

AUSTRALIAN BLUE FIBRE



PURPOSE

To consider the indications of the effect of using Australian Blue Fibre in the fibre blends for pressure pipe and couplings.

DATA

Australian blue fibre is one of the blue fibres used in pressure blends. It is also the most costly. Comparison of cost per ton are:

<u>Australian</u>	<u>African</u>	<u>Rhodesian</u>	<u>NC 300</u>
\$ 264.	\$ 252.	\$ 180.	\$ 253.

The Australian blue fibre is packed in 87# bags whereas other fibres are packed in 100# bags. The 87# bag creates a problem in measurement while mixing batches at the Willowing operation.

The period of January thru June 1959, was studied and figures relating to formed stock usage, ultimate recovery, and fibre usages were accumulated.

NC-300 blue fibre was used in five out of the six months studied as one of the four blue fibres in the blend. In April no Australian blue fibre was used, the blend of the other blue fibres making up the difference.

During April ultimate recovery was at the highest point of the six-month period, 94%. In the month of February more Australian blue fibre and less NC-300 was used in the blends than in any of the other five months, and during this month ultimate recovery was at the lowest, 89%, as was one other month, January, when the ratio of Australian to NC-300 was about one-third to two-thirds.

SUMMARY

If, for the six-month period, ultimate recovery could have been achieved as that of April, about \$22300. of savings could have been realized. Also, if African were used in direct substitution for the Australian fibre used, an additional \$2500. of savings could have been realized.

The foregoing summarization is made thru use of statistical data. Factors relating to quality of product, feasibility of using Australian Blue fibre and/or its effect on the physical properties of the product would have to be determined thru more scientific research and analysis.

Prepared by: O. C. Condon
L. C. Stenger, Jr.

Denison Finance Office
Pipe Division

Distribution: J. L. Durkin
C. D. Maguire (2)
T. R. Turnbull
K. J. Whalen (2)

Pipe Finance Managers
~~J. S. Parkinson~~
J. E. Hesse
G. E. DeLong

002965

Merissen Pipe Plant
F.O. Report 59-33
July 24, 1959

Australian Blue Fibre

Purpose

To consider the indications of the effect of using Australian Blue Fibre in the fibre blends for pressure pipe and couplings.

Date

Australian blue fibre is one of the blue fibres in pressure blends. It is also the most costly. Comparison of cost per ton are:

Australian	African	Philippine	MC 300
\$264	\$252	\$180	\$253

The Australian blue fibre is packed in 87# bags whereas other fibres are packed in 100# bags. The 7# bag creates a problem in measurement while using batches at the blending operation.

The period of January thru June, 1959, was studied and figured relating to forced stock usage, ultimate recovery, and fibre usage were accumulated. C-300 blue fibre was used in force out of the sil months which as one of the four blue fibres in the blend. In April no Australian blue fibre was used, the blend is other blue fibres making up the difference. During April the ultimate recovery was at the highest point of the sil-month period 94%. In the

002964

month of February more Australian blue fiber
was used in the blends than in any of the
other five months, and during this month utilization
was at the lowest, 89%, as was one other
month, January, when the ratio of Australian to 90
was about one-third to two-thirds.

If, for the six-month period, ultimate recovery could have been achieved as that of April, about £2500 of savings could have been realized. Also, if April were used in direct substitution for the Australian as well, an additional £1000 of savings could be realized.

The foregoing summary has made them use of statistical data & factors relating to quality of broadest possible of pure cotton blue fibres and / or also referred to the physical properties of the product as well as to the chemical them more recent for the same subject.

Report by J. C. Carter, R. C. Stinger, and J. C. Stinger, Finance Officer

Distribution: J L Parker
 C D Higgins (✓)
 J R Turnbull
 K J Whalen (✓)
 P. J. Higgins
 J. R. Harrison
 J. E. Hesse
 G. E. DeLong
 002965

Month		Revenue		Expenses		Balance	
Jan	1.00	4.75	192.12	10.00	187.37	187.37	
Feb		3.00	149.17	10.00	139.17	139.17	
Mar		4.99	165.71	10.00	129.16	129.16	
Apr		5.46	240.61	10.00	94.61	94.61	
May		3.80	225.55	10.00	69.61	69.61	
June		3.51	267.51	10.00	32.61	32.61	
Total		46.51	1050.67	60.00	242.61	242.61	
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					
June		3.00					
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					
June		3.00					
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					
June		3.00					
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					
June		3.00					
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					
June		3.00					
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					
June		3.00					
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					
June		3.00					
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					
June		3.00					
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					
June		3.00					
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					
June		3.00					
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					
June		3.00					
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					
June		3.00					
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					
June		3.00					
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					
June		3.00					
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					
June		3.00					
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					
June		3.00					
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					
June		3.00					
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					
June		3.00					
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					
June		3.00					
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					
June		3.00					
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					
June		3.00					
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					
June		3.00					
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					
June		3.00					
July		3.00					
Aug		3.00					
Sept		3.00					
Oct		3.00					
Nov		3.00					
Dec		3.00					
Jan		3.00					
Feb		3.00					
Mar		3.00					
Apr		3.00					
May		3.00					

Net Total for March May June 54474
Stock and 729157
May Apr to Actual Jan 502,26076
Average 17,798

Recovery Bureau Pipe & Cable

To Bureau
and out

00396

Revenue from 1st July only

7-24-59

Jan	88
Feb	89
Mar	91
Apr	94
May	93
June	95
July	92

Total # volume of stock used
 Total # volume of stock flow
 Total # volume of stock held
 Highest inventory

976863

80850

31,000

Summary of inventory at
 at highest inventory
 + all in stock 100% of stock

2,000

Total # volume of stock used

976863

002960