Table 1: Summary of the grades achieved for the entire crop.*

Grade	Number of bales	Percentage
Good Middling (GM)	38393	31,6%
Strict Middling (SM)	35155	28,9%
Middling (MIDD)	30266	24,9%
Strict Low Middling (SLM)	13748	11,3%
Low Middling (LM)	3598	3,0%
Strict Good Ordinary (SGO)	294	0,2%
<b>Total</b>	<b>121454</b>	<b>100%</b>



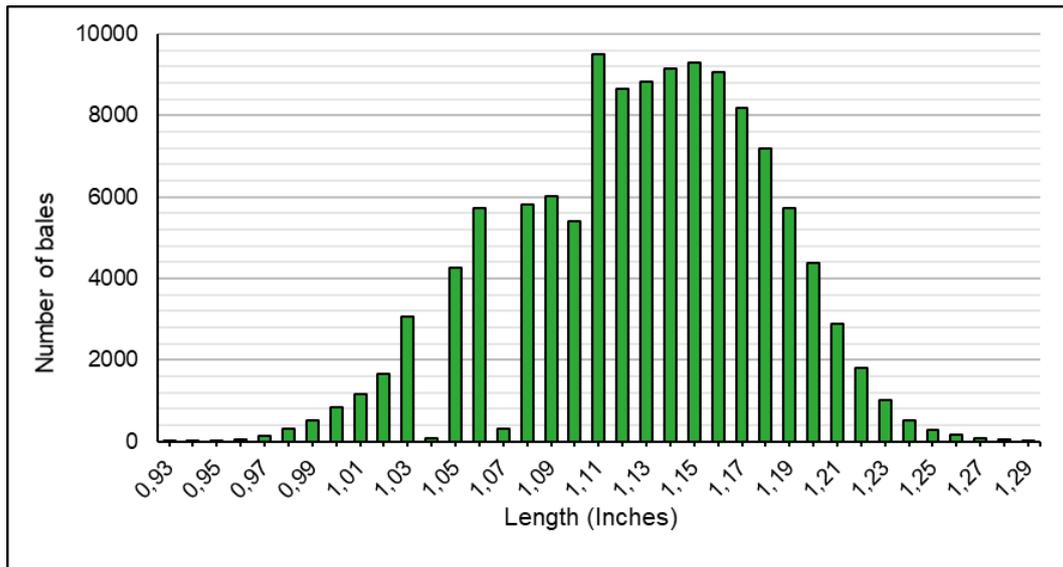
*Figure 1: Distribution of the entire crop by grade.*

## Length

A measure of the Upper Half Mean Length (UHML) of fibres within a sample. The UHML of a sample corresponds to the classer's staple length (Uster 2008).

**Table 2: Summary of the length achieved for the entire crop.**

Length	Description	Number of bales	Percentage
0,0 - 0,97	less than 1"	208	0,2%
0,98 - 1,04	1 1/32"	7460	6,1%
1,05 - 1,07	1 1/16"	10039	8,3%
1,08 - 1,10	1 3/32"	17114	14,1%
1,11 - 1,13	1 1/8"	26910	22,2%
1,14 - 1,16	1 5/32"	27495	22,6%
1,17 - 1,40	1 3/16" and greater	32228	26,5%
<b>Total</b>		<b>121454</b>	<b>100%</b>



**Figure 2: Distribution of the entire crop by length.**

## Strength

The tensile force required to break a bundle of cotton fibres within a sample (Uster 2008). Strength values above 28,0 grams/tex are preferred by spinners and other purchasers (shown in Figure 3).

**Table 3: Summary of the strength achieved for the entire crop.**

Strength	Description	Number of bales	Percentage
0,0 - 21,99	Very weak	264	0,2%
22,0 - 24,49	Weak	4939	4,1%
24,5 - 27,99	Medium	57114	47,0%
28,0 - 31,99	Strong	57125	47,0%
32,0 - 45,00	Very strong	2012	1,7%
<b>Total</b>		<b>121454</b>	<b>100%</b>

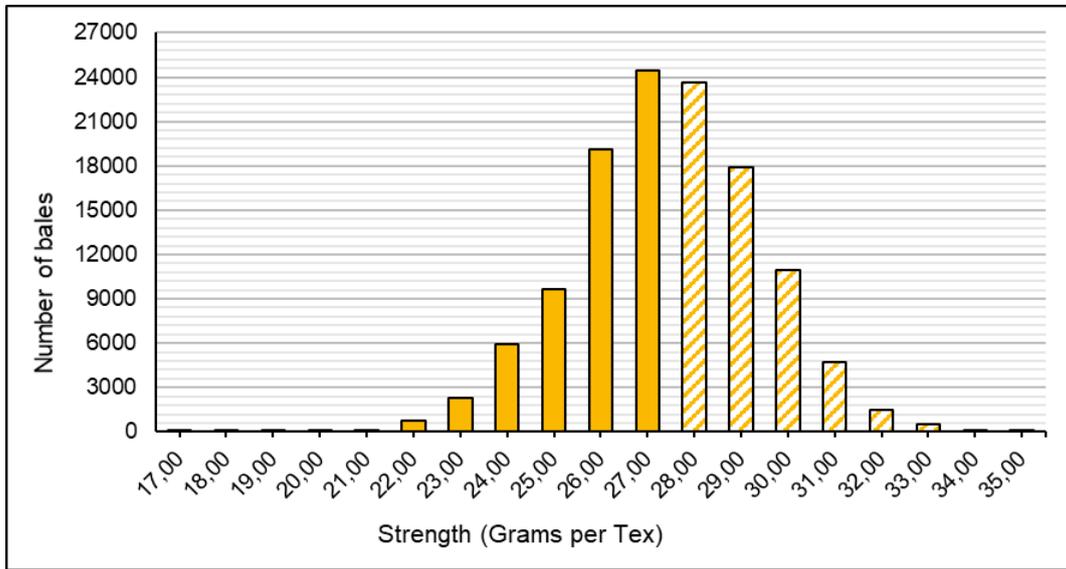


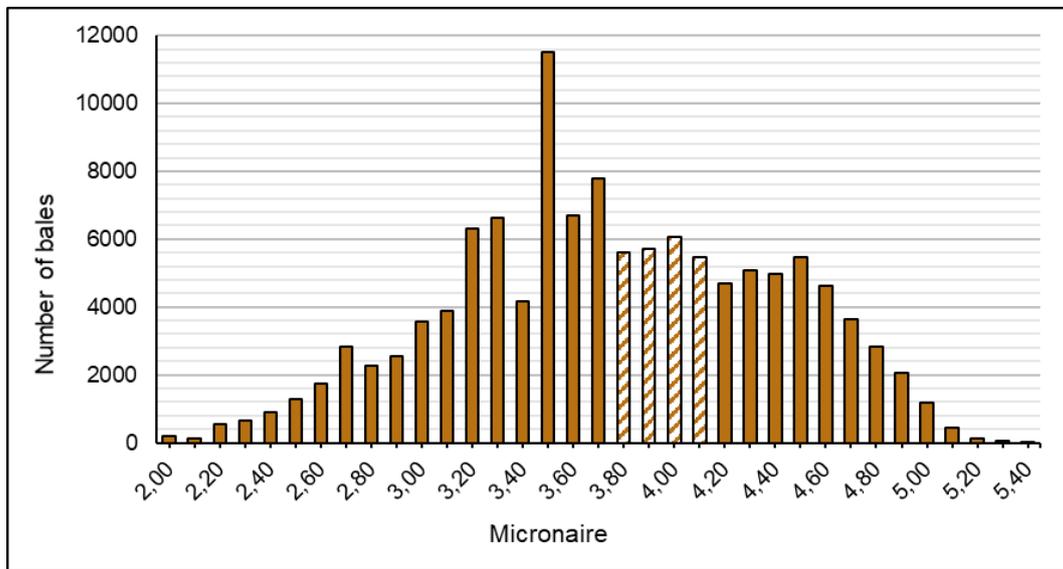
Figure 3: Distribution of the entire crop by strength.

## Micronaire

A description of the thickness of individual cotton fibres within a sample. Measured by passing air through a sample of constant weight and measuring the drop in air pressure (Uster 2008). Micronaire values between 3,5 and 4,9 are acceptable. However, the preferred micronaire value is between 3,8 and 4,2 (shown in Figure 4).

**Table 4: Summary of the micronaire achieved for the entire crop.**

<b>Micronaire</b>	<b>Description</b>	<b>Number of bales</b>	<b>Percentage</b>
0,0 - 2,99	Very fine	13087	10,8%
3,0 - 3,79	Fine	49783	41,0%
3,8 - 4,79	Medium	51913	42,7%
4,8 - 6,0	Coarse	6671	5,5%
<b>Total</b>		<b>121454</b>	<b>100%</b>



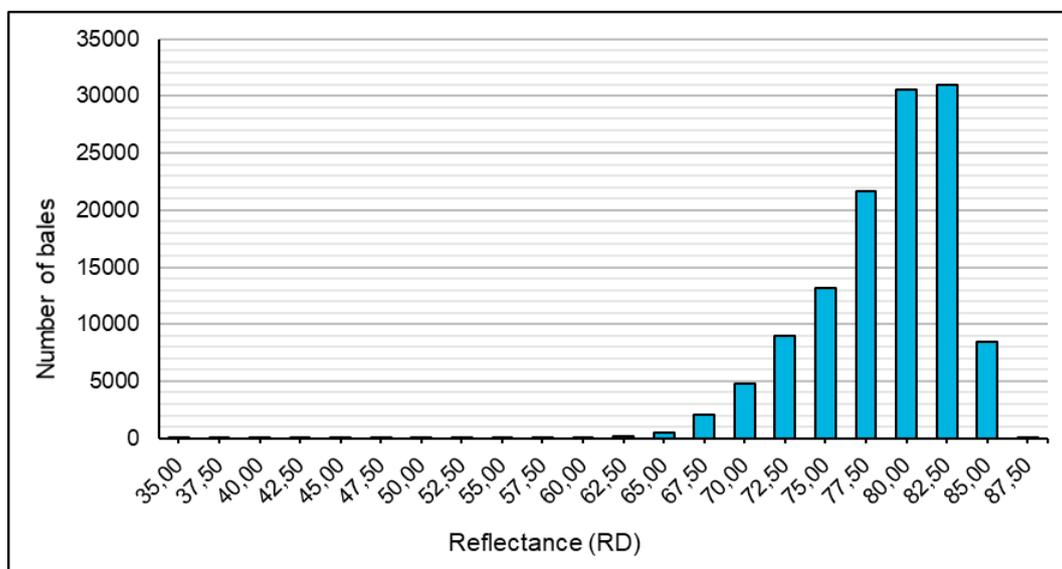
**Figure 4: Distribution of the entire crop by micronaire.**

## Reflectance

Reflectance (RD) expresses the whiteness of the light that is reflected by the cotton fibres. It is used in conjunction with yellowness (+B) to determine the colour grade of the cotton (Uster 2008).

**Table 5: Summary of the reflectance achieved for the entire crop.**

RD	Number of bales	Percentage
0,0 - 66,9	1330	1,1%
67,0 - 70,9	4105	3,4%
71,0 - 73,9	7591	6,3%
74,0 - 76,9	14002	11,5%
77,0 - 78,9	15763	13,0%
79,0 - 81,9	31383	25,8%
82,0 - 90,0	47280	38,9%
<b>Total</b>	<b>121454</b>	<b>100%</b>



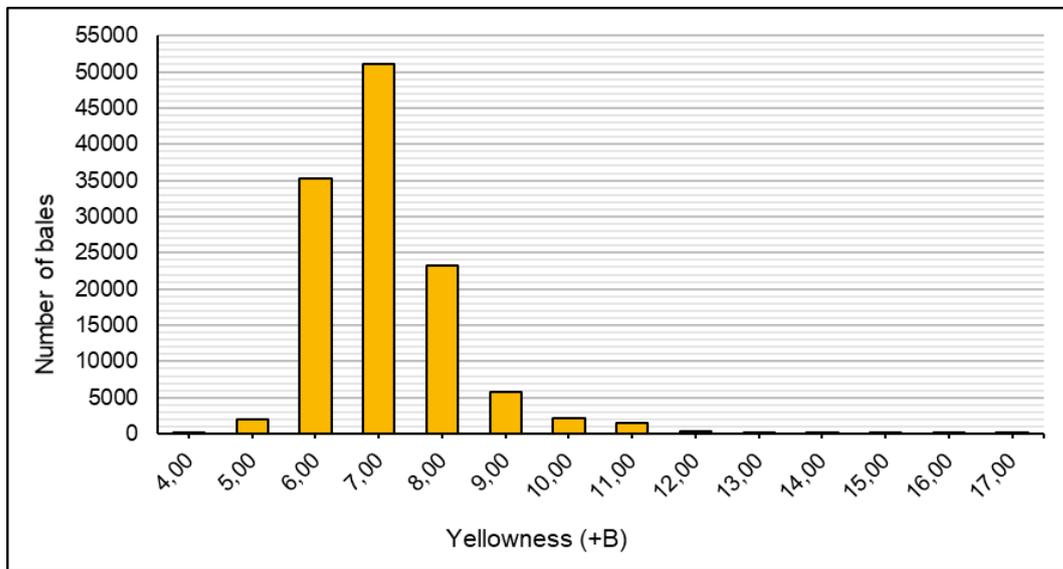
**Figure 5: Distribution of the entire crop by reflectance.**

## Yellowness

Yellowness expresses the yellowness of the light that is reflected by the cotton fibres, the yellowness of the sample is determined by using a yellow filter. It is used in conjunction with the reflectance to determine the colour grade of the cotton (Uster 2008).

**Table 6: Summary of the Yellowness achieved for the entire crop.**

<b>+ B</b>	<b>Number of bales</b>	<b>Percentage</b>
0,0 - 5,9	2805	2,3%
6,0 - 6,9	31108	25,6%
7,0 - 7,9	48663	40,1%
8,0 - 8,9	23684	19,5%
9,0 - 9,9	6902	5,7%
10,0 - 10,9	3396	2,8%
11,0 - 12,9	3211	2,6%
13,0 - 20,0	1685	1,4%
<b>Total</b>	<b>121454</b>	<b>100%</b>



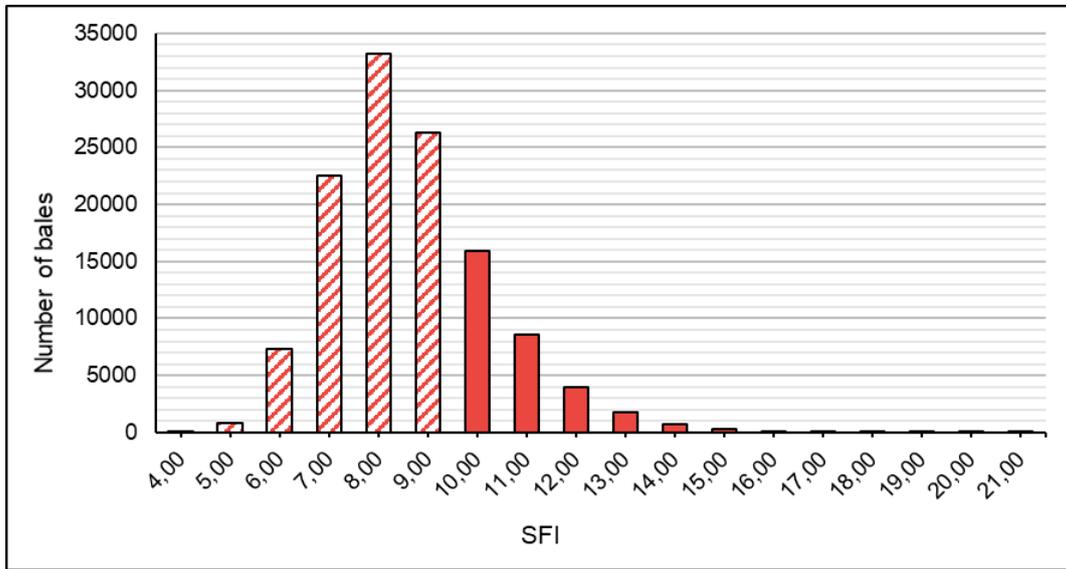
**Figure 6: Distribution of the entire crop by yellowness.**

### Short fibre index

The Short Fibre Index (SFI) is an indication of the number of fibres in percentage that are less than 0.5 inches (12.7 mm) in length (Uster 2008). A lower index value is considered better, SFI of 10,0 or above is considered an issue (shown in Figure 7).

**Table 7: Summary of the short fibre index achieved for the entire crop.**

SFI	Description	Number of bales	Percentage
0,0 - 5,99	Very low	881	0,7%
6,0 - 9,99	Low	89167	73,4%
10,0 - 13,99	Medium	30176	24,8%
14,0 - 17,99	High	1183	1,0%
18,0 - 30,00	Very high	47	0,0%
<b>Total</b>		<b>121454</b>	<b>100%</b>



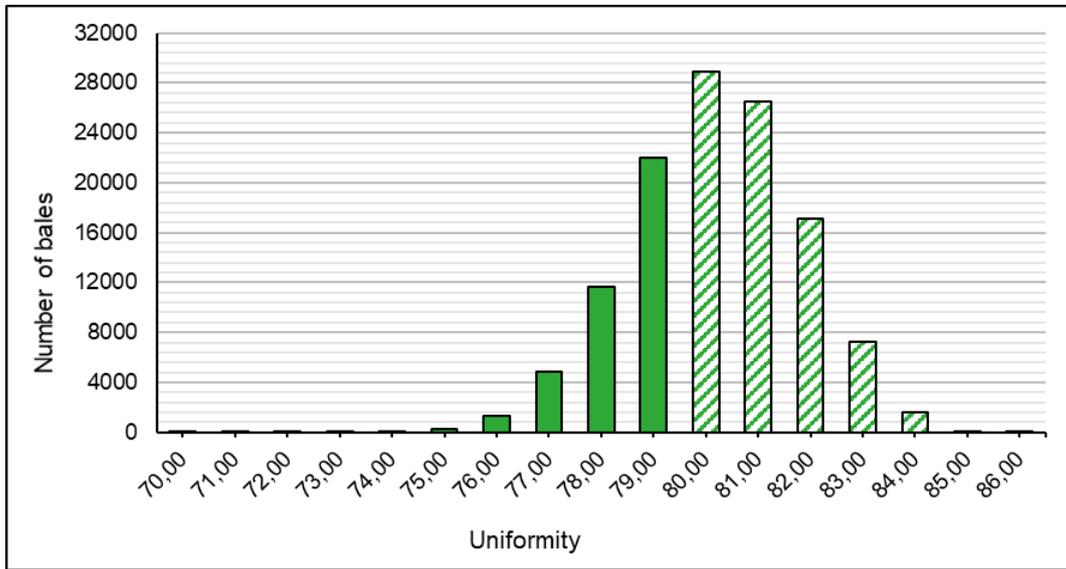
**Figure 7: Distribution of the entire crop by short fibre index.**

## Uniformity

The uniformity (UI) expresses the relationship between the UHML and Mean Length. It is an indication of the distribution of fibre length within samples (Uster 2008). An index value of 80,0 or better is preferable (shown in Figure 8).

**Table 8: Summary of the uniformity achieved for the entire crop.**

UI	Description	Number of bales	Percentage
0,0 - 76,9	Very low	1695	1,4%
77,0 - 80,9	Low	67311	55,4%
81,0 - 84,9	Medium	52339	43,1%
85,0 - 89,0	High	109	0,1%
<b>Total</b>		<b>121454</b>	<b>100%</b>



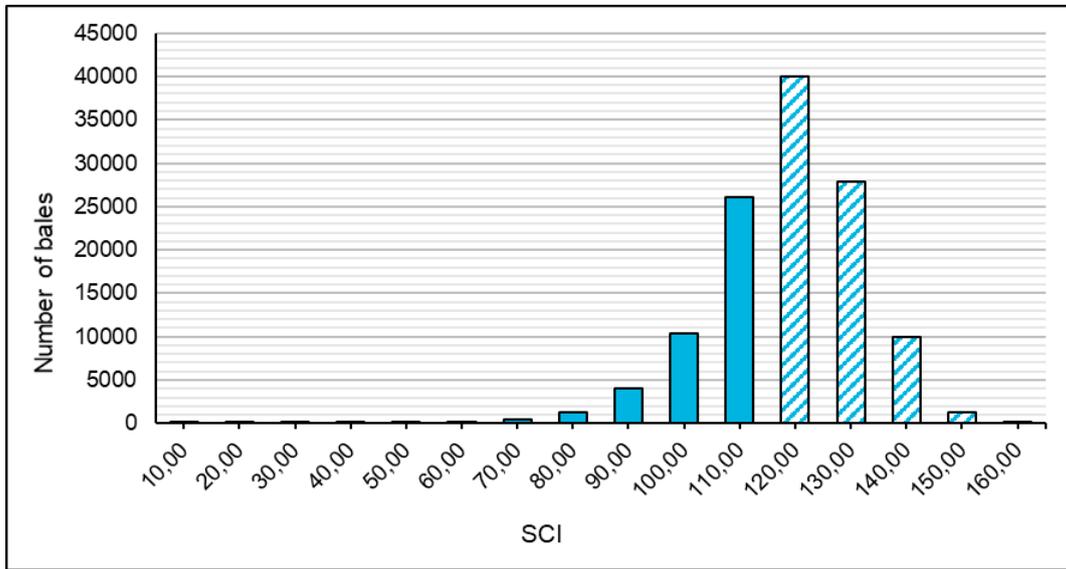
**Figure 8: Distribution of the entire crop by uniformity.**

### Spinning consistency index

The spinning consistency index is a calculation for predicting the spinnability of fibres. It is a calculation that can anticipate yarn strength and spinning potential based on individual HVI measurements (this includes: Strength, Micronaire, Length, Uniformity, Reflectance, and Yellowness). In general, the higher the SCI, the higher the yarn strength and the better the overall fibre spinnability (Uster 2008). An index of 120 or better is preferable (shown in Figure 9).

**Table 9: Summary of the spinning consistency index achieved for the entire crop.**

SCI	Number of bales	Percentage
0 - 99	6040	5,0%
100 - 119	36377	30,0%
120 - 130	43602	35,9%
131 - 140	25870	21,3%
141 - 150	8546	7,0%
151 - 170	1019	0,8%
<b>Total</b>	<b>121454</b>	<b>100%</b>



**Figure 9: Distribution of the entire crop by spinning consistency index.**

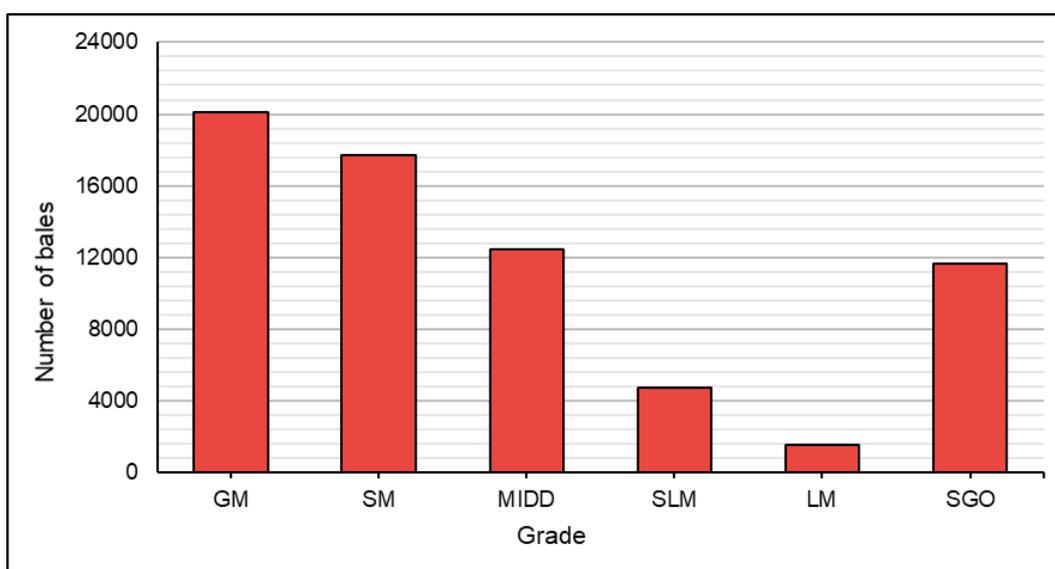
## Cultivar Summaries

In terms of cultivars: Candia accounted for 56% of the cotton planted and Deltapine (DP) 1240 for 20%. In contrast, DP 1531's uptake was 6%, DP 1541 accounted for 15%, and the uptake of Paymaster (PM 3225) was 2% of the entire crop. The latter is the recommended cultivar for handpicked cotton (i.e., smallholder farmers). The following statistics were calculated based on data received from gins.

### Candia

*Table 10: Summary of the grade achieved for Candia.*

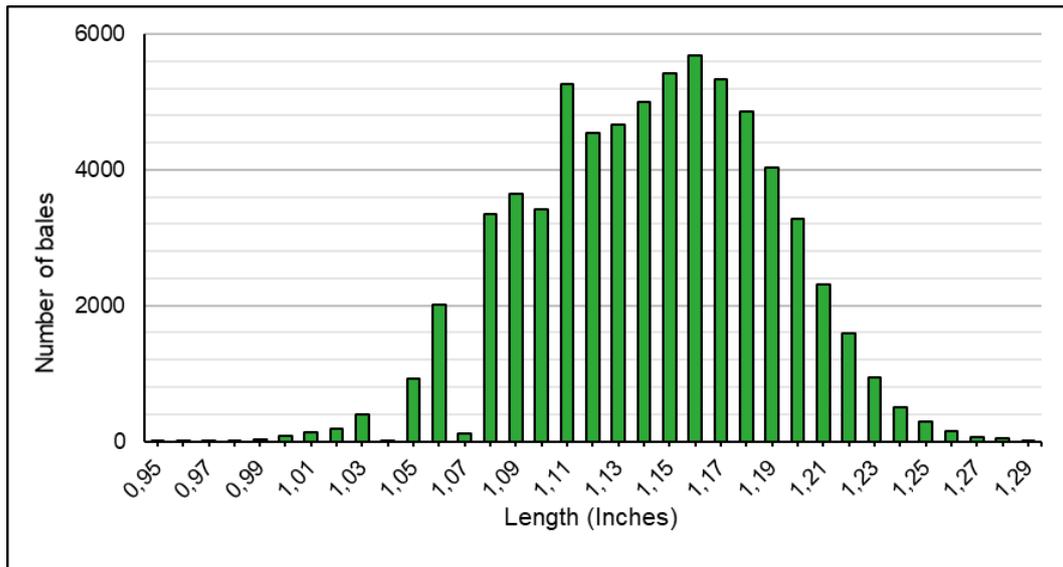
Grade	Number of bales	Percentage
Good Middling (GM)	20133	29,5%
Strict Middling (SM)	17699	25,9%
Middling (MIDD)	12443	18,2%
Strict Low Middling (SLM)	4751	7,0%
Low Middling (LM)	1587	2,3%
Strict Good Ordinary (SGO)	11680	17,1%
<b>Total</b>	<b>68293</b>	<b>100%</b>



*Figure 10: Distribution of Candia by grade.*

**Table 11: Summary of the length achieved for Candia.**

Length	Description	Number of bales	Percentage
0,0 - 0,97	less than 1"	3	0,0%
0,98 - 1,04	1 1/32"	840	1,2%
1,05 - 1,07	1 1/16"	3047	4,5%
1,08 - 1,10	1 3/32"	10404	15,2%
1,11 - 1,13	1 1/8"	14468	21,2%
1,14 - 1,16	1 5/32"	16122	23,6%
1,17 - 1,40	1 3/16" and greater	23409	34,3%
<b>Total</b>		<b>68293</b>	<b>100%</b>



**Figure 11: Distribution of Candia by length.**

**Table 12: Summary of the strength achieved for Candia.**

Strength	Description	Number of bales	Percentage
0,0 - 21,99	Very weak	195	0,3%
22,0 - 24,49	Weak	3597	5,3%
24,5 - 27,99	Medium	36525	53,5%
28,0 - 29,99	Strong	27476	40,2%
32,0 - 45,00	Very strong	500	0,7%
<b>Total</b>		<b>68293</b>	<b>100%</b>

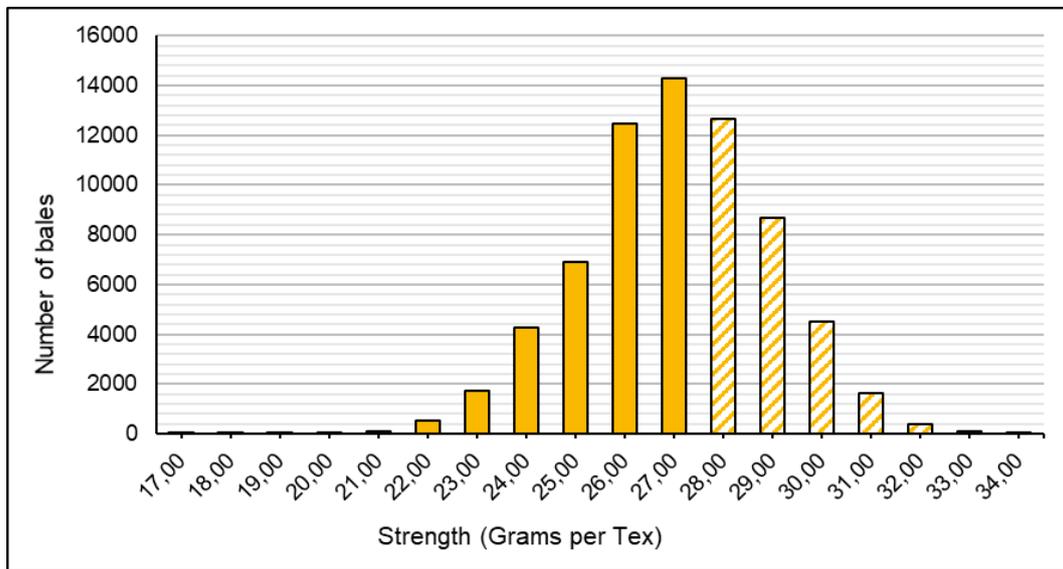


Figure 12: Distribution of Candia by strength.

Table 13: Summary of the micronaire achieved for Candia.

Micronaire	Description	Number of bales	Percentage
0,0 - 2,99	Very fine	11652	17,1%
3,0 - 3,79	Fine	38453	56,3%
3,8 - 4,79	Medium	17776	26,0%
4,8 - 6,0	Coarse	412	0,6%
<b>Total</b>		<b>68293</b>	<b>100%</b>

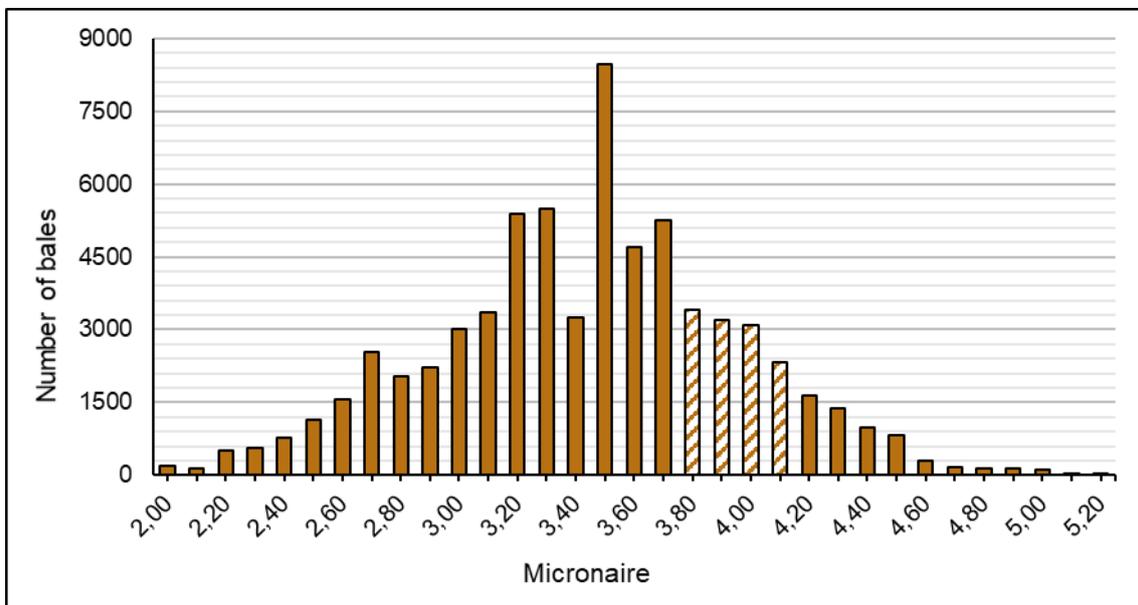
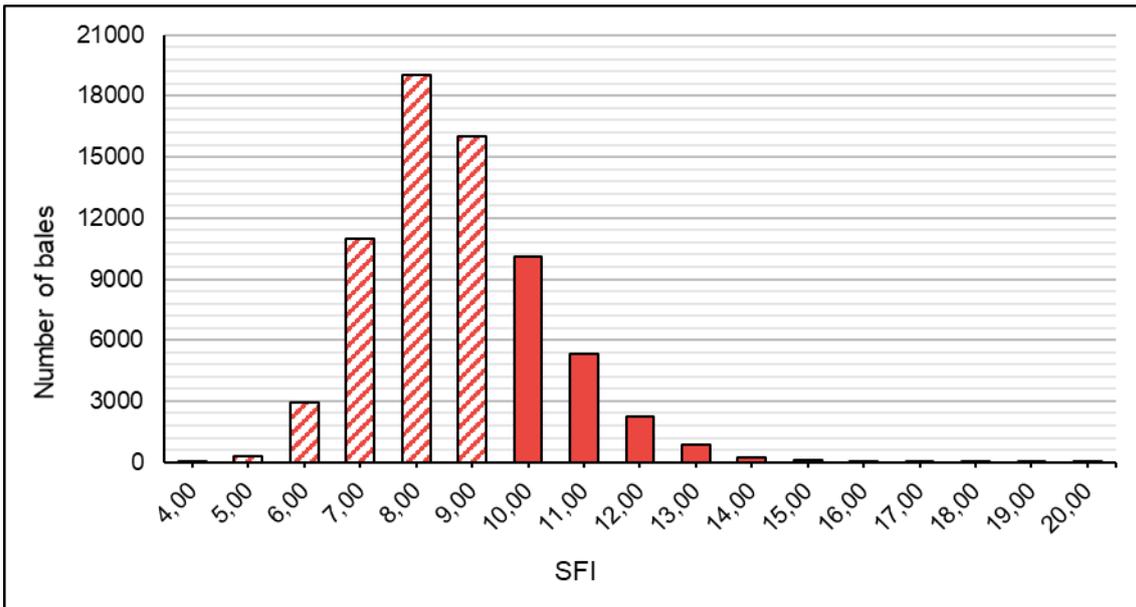


Figure 13: Distribution of Candia by micronaire.

**Table 14: Summary of the short fibre index achieved for Candia.**

SFI	Description	Number of bales	Percentage
0,0 - 5,99	Very low	318	0,5%
6,0 - 9,99	Low	49011	71,8%
10,0 - 13,99	Medium	18557	27,2%
14,0 - 17,99	High	393	0,6%
18,0 - 30,00	Very high	14	0,0%
<b>Total</b>		<b>68293</b>	<b>100%</b>



**Figure 14: Distribution of Candia by short fibre index.**

**Table 15: Summary of the uniformity achieved for Candia.**

UI	Description	Number of bales	Percentage
0,0 - 76,9	Very low	1266	1,9%
77,0 - 80,9	Low	41281	60,4%
81,0 - 84,9	Medium	25705	37,6%
85,0 - 89,0	High	41	0,1%
<b>Total</b>		<b>68293</b>	<b>100%</b>

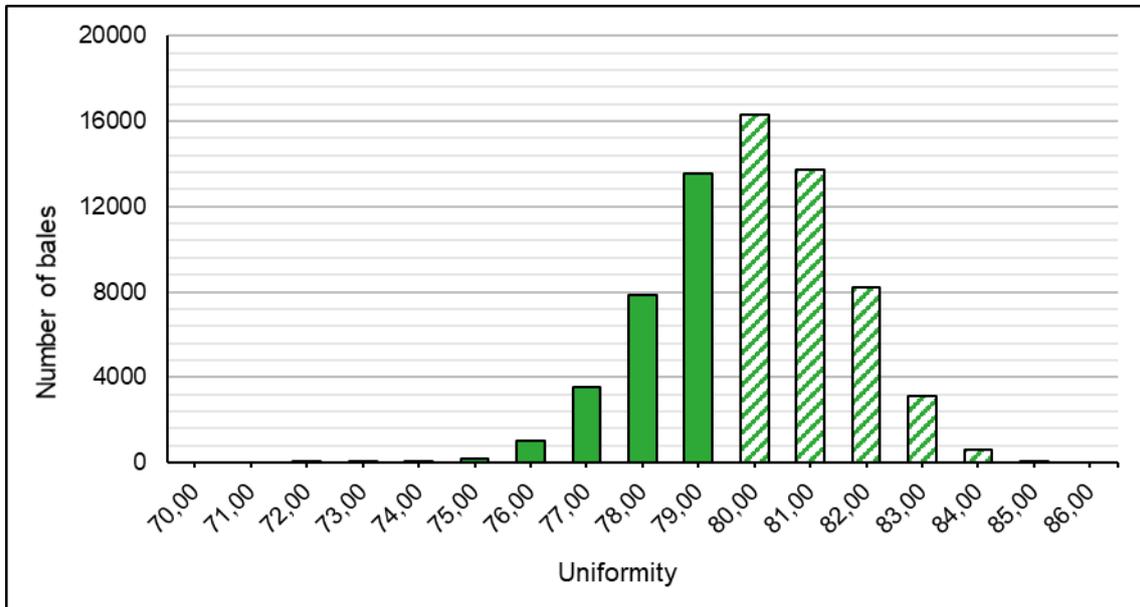


Figure 15: Distribution of Candia by uniformity.

Table 16: Summary of the spinning consistency index achieved for Candia.

SCI	Number of bales	Percentage
0 - 99	1067	1,6%
100 - 119	19886	29,1%
120 - 130	24620	36,1%
131 - 140	15619	22,9%
141 - 150	6269	9,2%
151 - 170	832	1,2%
<b>Total</b>	<b>68293</b>	<b>100%</b>

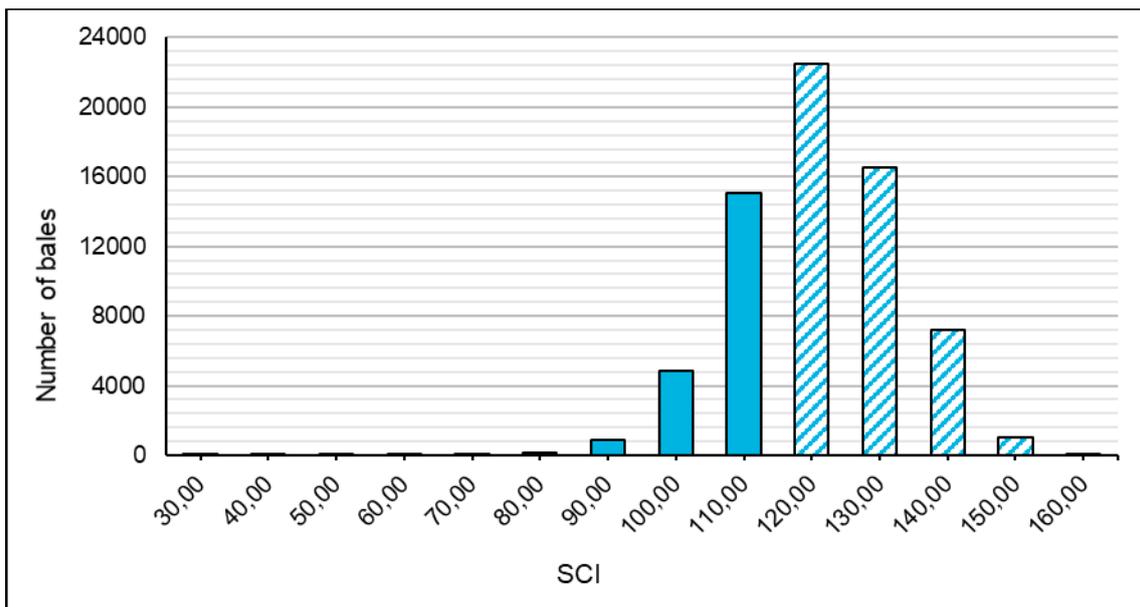
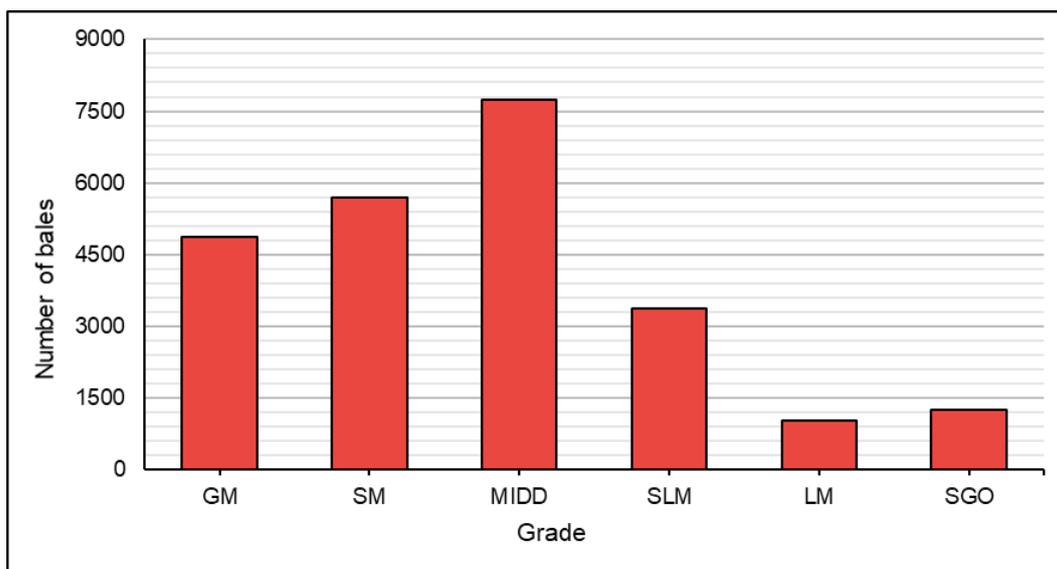


Figure 16: Distribution of Candia by spinning consistency index.

## DP 1240

**Table 17: Summary of the grade achieved for DP 1240.**

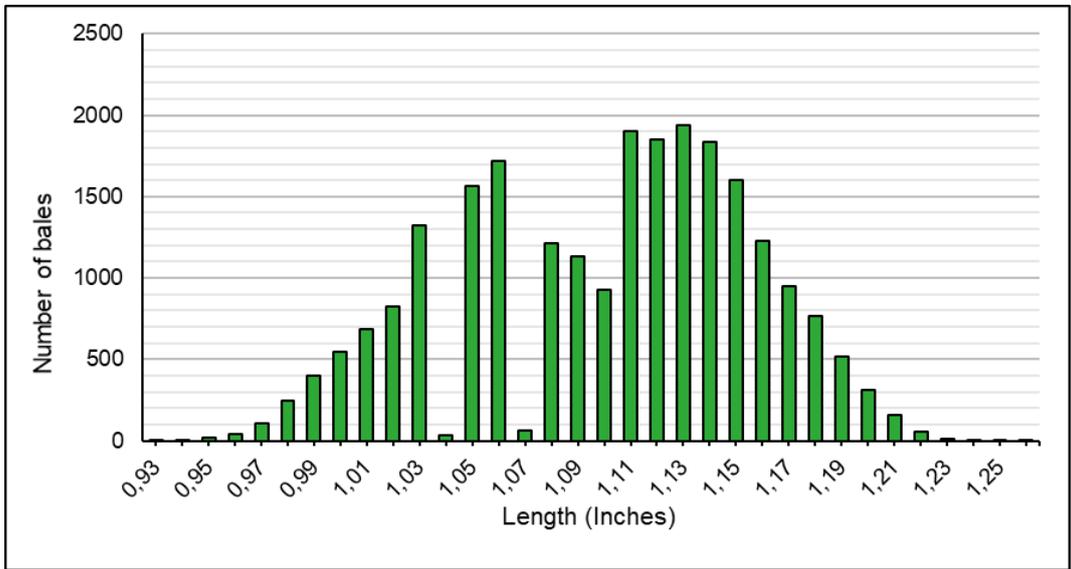
Grade	Number of bales	Percentage
Good Middling (GM)	4878	20,3%
Strict Middling (SM)	5701	23,8%
Middling (MIDD)	7745	32,3%
Strict Low Middling (SLM)	3387	14,1%
Low Middling (LM)	1031	4,3%
Strict Good Ordinary (SGO)	1253	5,2%
<b>Total</b>	<b>23995</b>	<b>100%</b>



**Figure 17: Distribution of DP 1240 by grade.**

**Table 18: Summary of the length achieved for DP 1240.**

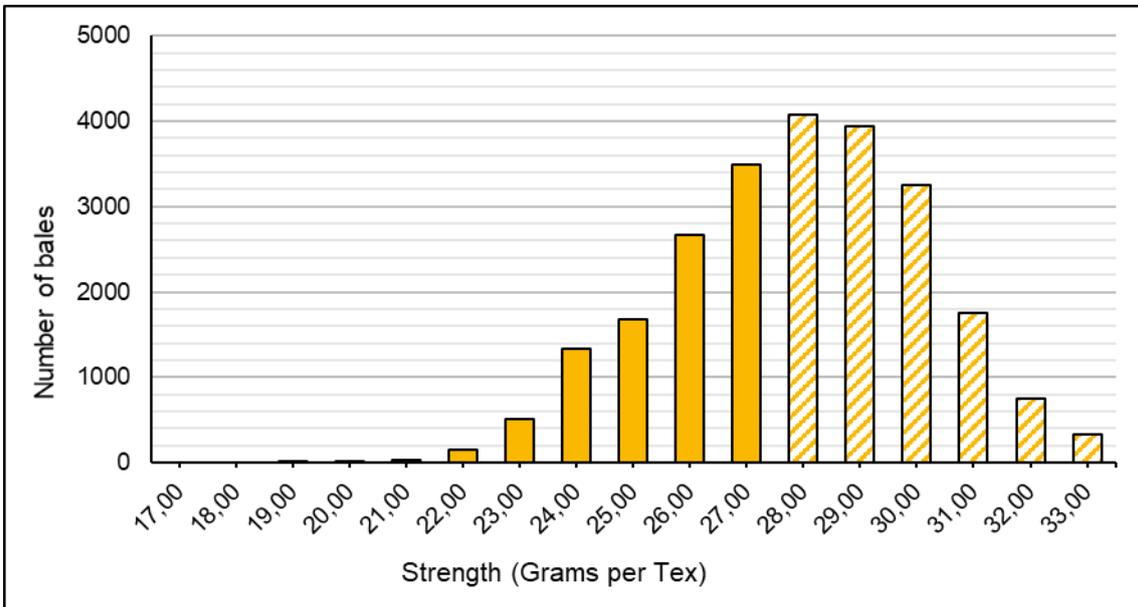
Length	Description	Number of bales	Percentage
0,0 - 0,97	less than 1"	176	0,7%
0,98 - 1,04	1 1/32"	4067	16,9%
1,05 - 1,07	1 1/16"	3345	13,9%
1,08 - 1,10	1 3/32"	3276	13,7%
1,11 - 1,13	1 1/8"	5685	23,7%
1,14 - 1,16	1 5/32"	4666	19,4%
1,17 - 1,40	1 3/16" and greater	2780	11,6%
<b>Total</b>		<b>23995</b>	<b>100%</b>



**Figure 18: Distribution of DP 1240 by length.**

**Table 19: Summary of the strength achieved for DP 1240.**

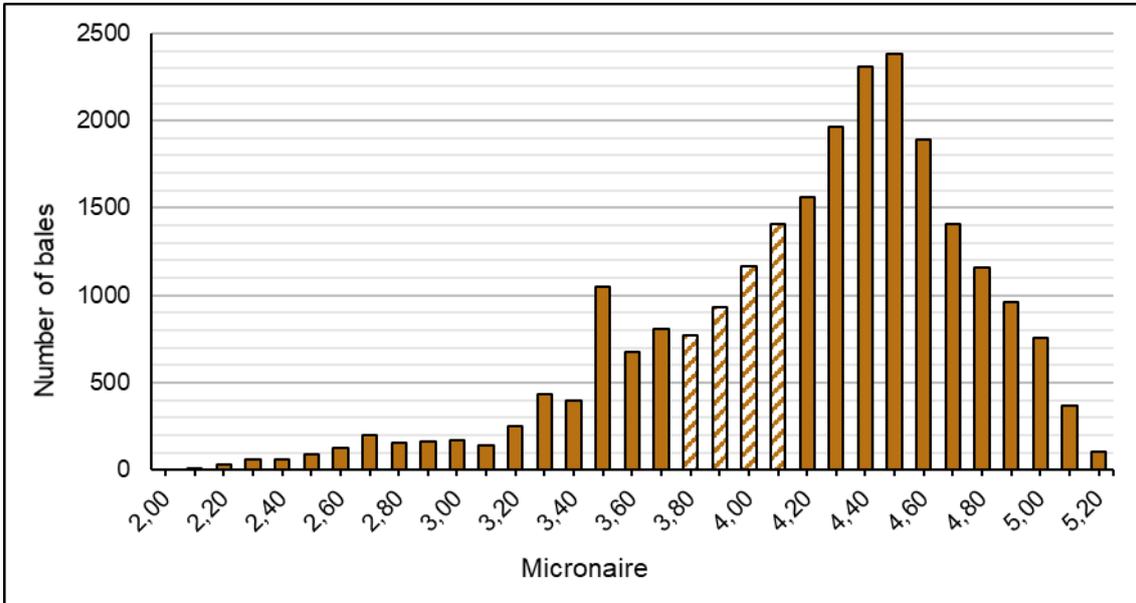
Strength	Description	Number of bales	Percentage
0,0 - 21,99	Very weak	50	0,2%
22,0 - 24,49	Weak	1164	4,9%
24,5 - 27,99	Medium	8659	36,1%
28,0 - 29,99	Strong	13020	54,3%
32,0 - 45,00	Very strong	1102	4,6%
<b>Total</b>		<b>23995</b>	<b>100%</b>



**Figure 19: Distribution of DP 1240 by strength.**

**Table 20: Summary of the micronaire achieved for DP 1240.**

Micronaire	Description	Number of bales	Percentage
0,0 - 2,99	Very fine	898	3,7%
3,0 - 3,79	Fine	3853	16,1%
3,8 - 4,79	Medium	15849	66,1%
4,8 - 6,0	Coarse	3395	14,1%
<b>Total</b>		<b>23995</b>	<b>100%</b>



**Figure 20: Distribution of DP 1240 by micronaire.**

**Table 21: Summary of the short fibre index achieved for DP 1240.**

SFI	Description	Number of bales	Percentage
0,0 - 5,99	Very low	192	0,8%
6,0 - 9,99	Low	16077	67,0%
10,0 - 13,99	Medium	6960	29,0%
14,0 - 17,99	High	740	3,1%
18,0 - 30,00	Very high	26	0,1%
<b>Total</b>		<b>23995</b>	<b>100%</b>

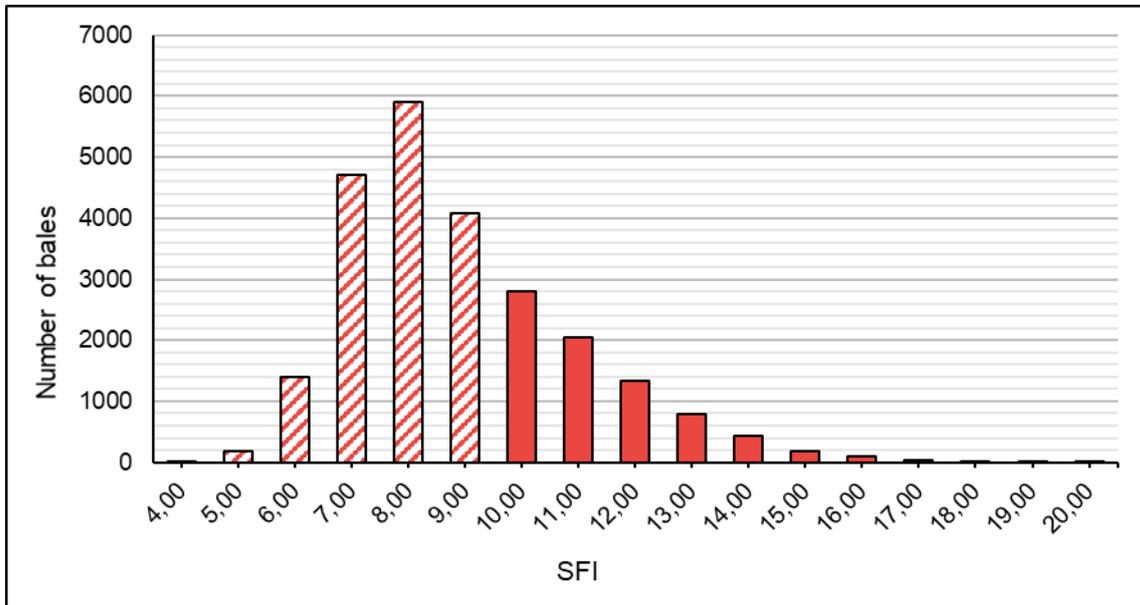


Figure 21: Distribution of DP 1240 by short fibre index.

Table 22: Summary of the uniformity achieved for DP 1240.

UI	Description	Number of bales	Percentage
0,0 - 76,9	Very low	372	1,6%
77,0 - 80,9	Low	12910	53,8%
81,0 - 84,9	Medium	10690	44,6%
85,0 - 89,0	High	23	0,1%
<b>Total</b>		<b>23995</b>	<b>100%</b>

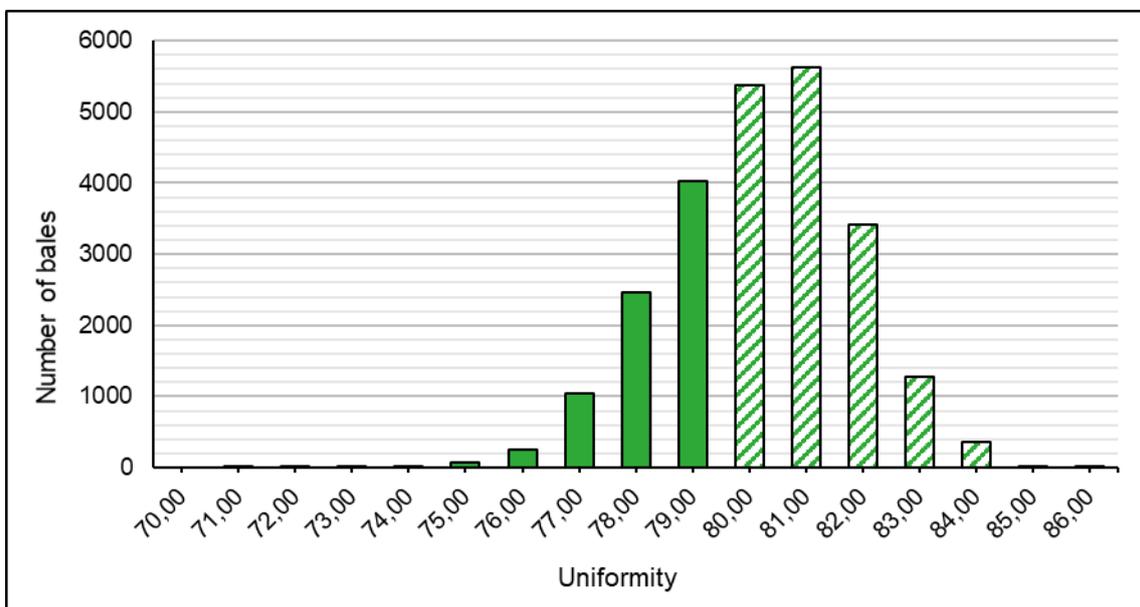
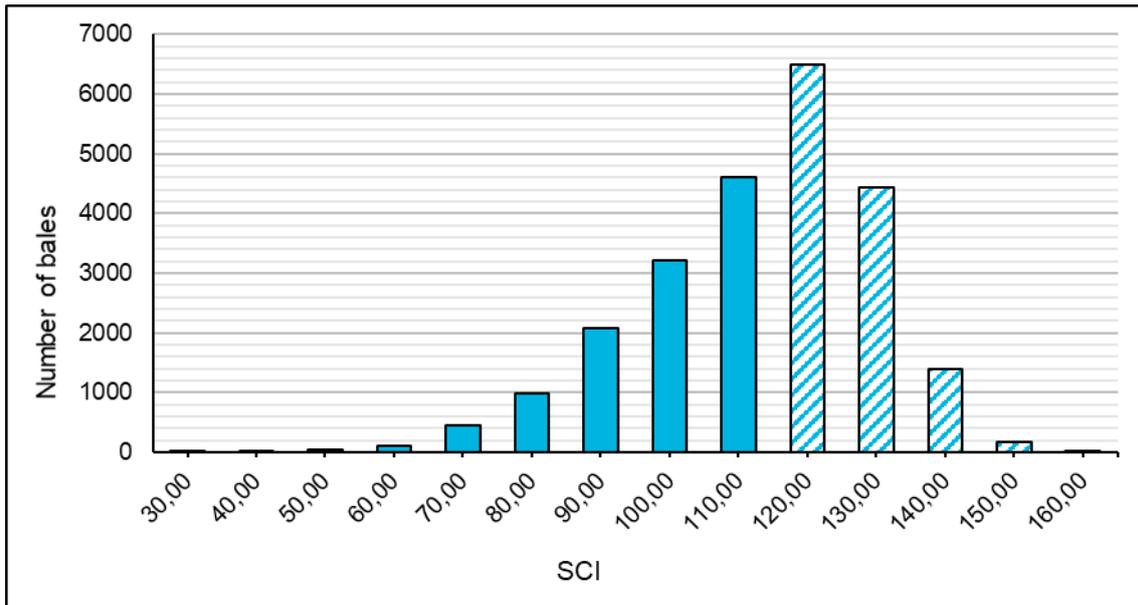


Figure 22: Distribution of DP 1240 by uniformity.

**Table 23: Summary of the spinning consistency index achieved for DP 1240.**

SCI	Number of bales	Percentage
0 - 99	3663	15,3%
100 - 119	7825	32,6%
120 - 130	7086	29,5%
131 - 140	4120	17,2%
141 - 150	1164	4,9%
151 - 170	137	0,6%
<b>Total</b>	<b>23995</b>	<b>100%</b>



**Figure 23: Distribution of DP 1240 by spinning consistency index.**

## DP 1531

**Table 24: Summary of the grade achieved for DP 1531.**

Grade	Number of bales	Percentage
Good Middling (GM)	1984	26,1%
Strict Middling (SM)	2037	26,8%
Middling (MIDD)	1217	16,0%
Strict Low Middling (SLM)	1677	22,1%
Low Middling (LM)	329	4,3%
Strict Good Ordinary (SGO)	358	4,7%
<b>Total</b>	<b>7602</b>	<b>100%</b>

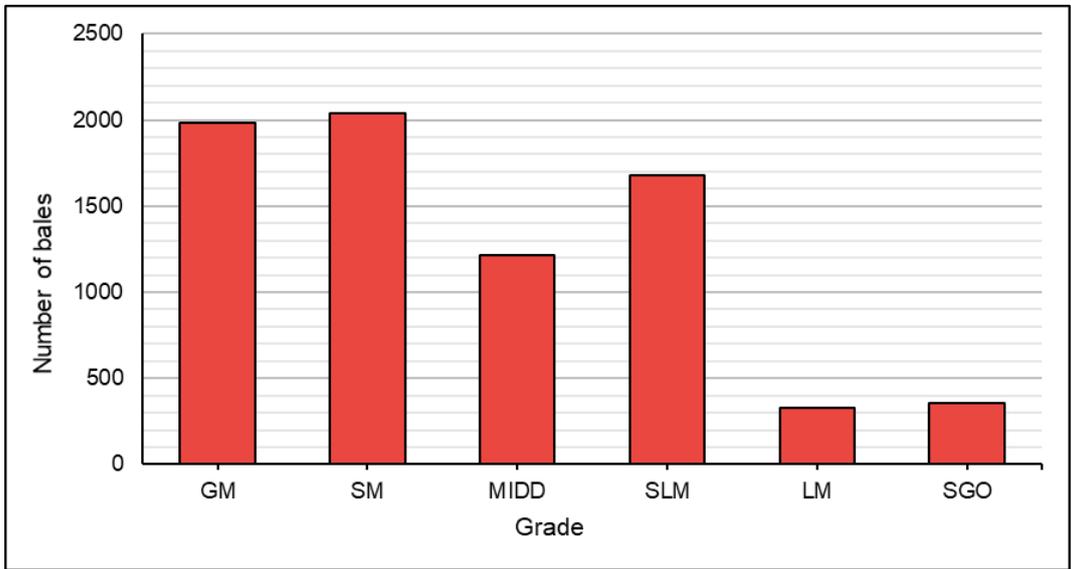


Figure 24: Distribution of DP 1531 by grade.

Table 25: Summary of the length achieved for DP 1531.

Length	Description	Number of bales	Percentage
0,0 - 0,97	less than 1"	0	0,0%
0,98 - 1,04	1 1/32"	293	3,9%
1,05 - 1,07	1 1/16"	575	7,6%
1,08 - 1,10	1 3/32"	628	8,3%
1,11 - 1,13	1 1/8"	2053	27,0%
1,14 - 1,16	1 5/32"	2319	30,5%
1,17 - 1,40	1 3/16" and greater	1734	22,8%
<b>Total</b>		<b>7602</b>	<b>100%</b>

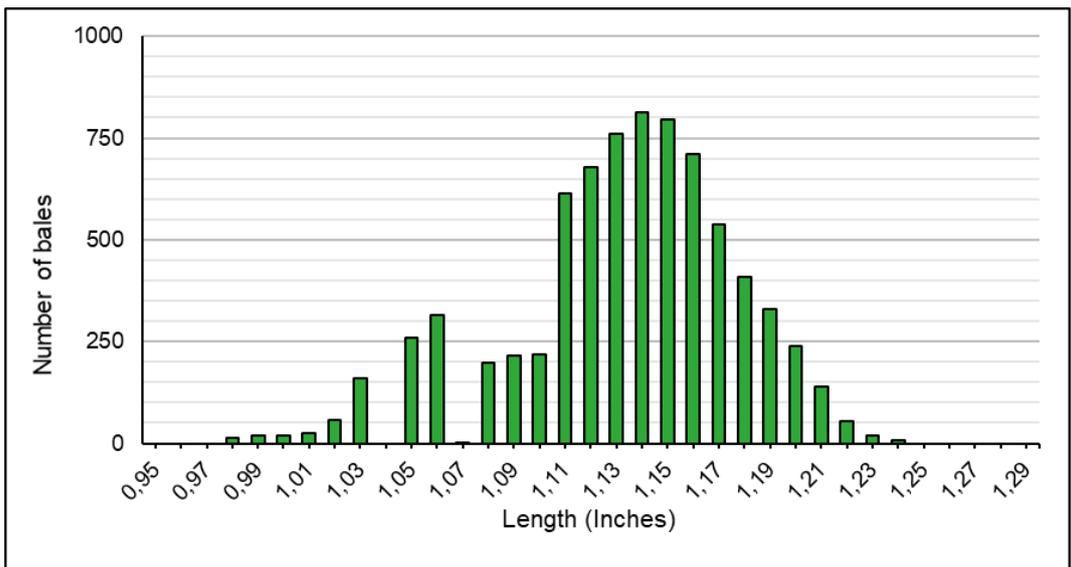
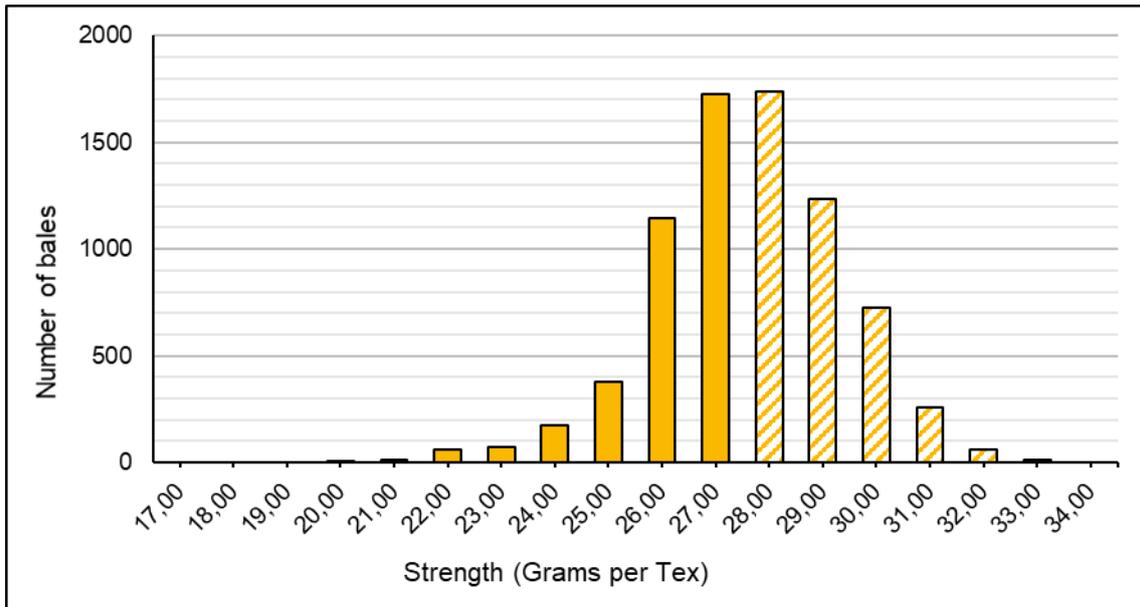


Figure 25: Distribution of DP 1531 by length.

**Table 26: Summary of the strength achieved for DP 1531.**

Strength	Description	Number of bales	Percentage
0,0 - 21,99	Very weak	13	0,2%
22,0 - 24,49	Weak	154	2,0%
24,5 - 27,99	Medium	3396	44,7%
28,0 - 29,99	Strong	3962	52,1%
32,0 - 45,00	Very strong	77	1,0%
<b>Total</b>		<b>7602</b>	<b>100%</b>



**Figure 26: Distribution of DP 1531 by strength.**

**Table 27: Summary of the micronaire achieved for DP 1531.**

Micronaire	Description	Number of bales	Percentage
0,0 - 2,99	Very fine	316	4,2%
3,0 - 3,79	Fine	2756	36,3%
3,8 - 4,79	Medium	3919	51,6%
4,8 - 6,0	Coarse	611	8,0%
<b>Total</b>		<b>7602</b>	<b>100%</b>

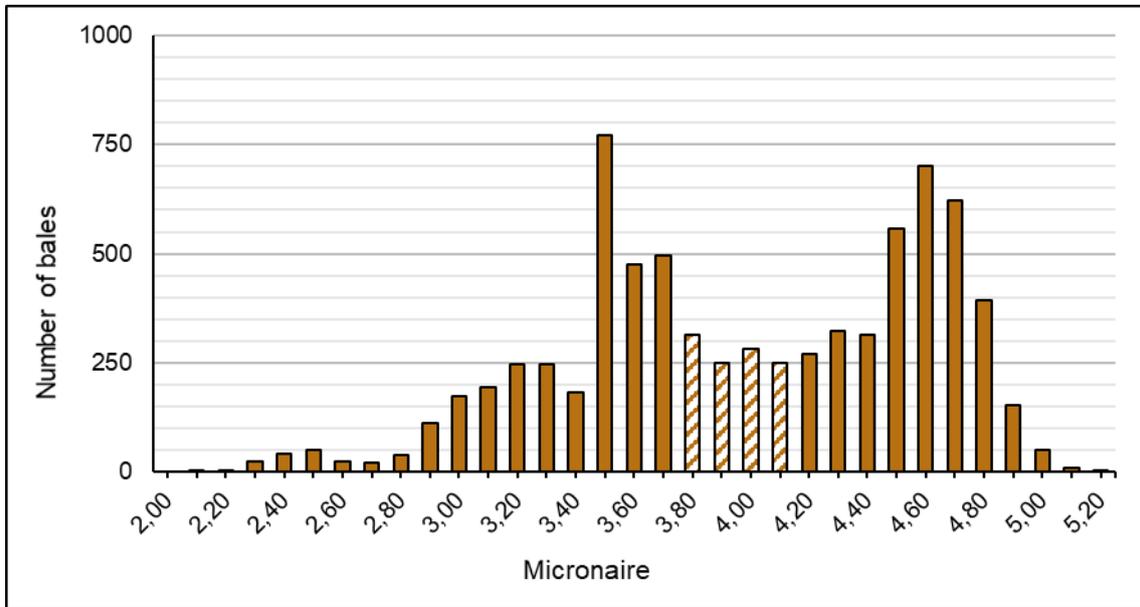


Figure 27: Distribution of DP 1531 by micronaire.

Table 28: Summary of the short fibre index achieved for DP 1531.

SFI	Description	Number of bales	Percentage
0,0 - 5,99	Very low	227	3,0%
6,0 - 9,99	Low	6059	79,7%
10,0 - 13,99	Medium	1287	16,9%
14,0 - 17,99	High	29	0,4%
18,0 - 30,00	Very high	0	0,0%
<b>Total</b>		<b>7602</b>	<b>100%</b>

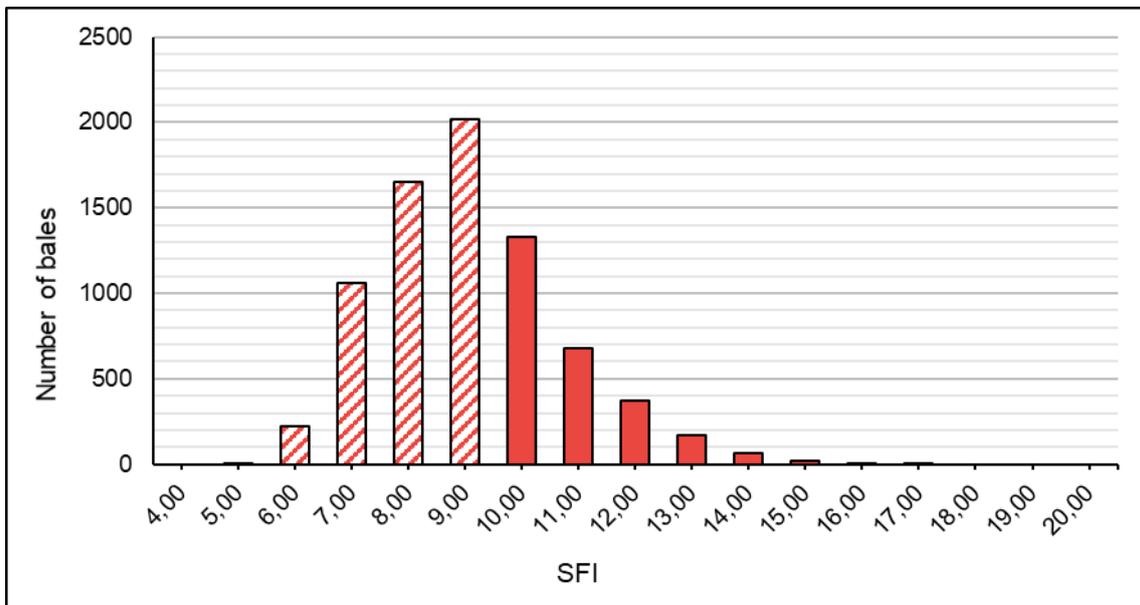
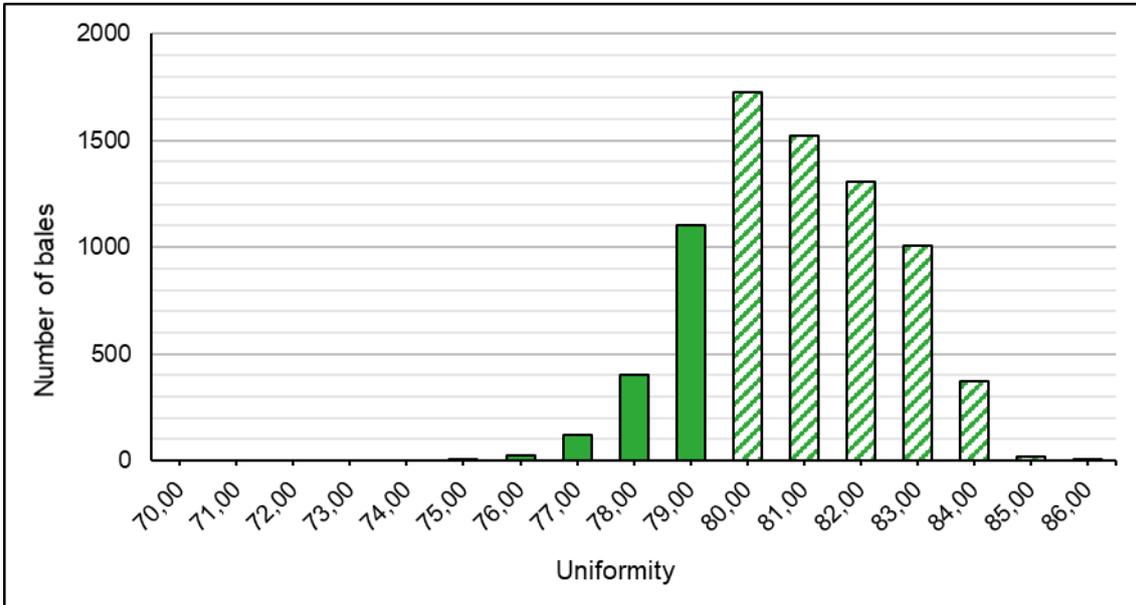


Figure 28: Distribution of DP 1531 by short fibre index.

**Table 29: Summary of the uniformity achieved for DP 1531.**

UI	Description	Number of bales	Percentage
0,0 - 76,9	Very low	25	0,3%
77,0 - 80,9	Low	3337	43,9%
81,0 - 84,9	Medium	4219	55,5%
85,0 - 89,0	High	21	0,3%
<b>Total</b>		<b>7602</b>	<b>100%</b>



**Figure 29: Distribution of DP 1531 by uniformity.**

**Table 30: Summary of the spinning consistency index achieved for DP 1531.**

SCI	Number of bales	Percentage
0 - 99	517	6,8%
100 - 119	1721	22,6%
120 - 130	2836	37,3%
131 - 140	1904	25,0%
141 - 150	589	7,7%
151 - 170	35	0,5%
<b>Total</b>	<b>7602</b>	<b>100%</b>

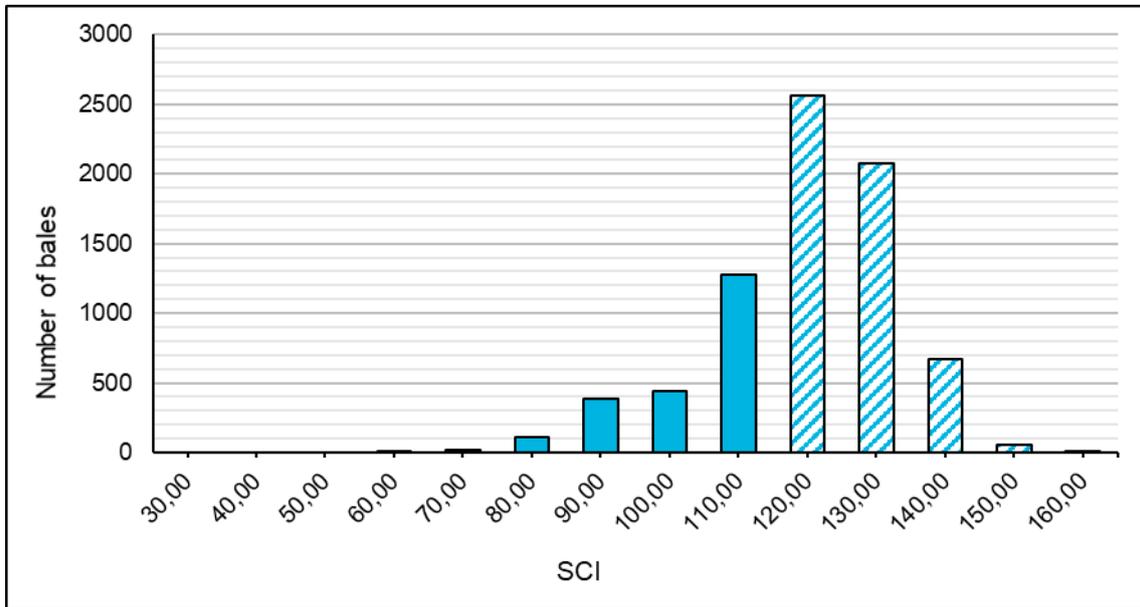


Figure 30: Distribution of DP 1531 by spinning consistency index.

## DP 1541

Table 31: Summary of the grade achieved for DP 1541.

Grade	Number of bales	Percentage
Good Middling (GM)	6178	33,6%
Strict Middling (SM)	4427	24,1%
Middling (MIDD)	4474	24,3%
Strict Low Middling (SLM)	2744	14,9%
Low Middling (LM)	352	1,9%
Strict Good Ordinary (SGO)	201	1,1%
<b>Total</b>	<b>18376</b>	<b>100%</b>

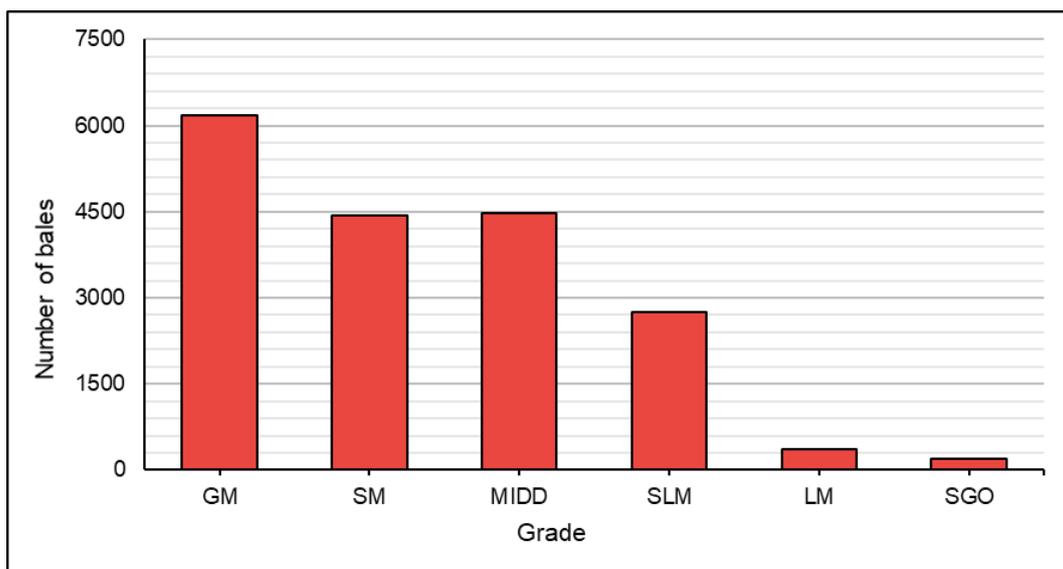
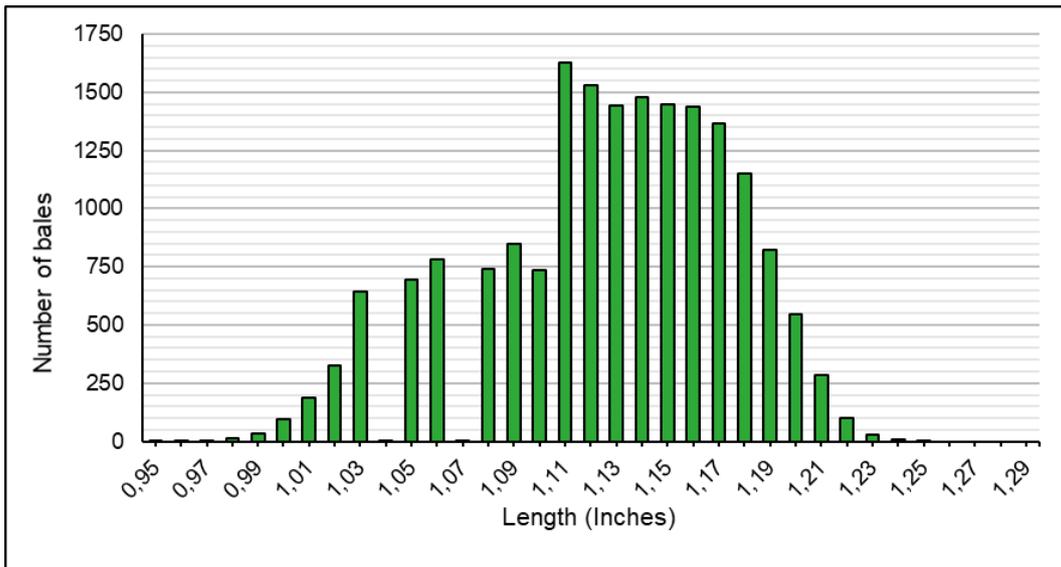


Figure 31: Distribution of DP 1541 by grade.

**Table 32: Summary of the length achieved for DP 1541.**

Length	Description	Number of bales	Percentage
0,0 - 0,97	less than 1"	4	0,0%
0,98 - 1,04	1 1/32"	1300	7,1%
1,05 - 1,07	1 1/16"	1477	8,0%
1,08 - 1,10	1 3/32"	2327	12,7%
1,11 - 1,13	1 1/8"	4597	25,0%
1,14 - 1,16	1 5/32"	4366	23,8%
1,17 - 1,40	1 3/16" and greater	4305	23,4%
<b>Total</b>		<b>18376</b>	<b>100%</b>



**Figure 32: Distribution of DP 1541 by length.**

**Table 33: Summary of the strength achieved for DP 1541.**

Strength	Description	Number of bales	Percentage
0,0 - 21,99	Very weak	0	0,0%
22,0 - 24,49	Weak	11	0,1%
24,5 - 27,99	Medium	8043	43,8%
28,0 - 29,99	Strong	10075	54,8%
32,0 - 45,00	Very strong	247	1,3%
<b>Total</b>		<b>18376</b>	<b>100%</b>

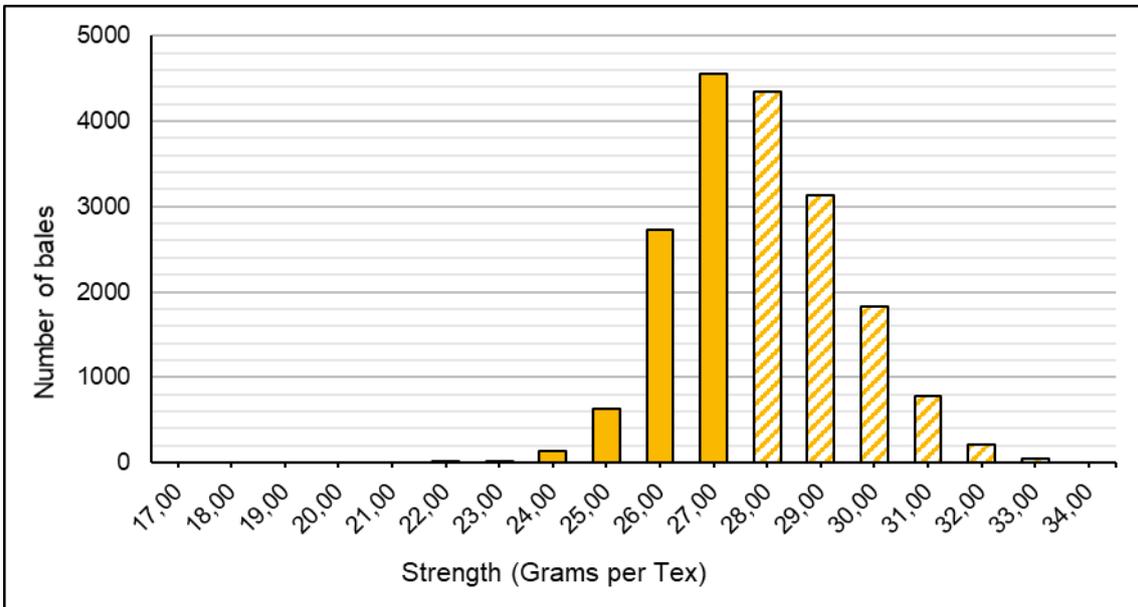


Figure 33: Distribution of DP 1541 by strength.

Table 34: Summary of the micronaire achieved for DP 1541.

Micronaire	Description	Number of bales	Percentage
0,0 - 2,99	Very fine	197	1,1%
3,0 - 3,79	Fine	3757	20,4%
3,8 - 4,79	Medium	12171	66,2%
4,8 - 6,0	Coarse	2251	12,2%
<b>Total</b>		<b>18376</b>	<b>100%</b>

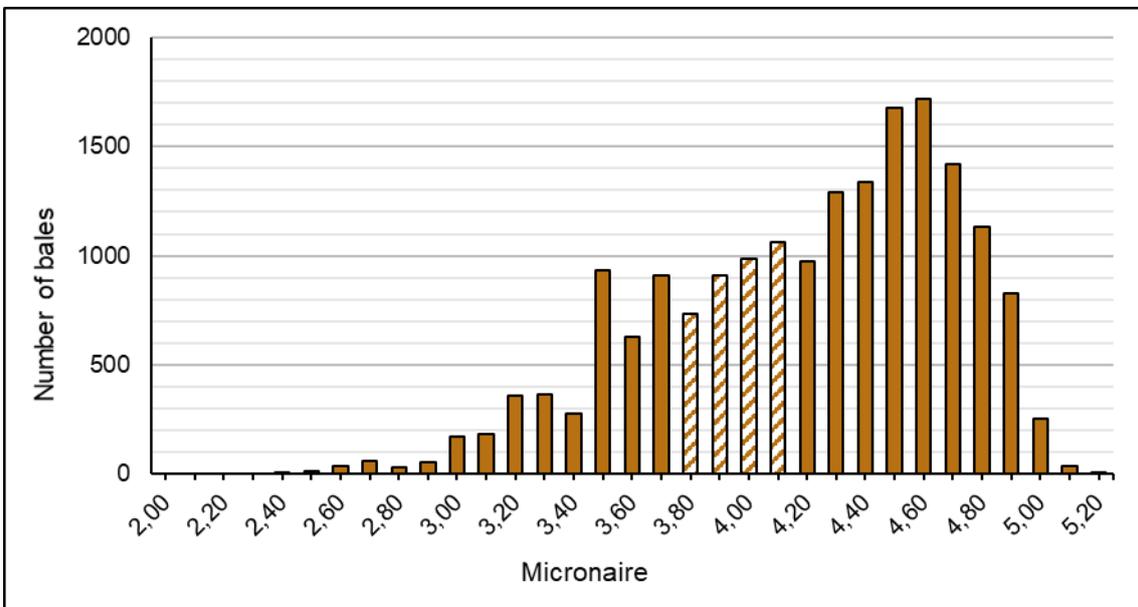
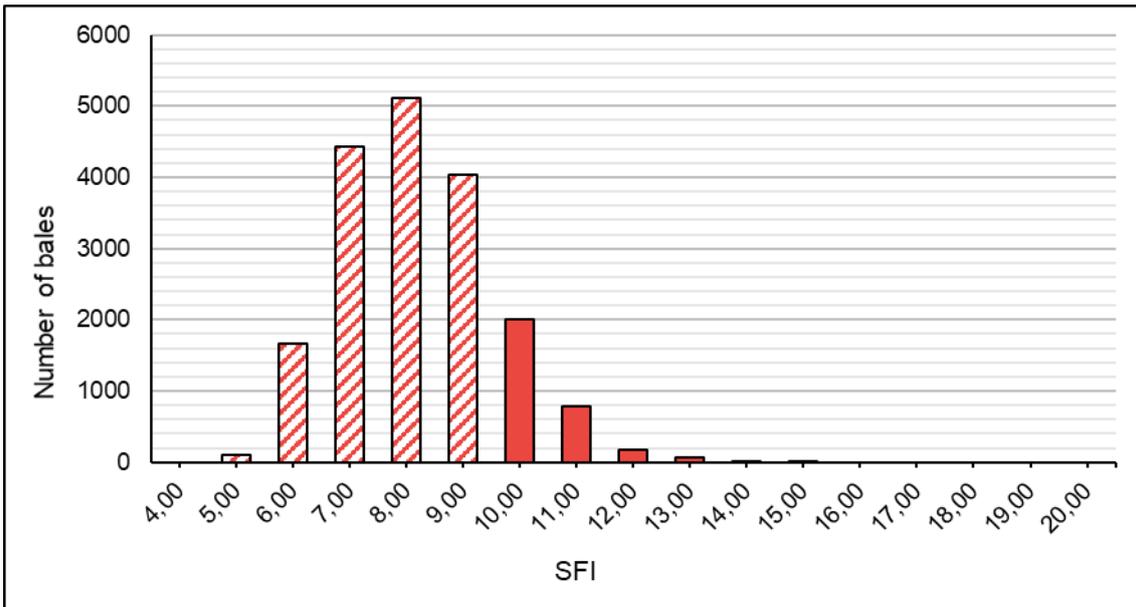


Figure 34: Distribution of DP 1541 by micronaire.

**Table 35: Summary of the short fibre index achieved for DP 1541.**

SFI	Description	Number of bales	Percentage
0,0 - 5,99	Very low	104	0,6%
6,0 - 9,99	Low	15240	82,9%
10,0 - 13,99	Medium	3015	16,4%
14,0 - 17,99	High	17	0,1%
18,0 - 30,00	Very high	0	0,0%
<b>Total</b>		<b>18376</b>	<b>100%</b>



**Figure 35: Distribution of DP 1541 by short fibre index.**

**Table 36: Summary of the uniformity achieved for DP 1541.**

UI	Description	Number of bales	Percentage
0,0 - 76,9	Very low	7	0,0%
77,0 - 80,9	Low	8531	46,4%
81,0 - 84,9	Medium	9827	53,5%
85,0 - 89,0	High	11	0,0%
<b>Total</b>		<b>18376</b>	<b>100%</b>

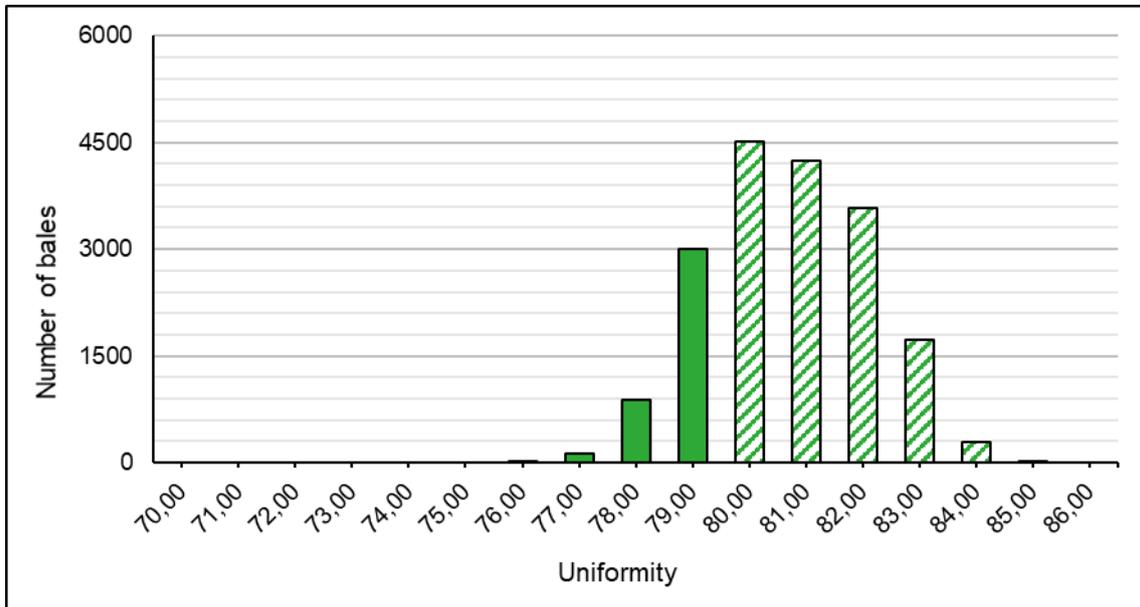


Figure 36: Distribution of DP 1541 by uniformity.

Table 37: Summary of the spinning consistency index achieved for DP 1541.

SCI	Number of bales	Percentage
0 - 99	725	3,9%
100 - 119	5953	32,4%
120 - 130	7454	40,6%
131 - 140	3774	20,5%
141 - 150	460	2,5%
151 - 170	10	0,1%
<b>Total</b>	<b>18376</b>	<b>100%</b>

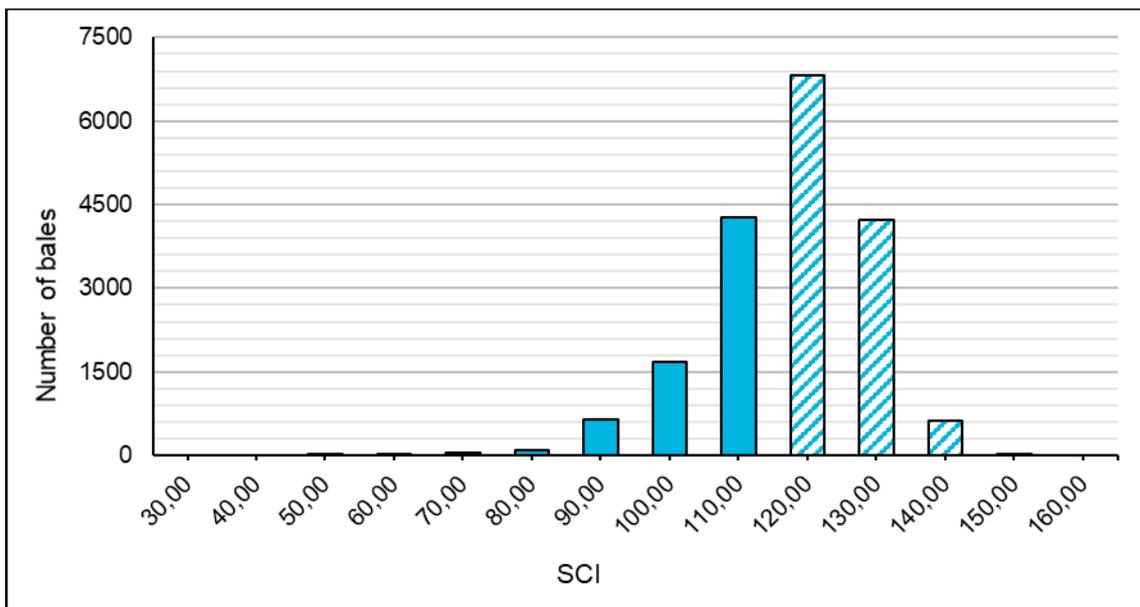
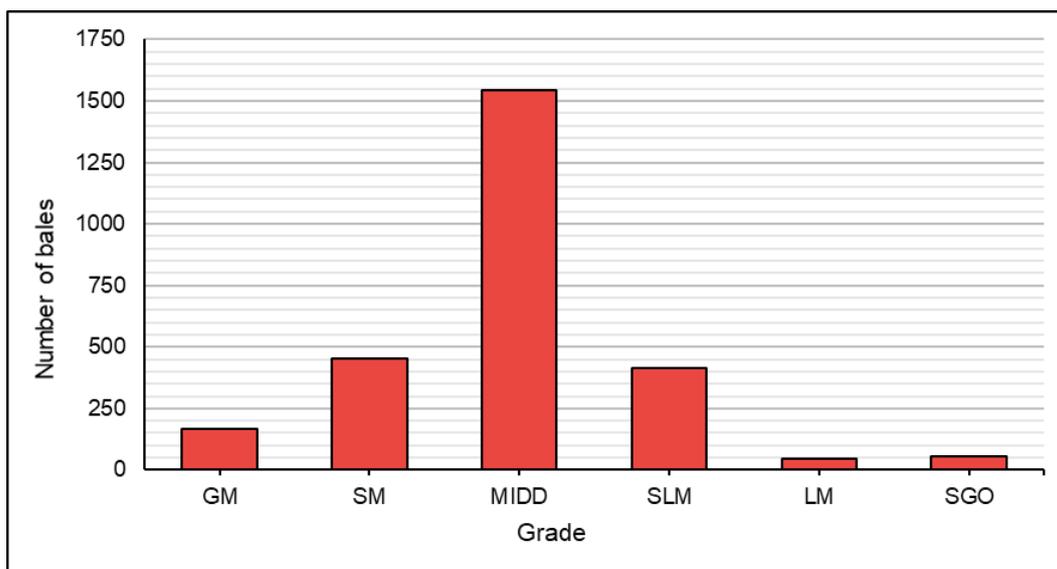


Figure 37: Distribution of DP 1541 by spinning consistency index.

## PM 3225 (Paymaster)

**Table 38: Summary of the grade achieved for PM 3225.**

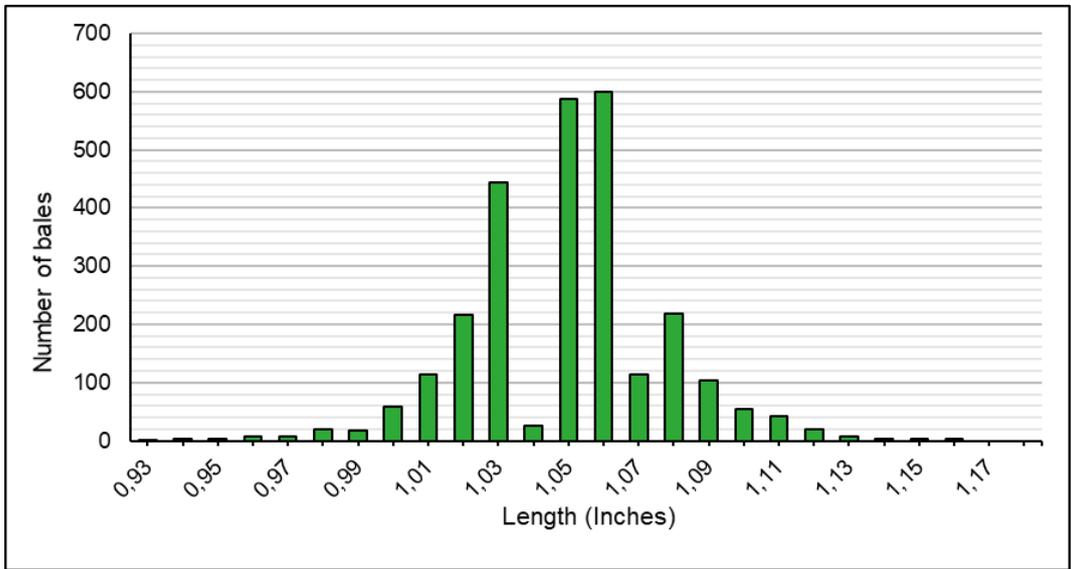
Grade	Number of bales	Percentage
Good Middling (GM)	166	6,2%
Strict Middling (SM)	455	17,0%
Middling (MIDD)	1544	57,7%
Strict Low Middling (SLM)	414	15,5%
Low Middling (LM)	45	1,7%
Strict Good Ordinary (SGO)	54	2,0%
<b>Total</b>	<b>2678</b>	<b>100%</b>



**Figure 38: Distribution of PM 3225 by grade.**

**Table 39: Summary of the length achieved for PM 3225.**

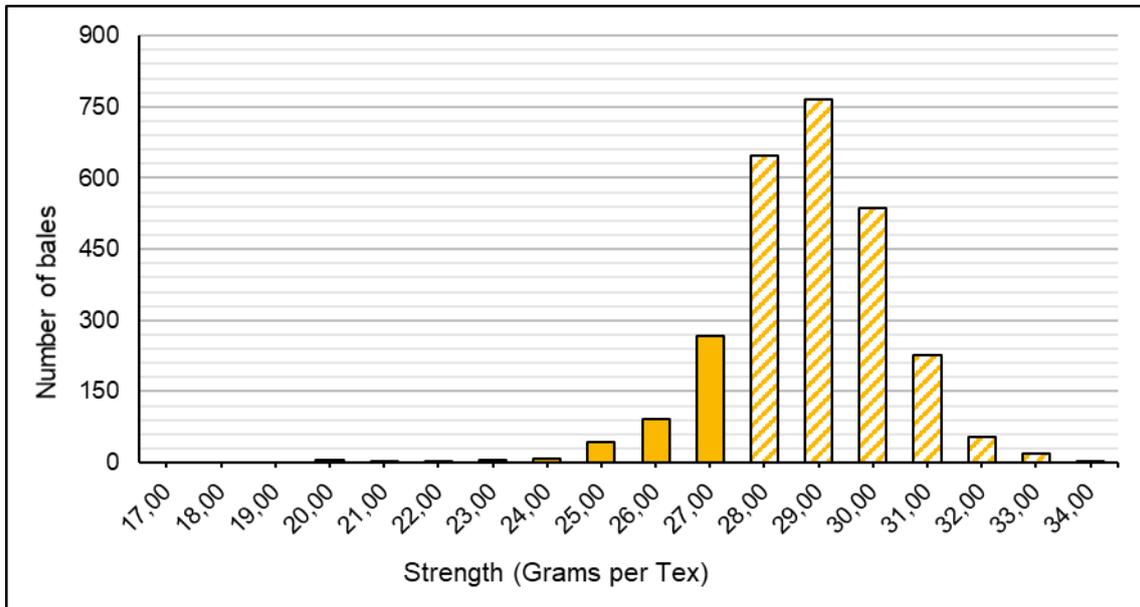
Length	Description	Number of bales	Percentage
0,0 - 0,97	less than 1"	25	0,9%
0,98 - 1,04	1 1/32"	895	33,4%
1,05 - 1,07	1 1/16"	1301	48,6%
1,08 - 1,10	1 3/32"	377	14,1%
1,11 - 1,13	1 1/8"	69	2,6%
1,14 - 1,16	1 5/32"	11	0,4%
1,17 - 1,40	1 3/16" and greater	0	0,0%
<b>Total</b>		<b>2678</b>	<b>100%</b>



**Figure 39: Distribution of PM 3225 by length.**

**Table 40: Summary of the strength achieved for PM 3225.**

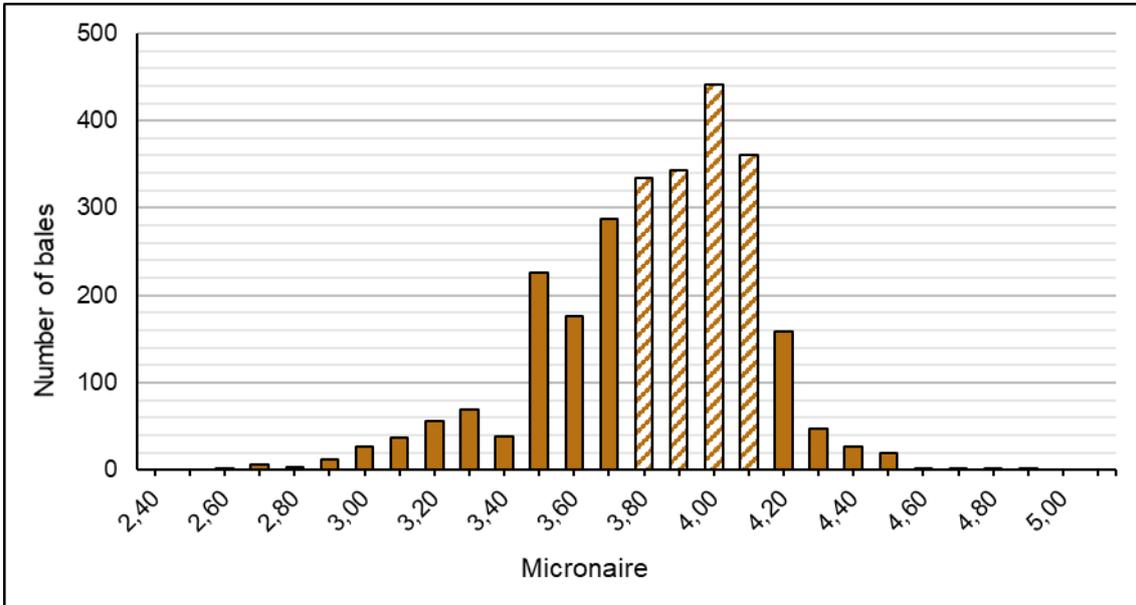
Strength	Description	Number of bales	Percentage
0,0 - 21,99	Very weak	6	0,2%
22,0 - 24,49	Weak	13	0,5%
24,5 - 27,99	Medium	407	15,2%
28,0 - 29,99	Strong	2178	81,3%
32,0 - 45,00	Very strong	74	2,8%
<b>Total</b>		<b>2678</b>	<b>100%</b>



**Figure 40: Distribution of PM 3225 by strength.**

**Table 41: Summary of the micronaire achieved for PM 3225.**

Micronaire	Description	Number of bales	Percentage
0,0 - 2,99	Very fine	23	0,9%
3,0 - 3,79	Fine	895	33,4%
3,8 - 4,79	Medium	1758	65,6%
4,8 - 6,0	Coarse	2	0,1%
<b>Total</b>		<b>2678</b>	<b>100%</b>



**Figure 41: Distribution of PM 3225 by micronaire.**

**Table 42: Summary of the short fibre index achieved for PM 3225.**

SFI	Description	Number of bales	Percentage
0,0 - 5,99	Very low	39	1,5%
6,0 - 9,99	Low	2305	86,1%
10,0 - 13,99	Medium	323	12,1%
14,0 - 17,99	High	4	0,1%
18,0 - 30,00	Very high	7	0,3%
<b>Total</b>		<b>2678</b>	<b>100%</b>

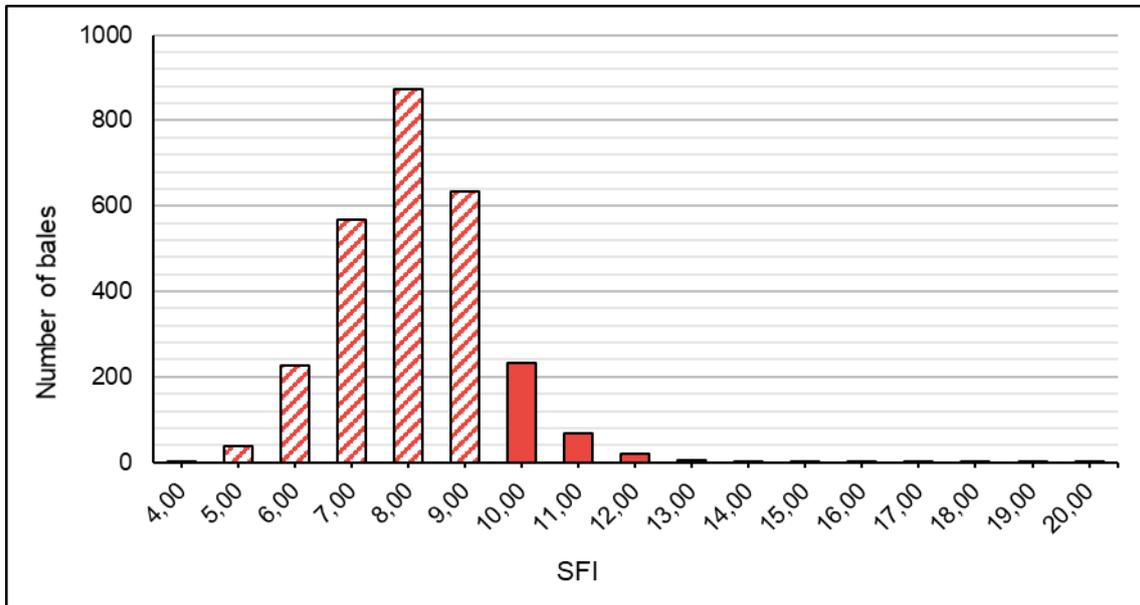


Figure 42: Distribution of PM 3225 by short fibre index.

Table 43: Summary of the uniformity achieved for PM 3225.

UI	Description	Number of bales	Percentage
0,0 - 76,9	Very low	17	0,5%
77,0 - 80,9	Low	1109	41,5%
81,0 - 84,9	Medium	1552	58,1%
85,0 - 89,0	High	0	0,0%
<b>Total</b>		<b>2678</b>	<b>100%</b>

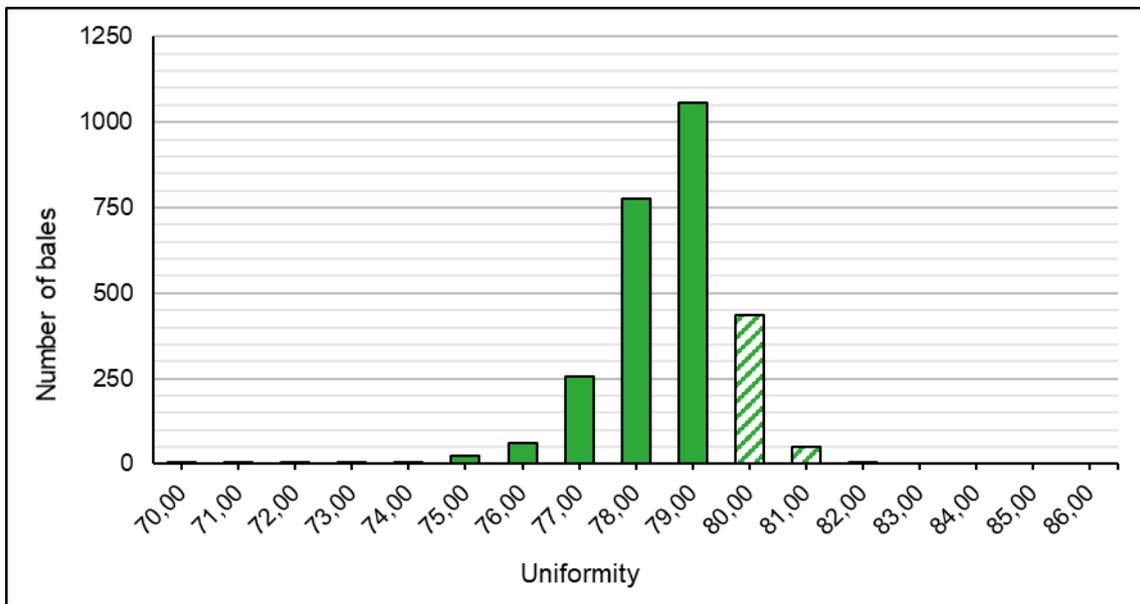
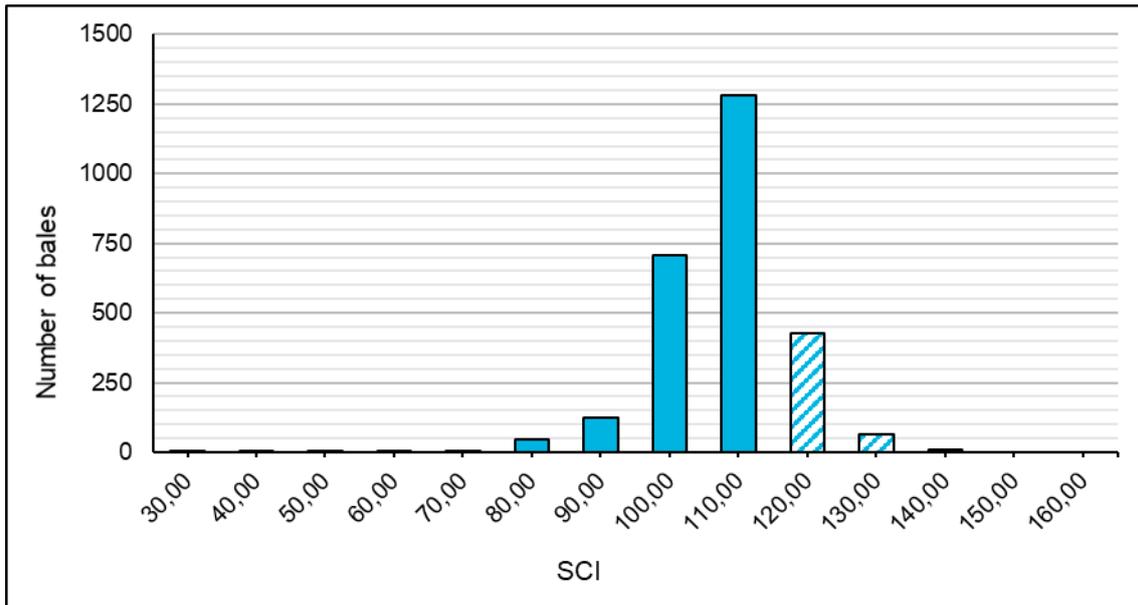


Figure 43: Distribution of PM 3225 by uniformity.

**Table 44: Summary of the spinning consistency index achieved for PM 3225.**

SCI	Number of bales	Percentage
0 - 99	66	2,5%
100 - 119	828	30,9%
120 - 130	1360	50,8%
131 - 140	360	13,4%
141 - 150	59	2,2%
151 - 170	5	0,2%
<b>Total</b>	<b>2678</b>	<b>100%</b>



**Figure 44: Distribution of PM 3225 by spinning consistency index.**

## References

Uster Technologies AG. 2008. *Uster HVI 1000 Application Handbook*. Switzerland: Uster Technologies AG.