

# International cotton value differences

Circular: 12/2024 Wednesday 20 November 2024

Status: Micronaire and Strength value differences are changed

- Notes:**
1. Value differences recorded in boxes are based on current market evidence available to the ICA
  2. B = Basis
  3. Value differences are operative on the business day following the date of this circular
  4. All value differences are published in US cent points per pound
  5. The ICA accepts no responsibility for the accuracy of the information contained in this circular

## 1) Grade and staple

### African Francozone

Grade	0	1	2	3	Staple	1.5/32"	1.1/8"	1.3/32"	1.1/16"
	-	B	-	-		100	B	-150	-325

### Argentine

Grade	B	C	C-1/2	D	D-1/2	E	F	Staple	1.1/8"	1.3/32"	1.1/16"	1.1/32"	inch	31/32"
	250	150	B	-250	-500	-800	-1200		250	100	B	-100	-200	-300

### Australian (based on Universal Standards)

Grade	GM	SM	MID	SLM	Staple	1.1/4"	1.7/32"	1.3/16"	1.5/32"	1.1/8"	1.3/32"	1.1/16"
White	100	B	-100	-300		250	175	100	50	B	-100	-300
Light Spotted	-50	-100	-175	-375								
Spotted	-175	-275	-375	-575								

### Azerbaijan (Saw-ginned)

Grade	1	2	3	4	5	Staple	1.1/8"	1.3/32"	1.1/16"	1.1/32"	inch
AZ1		50	B	-50	-125		100	50	B	-50	-
AZ2	PAR	-125	-200	-275	-325						
AZ3											
AZ4		-1075	-1100	-1175	-1325						
AZ5			-1225	-1425	-1625						

### Azerbaijan (Roller-ginned)

Grade	1	2	3	4	5	Staple	1.5/32"	1.1/8"	1.3/32"	1.1/16"	1.1/32"	inch
AZ1	125	75	B	-100	-200		150	100	50	B	-	-
AZ2	-50	-100	-200	-250	-375							
AZ3		-450	-575	-625								
AZ4		-975	-1100	-1200	-1425							
AZ5			-1900	-2150	-2350							

### Brazilian (based on Universal Standards)

Grade	SM	M	SLM	LM	Staple	1.5/32"	1.1/8"	1.3/32"	1.1/16"	1.1/32"
White	100	B	-100	-300		75	B	-150	-300	-
Light Spotted	-50	-100	-200	-350						
Spotted	-150	-250	-350	-550						

**Greek** (based on Universal Standards)

Grade	SM	M	SLM	LM	SGO	Staple	1.5/32"	1.1/8"	1.3/32"	1.1/16"
White	-	100	B	-150	-300		75	B	-150	-300
Light Spotted	PAR	-50	-100	-250	-400					
Spotted	-50	-200	-325	-475	-625					

**Indian**

Grade	Extra Superfine			Superfine		Fine	Fully Good	Good				
ICS 101	225			100		B	-100	-175				
ICS 102	225			100		B	-75	-150				
ICS 103	175			75		B	-75	-175				
ICS 104	175			100		B	-75	-150				
ICS 105	175			100		B	-100	-200				
ICS 106	275			125		B	-100	-175				
ICS 107	325			175		B	-175	-275				
ICS 201	150			75		B	-100	-150				
ICS 202	225			125		B	-125	-225				
<b>Staple</b>	15/16"	7/8"	13/16"				<b>Staple</b>	1.9/32"	1.1/4"	1.7/32"		
ICS 101	-	B	-150				ICS 106	600	B	-150		
ICS 102	175	B	-150									
<b>Staple</b>	31/32"	15/16"	29/32"	7/8"				<b>Staple</b>	1.7/16"	1.3/8"	1.5/16"	
ICS 103		100	B	-75				ICS 107	500	B	-300	
ICS 104	100	B	-100									
<b>Staple</b>	1.3/16"	1.5/32"	1.1/8"	1.3/32"	1.1/16"	1.1/32"	<b>Staple</b>	13/16"	7/8"	15/16"		
ICS 105	300	150	B	-125	-250	-375	ICS 201	-150	B	-		
							<b>Staple</b>	1.1/8"	1.3/32"	1.1/16"	1.1/32"	1"
							ICS 202	200	100	B	-100	-200

**Kyrgyzstan**

Grade	Maximum	Good	Average	Usual	Weed	Staple	1.1/8"	1.3/32"	1.1/16"	1.1/32"	inch
I	300	200	B	-150	-300		75	B	-50	-125	-
II	50	-125	-175	-400	-650						
III		-350	-525	-675	-850						

**Malawi**

(Roller-ginned)					(Saw-ginned)				
<b>Staple</b>	1.5/32"	1.1/8"	1.3/32"	1.1/16"	<b>Staple</b>	1.1/8"	1.3/32"	1.1/16"	1.1/32"
	50	B	-125	-300		125	B	-175	-350

**Mexican** (based on Universal Standards)

Grade	GM	SM	MID	SLM	Staple	1.1/8"	1.3/32"	1.1/16"	1.1/32"
White	175	100	B	-200		-	B	-50	-150
Light Spotted	PAR	-75	-125	-250					
Spotted	-100	-175	-275	-375					

**Mozambique**

Grade	Extra	1	2	3	4	5	6	Staple	1.1/8"	1.3/32"	1.1/16"	1.1/32"
	150	75	B	-150	-400	-650	-900		100	B	-100	-200

**Pakistan** (Sawginned)

Grade	Super	1	2	3	4	5	Staple	1.1/8"	1.3/32"	1.1/16"	1.1/32"	inch	31/32"	15/16"
	-	-	100	B	-100	-200		-	100	B	-100	-200	-	-

**Paraguayan**

Grade	No 3	No 4	No 5	No 6	No 7	No 8	Staple	1.5/32"	1.1/8"	1.3/32"	1.1/16"	1.1/32"
	200	B	-200	-400	-	-		-	100	B	-100	-

**Sudanese** ('X' represents a different staple for the grade as numbered)

BARAKAT	No 1	No X2	No 2	No X3	No 3	No X4	No 4	No X5	No 5	No X6	No 6	No C6
<b>Grade</b>	400	300	300	200	200	100	100	NIL	B	-100	-100	-
<b>Staple</b>	1200	1100	900	800	600	500	300	200	B	-100	-300	-

## Tanzanian (Mwanza)

### Roller Ginned

Grade	TANG	GANY+½	GANY	GANY-½	YIKA
	300	150	B	-150	-350

Staple	1.1/8"	1.3/32"	1.1/16"
	100	B	-150

### Sawginned

Grade	TANG	GANY+½	GANY	GANY-½	YIKA
	250	100	B	-150	-350

Staple	1.1/8"	1.3/32"	1.1/16"
	100	B	-100

## Turkish

### RG IZMIR (EGE)

Grade	No 1	No 2	No 3
RG IZMIR	B	-	-
LIGHT SPOTTED	-	-	-

### RG IZMIR (EGE)

Staple	1.5/32"	1.1/8"	1.3/32"	1.1/16"	1.1/32"
	-	B	-	-	-

### RG SOUTHEAST

Grade	EXTRA	No 1
RG SE	-	B
LIGHT SPOTTED	-	-

### RG SOUTHEAST

Staple	1.1/8"	1.3/32"	1.1/16"	1.1/32"	inch
	-	B	-	-	-

### SG UPLAND

Grade	EXTRA	No 1	No 2
SG UPL'D	-	B	-
LIGHT SPOTTED	-	-	-

### SG UPLAND

Staple	1.3/32"	1.1/16"	1.1/32"	inch
	-	B	-	-

## Ugandan

### BPA

Grade	UCON	UCOB	UCOP	UCOA	UCOM
	225	100	B	-150	-350

Staple	1.5/32"	1.1/8"	1.3/32"	1.1/16"	1.1/32"
	100	B	-100	-200	-

## USA California Acala SJV (based on Universal Standards)

Grade	GM	SM	MID	SLM	LM	SGO
	200	100	B	-300	-	-

Staple	1.1/4"	1.7/32"	1.3/16"	1.5/32"	1.1/8"	1.3/32"	1.1/16"
	400	250	100	B	-100	-300	-500

## USA EMOT & Other Upland Cotton (based on Universal Standards)

Grade	GM	SM	MID	SLM	LM	SGO	GO	Staple	1.3/16"	1.5/32"	1.1/8"	1.3/32"	1.1/16"	1.1/32"	inch	31/32"	15/16"
White	125	100	B	-100	-300	-	-		150	75	B	-100	-200	-400	-500	-700	-800
Spotted	-25	-125	-300	-450	-600	-	-										
Tinged		-300	-500	-650	-800	-	-										

## USA Pima

Grade	1	2	3	4	5	6
	150	B	-1000	-1500	-	-

Staple	1.1/2"	1.7/16"	1.3/8"	1.5/16"
	200	B	-200	-350

## Uzbekistan (Medium Staple)

Grade	OLYI	JAKSHI	URTA	ODDIY	IFLOS
BIRINCHI	350	250	B	-150	-350
IKKINCHI	75	-50	-200	-450	-700
UCHINCHI		-400	-600	-850	-1100
TURTINCHI		-1000	-1250	-1500	-1750
BESHINCHI		-	-	-	-

Staple	1.1/8"	1.3/32"	1.1/16"	1.1/32"	inch
	125	B	-125	-175	-

## Zambia

(Roller-ginned)

Staple	1.5/32"	1.1/8"	1.3/32"	1.1/16"
	50	B	-125	-300

(Saw-ginned)

Staple	1.1/8"	1.3/32"	1.1/16"	1.1/32"
	125	B	-175	-350

## Zimbabwe

(Roller-ginned)

Staple	1.5/32"	1.1/8"	1.3/32"	1.1/16"
	50	B	-125	-300

(Saw-ginned)

Staple	1.1/8"	1.3/32"	1.1/16"	1.1/32"
	125	B	-175	-350

## 2) Micronaire (Please read ICA Rules 222 to 237 for further information)

**Rule 236.1** In any dispute about micronaire, the procedure in Rule 234 will apply unless the parties agree otherwise

Micronaire value below  
the control limit by

Micronaire value below the control limit by	Percentage allowance
0.1	1.0
0.2	2.0
0.3	3.5
0.4	5.0
0.5	8.0
0.6	11.0
0.7	14.0
0.8	17.0
0.9	20.0
1.0	24.0

Plus 4.00% percentage allowance for each additional 0.10 of micronaire.

Micronaire value above  
the control limit by

Micronaire value above the control limit by	Percentage allowance
0.1	1.0
0.2	2.0
0.3	3.5
0.4	5.0
0.5	8.0
0.6	11.0
0.7	14.0
0.8	17.0
0.9	20.0
1.0	24.0

Plus 4.00% percentage allowance for each additional 0.1 of micronaire.

### How to calculate the Micronaire value difference:

1. Round each result\* with two or more decimal places to that with one decimal place (\*or unless otherwise agreed to use the average result).
2. Rounding method:  
For a digit less than 5, round down. For a digit 5 or greater, round up.  
For example: 3.41 to 3.44 are rounded to 3.4. 3.45 to 3.49 are rounded to 3.5.
3. Use the above table to work out the percentage allowance.

## 3) Strength (Please read ICA Rules 222 to 237 for further information)

**Rule 237.1** In any dispute about strength, the procedure in Rule 234 will apply unless the parties agree otherwise

HVI grams/tex below  
the control limit by

HVI grams/tex below the control limit by	Percentage allowance
1	1.25
2	2.50
3	4.75
4	7.75

Plus 3.00% percentage allowance for each additional 1 gram/tex.

### How to calculate the strength value difference:

1. Round each result\* with one or more decimal places to an integer (\*or unless otherwise agreed to use the average result).
2. Rounding method:  
For a digit less than 5, round down. For a digit 5 or greater, round up.  
For example: 27.1 to 27.4 are rounded to 27. 27.5 to 27.9 are rounded to 28.
3. Use the above table to work out the percentage allowance.

## 4) Multipliers (Please read ICA Rules 222 to 237 for further information)

**Rule 222.4 (Grade):** Where the grade (excluding light spotted, spotted, tinged and yellow stained) is found to be below the contracted quality then the following multiplier of the value differences shall apply:

0.5 full grade - actual value difference  
 1 full grade - actual value difference  
 1.5 full grades - 1.25 x value difference  
 2 full grades - 1.5 x value difference  
 2.5 full grades - 1.75 x value difference  
 3 full grades - 2 x value difference  
 3.5 full grades - 2.25 x value difference  
 4 full grades - 2.5 x value difference  
 And so on.

N.B. 1 colour grade or 1 leaf grade is equal to half of the value of a full grade.

Please refer to the Value Differences Circular for published value differences and an explanatory note.

**Rule 222.5 (Staple):** Where the staple is found to be below the contracted quality then the following multiplier of the value differences shall apply:

1/32" - actual value difference  
 1/16" - 1.5 value difference  
 3/32" - 2 x value difference  
 1/8" - 2.5 x value difference  
 5/32" - 3 x value difference  
 3/16" - 3.5 x value difference  
 7/32" - 4 x value difference  
 And so on.

## 5) Upland Length Conversion Table for Reference Purposes

Staple	32nd	inch			mm		
		From	Mid Point	To	From	Mid Point	To
3/4"	24	0.735	0.750	0.765	18.66	19.05	19.44
25/32"	25	0.766	0.781	0.796	19.45	19.84	20.24
13/16"	26	0.797	0.813	0.828	20.25	20.64	21.03
27/32"	27	0.829	0.844	0.859	21.04	21.43	21.82
7/8"	28	0.860	0.875	0.890	21.83	22.23	22.62
29/32"	29	0.891	0.906	0.921	22.63	23.02	23.41
15/16"	30	0.922	0.938	0.953	23.42	23.81	24.20
31/32"	31	0.954	0.969	0.984	24.21	24.61	25.00
1"	32	0.985	1.000	1.015	25.01	25.40	25.79
1.1/32"	33	1.016	1.031	1.046	25.80	26.19	26.59
1.1/16"	34	1.047	1.063	1.078	26.60	26.99	27.38
1.3/32"	35	1.079	1.094	1.109	27.39	27.78	28.17
1.1/8"	36	1.110	1.125	1.140	28.18	28.58	28.97
1.5/32"	37	1.141	1.156	1.171	28.98	29.37	29.76
1.3/16"	38	1.172	1.188	1.203	29.77	30.16	30.55
1.7/32"	39	1.204	1.219	1.234	30.56	30.96	31.35
1.1/4"	40	1.235	1.250	1.265	31.36	31.75	32.14
1.9/32"	41	1.266	1.281	1.296	32.15	32.54	32.94
1.5/16"	42	1.297	1.313	1.328	32.95	33.34	33.73

## 6) Examples of calculating grade and staple value differences

### USA EMOT & Other Upland Cotton (based on Universal Standards)

Grade	GM	SM	MID	SLM	LM	SGO	GO
White	125	100	B	-100	-300	-	-
Spotted	-25	-125	-300	-450	-600	-	-
Tinged		-300	-500	-650	-800	-	-

Staple	1.3/16"	1.5/32"	1.1/8"	1.3/32"	1.1/16"	1.1/32"	inch	31/32"	15/16"
	150	75	B	-100	-200	-400	-500	-700	-800

### 6.1 Terms

- 1.1 A value difference between GM, SM, MID, SLM, LM, SGO and GO - called **Horizontal Difference**.
- 1.2 A value difference between White, Spotted and Tinged - called **Vertical Difference**.

### 6.2 Guideline on how to use this circular

- 2.1 Find the appropriate growth/origin for cotton (for example USA EMOT) in the Value Differences Circular.
- 2.2 Note the agreed contracted quality and the actual delivered quality.
- 2.3 Calculate the Horizontal Difference – If applicable, use multipliers for the Horizontal Difference.
- 2.4 Calculate the Vertical Difference between the contracted and the actual delivered quality using the delivered quality column (Note there is no multiplier for the Vertical Difference in accordance with Rule 222).
- 2.5 Add together the Horizontal Difference with multipliers (if applicable) and the Vertical Difference.

### 6.3 Example 1 - Grade value difference between Contracted SM White (21) to Delivered SLM White (41)

#### USA EMOT & Other Upland Cotton (based on Universal Standards)

Grade	GM	SM	MID	SLM	LM	SGO	GO
White	125	100	B	-100	-300	-	-
Spotted	-25	-125	-300	-450	-600	-	-
Tinged		-300	-500	-650	-800	-	-

- 3.1 Calculate the Horizontal Difference in the table between SM White (100) and SLM White (-100) using the delivered quality column = 200.
- 3.2 The multiplier for two horizontal grades between SM White and SLM White = 1.5.
- 3.3 There is no Vertical Difference – as both contracted and delivered qualities are within the horizontal White Colour line.
- 3.4 Calculate the total grade difference =  $200 \times 1.5 = 300$ .

### 6.4 Example 2 – Grade value difference between Contracted SM White (21) to Delivered SLM Spotted (43)

#### USA EMOT & Other Upland Cotton (based on Universal Standards)

Grade	GM	SM	MID	SLM	LM	SGO	GO
White	125	100	B	-100	-300	-	-
Spotted	-25	-125	-300	-450	-600	-	-
Tinged		-300	-500	-650	-800	-	-

- 4.1 Calculate the Horizontal Difference in the table between SM White (100) and SLM White (-100) using the delivered quality column = 200.
- 4.2 The multiplier for two horizontal grades between SM White and SLM White = 1.5.
- 4.3 Calculate the Vertical Difference in the table between SLM White (-100) and SLM Spotted (-450) using the delivered quality column = 350.
- 4.4 Add together the total grade difference =  $200 \times 1.5 + 350 = 650$ .

### 6.5 Example 3 – Staple value difference between 1.5/32" and 1.3/32"

- 5.1 Calculate the value difference in the table between 1.5/32" and 1.3/32" = 175.
- 5.2 The multiplier for two staples (1/16" difference) between 1.5/32" and 1.3/32" = 1.5.
- 5.3 Calculate the total staple difference between 1.5/32" and 1.3/32" is  $175 \times 1.5 = 263$ .