

NOTES ON 2013 SOUTH AFRICAN PRESERVATIVE TREATED TIMBER VOLUMES

PURPOSE AND BACKGROUND

The intention of the annual statistics is to inform and assist the local industry stakeholders in establishing the nature and volume of the local production market, to gauge and determine trends in the market, and to use as a strategic tool in managing your business. The preservative treated timber figures for the 2013 calendar year is a combination of actual recorded production volumes and chemical usage from two sections of industry, with a minor estimated adjustment for a small section whose data was not obtained. The data was obtained with the valued assistance of the independent third party certification bodies, industry representative bodies and individual processing plants.

SUMMARY

The estimated total volume of treated timber produced for 2013 was 1 065 580 m³ compared to the published estimated volume of 932 559 m³ for 2012.

Of this, the volume of treated poles (including round timber such as droppers and laths) produced for 2013 was 745 625 m³, an increase of 129 985 m³ from 2012, which was estimated at 615 640 m³. It's estimated that the volumes of creosote treated poles increased by 74 910 m³. Volumes of CCA treated poles increased by 54 729 m³.

The volume of treated sawn timber produced for 2013 was 319 955 m³, a marginal increase of 3 036 m³ from 2012 which was 316 919 m³.

ACKNOWLEDGEMENTS

We are once again grateful for the co-operation and input received from the South African wood preservation industry in total, including all the processing plants, and the two product certification bodies SATAS and the SABS. Without your cooperation and assistance we would not be able to publish the data. We are also grateful for the input from Forestry South Africa, and Crickmay & Associates who contributed to the additional information on total round wood and sawn timber sales for 2013.

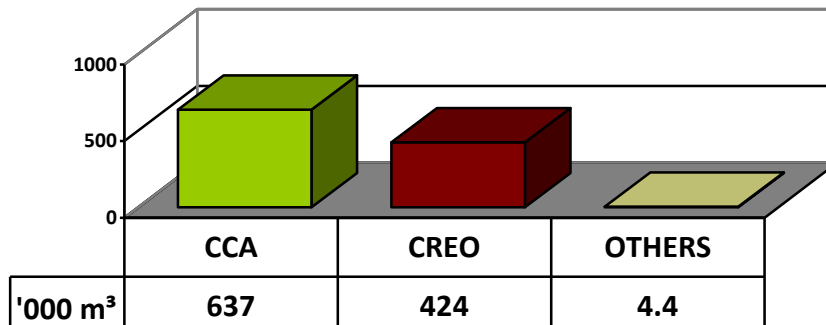
2013 TREATED TIMBER PRODUCTION ROUND AND SAWN

The estimated volume of all preservative treated timber produced in 2013 was 1 065 580 m³ compared to the volume of 932 559 m³ reported in 2012.

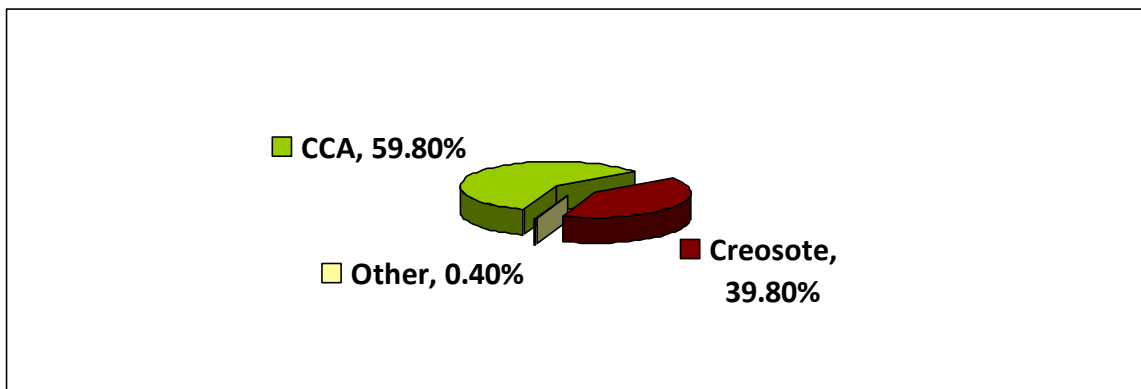
The volume was made up as follows

	<u>VOLUME IN M³</u>	<u>% CHANGE FROM 2012</u>
CCA:	637 032	+ 10.1
CREOSOTE:	424 155	+ 21.4
BORON:	1 139	+ 43.6
TBTN-P:	3 254	- 11.4
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TOTAL	1 065 580	+14.3 %

Volume per preservative type in m³

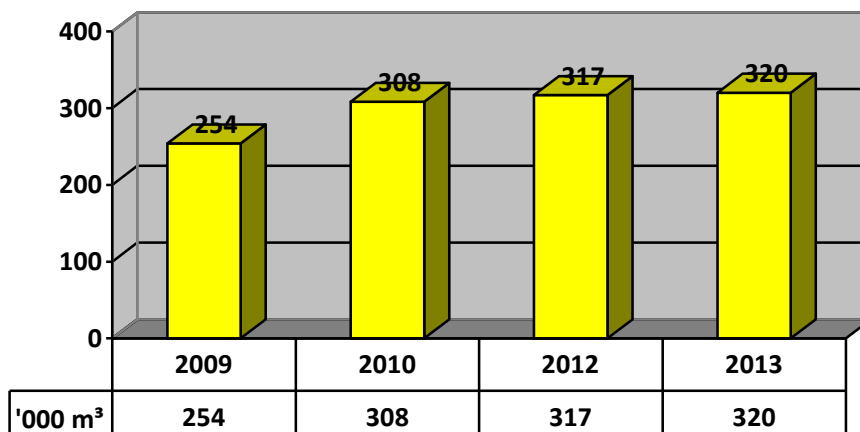


Volume per preservative type as a percentage



PRESERVATIVE TREATED SAWN TIMBER PRODUCTION 4 YEAR COMPARISON (Excl 2011)

CALENDAR YEAR '000 m ³	2009 [#] 254	2010 [#] 308	2012 [#] 317	2013 [#] 320
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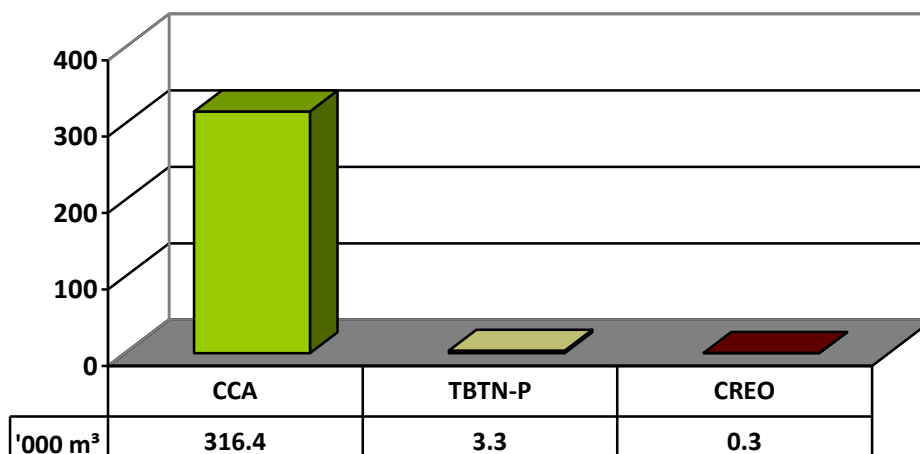


[#] Based on actual recorded volumes

2013 TREATED SAWN TIMBER PRODUCTION CHEMICAL TYPE

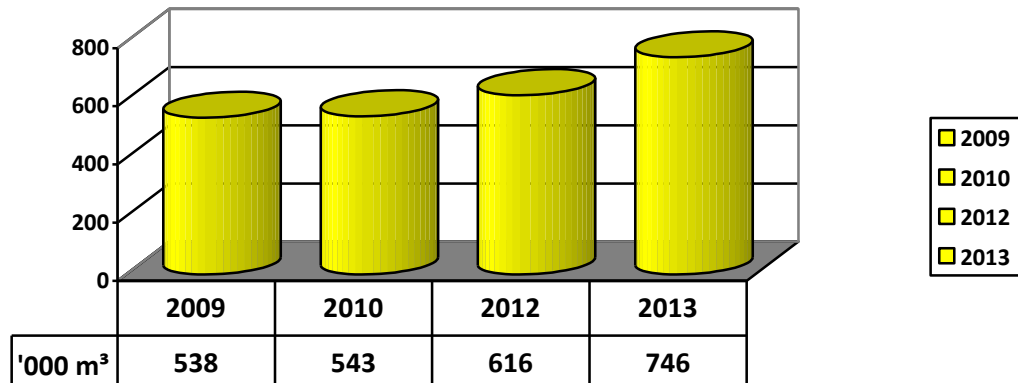
The volume of treated sawn timber per preservative type produced during 2012 was made up as follows:

	<u>VOLUME IN M³</u>	<u>% CHANGE FROM 2012</u>
CCA:	316 393	+ 1.1
TBTN-P:	3 254	- 11.4
CREO:	308	- 0.7
TOTAL	319 955	+ 1.0



PRESERVATIVE TREATED POLE PRODUCTION 4 YEAR COMPARISON (Excl 2011)

	Volume in m ³	<u>% Change from previous year</u>
2009 [#]	537 676	- 9
2010 [#]	543 114	+ 1
2012 [‡]	615 640	+ 13.4
2013 [*]	745 625	+ 21.1



Based on recorded volumes

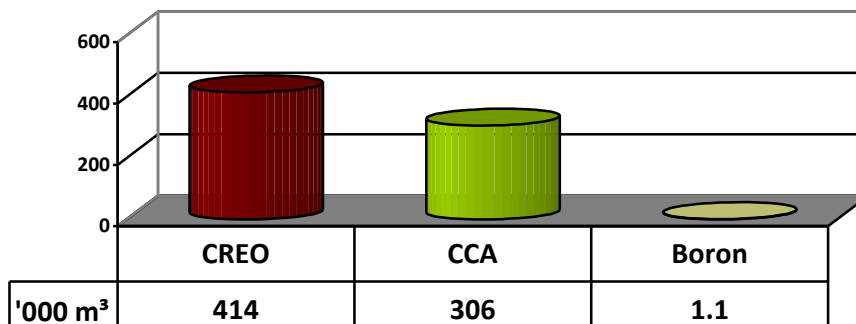
‡ Based on actual and estimated volumes

* Based on Actual treated volumes, volumes calculated from chemical usage and estimated volumes

TREATED POLE PRODUCTION CHEMICAL TYPE

The estimated volume of all treated poles per preservative type produced during 2013 is made up as follows:

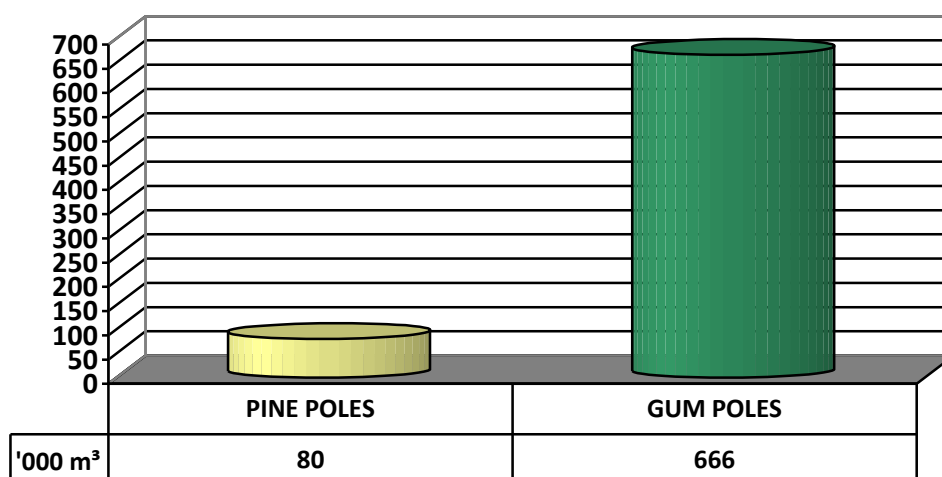
<u>PRESERVATIVE</u>	<u>VOLUME IN M³</u>	<u>% CHANGE FROM 2012</u>
CREOSOTE	423 847	+ 18.6
CCA	320 639	+ 14.9
BORON	1 139	+ 43.6
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TOTAL	745 625	+ 21.1



2013 TREATED POLE PRODUCTION COMMODITY & SPECIES

Product type and specie, m³

	<u>Transmission & Telephone</u>	<u>Building, Fencing & Agriculture</u>	<u>Total</u>	<u>% change</u>
PINE	1 811	78 098	79 909	+ 7.2
EUCALYPTUS	<u>300 024</u>	<u>365 692</u>	<u>665 716</u>	<u>+ 23.0</u>
TOTAL	301 835	443 790	745 625	+ 21.1



ROUNDWOOD SALES in 2013 (ex FSA members)

Round wood sales from FSA members' plantations in 2013 showed a decrease, recording total sales of 14 474 122 t, a decrease of 360 605 t or 2.4% less than in 2012.

A breakdown of these sales by species is given below:-

Tonnage Sales per Species

Species	Tons	% to Total	% Change
Eucalyptus	7 222 587	49.9	+3.9
Softwood	5 847 545	40.4	-10.2
Wattle	1 403 990	9.7	+2.4
Total	14 474 122	100	-2.4

According to FSA, the 2013 sales of round wood from their members' plantations by product were as follows:

Tonnage Sales per Product

Product	2013	2012	Change (tons)	Change %	% Total
Pulpwood	9 481 649	10 243 536	-760 887	-7.4	65.5
Sawlogs	4 100 920	3 916 110	184 810	4.7	28.3
Poles	470 510	307 417	163 093	53.1	3.3
Mining Timber	258 853	209 194	49 659	23.7	1.8
Woodchips: Soft	120 175	126 289	-6 114	-4.8	0.8
Other	42 015	33 181	8 834	26.6	0.3
Total	14 474 122	14 834 727	360 605	-2.4	100

With regards to sales per product, pole sales year on year increased the most – by 163 093 t or 53.1% in comparison to 2012, followed by Mining Timber – by 149 659 t or 23.7%. Pulpwood decreased the most – by 760 887 t or 7.4% of which softwood pulpwood decreased the most – by 721 211 t or 27 %. Sales of other products, dropped 8 834 tons or by 26.6%.

Isolating poles from the other products category, the following is noted. When compared to 2012, sales of softwood poles increased by 22.4% to 102 615 t. Hardwood pole sales increased by 64.6% to 367 894 t.

SAWN SOFTWOOD TIMBER PRODUCTION

The formal sawn softwood production for 2013 showed an increase of 34 750 m³, which represents an increase of 2.3%, versus an increase of only 0.5% seen in 2012. The production volumes for informal mills remained unchanged.

Production of sawn softwood timber out of the formal and informal sawmills were as follows:-

FORMAL MILLS	'000m ³	
	2013	2012
<u>Softwood</u>		
Local Building	1 186	1 114
Remanufacturing	209	187
Packaging and Other	164	226
Export	8	6
Total Formal Mills	1 568	1 533

INFORMAL MILLS (Estimated)

Softwood	572	572
Grand Total	2 140	2 015

The figures in the tables above do not include the volume of softwood timber which was imported into South Africa during 2013. The imported volumes amounted to 51 286 m³.

According to the figures received from the preservative treatment industry, the treatment of all sawn softwood timber (structural, decking, landscaping, etc.) represented 14.6 %, i.e. 319 955 m³ of the total sawn softwood production including formal mills, informal mills and imported softwoods.

According to information received from almost 80 % of the formal softwood industry approximately 17 % i.e. 266 467 m³ of their production was treated.

The above figures do not include sawn hardwood timber.



Prepared by the South African Wood Preservers Association on behalf of and with the assistance of

the South African Wood Preservation Industry