

THREE TRIALS SHOWING % INCREASE IN (LBS / TREE / MONTH) FOR				84	TREES USING THE PATENTED DTS RAINGUARD		
Dates		Days Available	84 TREES WITH DTS		100 TREES WITHOUT DTS		% INCREASE
9/14/2023			Total Lbs.	Lbs./ Tree /Month	Total Lbs.	Lbs./ Tree /Month	Lbs./Tree/Month
10/3/2023		19	148	2.78	120	1.89	47%
Dates		Days Available	84 TREES WITH DTS		100 TREES WITHOUT DTS		% INCREASE
10/6/2023			Total Lbs.	Lbs./ Tree /Month	Total Lbs.	Lbs./ Tree /Month	Lbs./Tree/Month
10/24/2023		18	122	2.42	90	1.50	61%
Dates		Days Available	84 TREES WITH DTS		100 TREES WITHOUT DTS		% INCREASE
11/1/2023			Total Lbs.	Lbs./ Tree /Month	Total Lbs.	Lbs./ Tree /Month	Lbs./Tree/Month
11/25/2023		24	145	2.16	110	1.38	57%
Average →		20	138	2.45	107	1.59	55%

1. SIXTEEN OF THE 100 TREES WITH DYNAMIC TAPPING SEALS (DTS) WERE LEAKING. THEREFORE ONLY 84 DTS WERE PERFORMING.
2. (Lbs / Tree / Month) is obtained by multiplying (Lbs. / Tree / Per / Day x (30 Days per Month)).
3. FOR TRIALS WITH A DIFFERENT NUMBER OF TREES BEING TAPPED WITH AND WITHOUT THE DTS RAIN GUARDS, THE LBS. PER TREE FOR EACH SET OF TREES HAS TO BE DIVIDED BY THE NUMBER OF DAYS EACH GROUP OF TREES WERE TAPPED FOR BOTH SET OF TREES WITH AND WITHOUT THE DTS RAIN GUARDS. THIS FINAL (LBS./TREE/ DAY) PERFORMANCE INDICATOR CAN BE MULTIPLIED BY THIRTY DAYS PER MONTH TO ESTABLISH A MONTHLY PERFORMANCE FACTOR AS DISPLAYED IN THE TABLE ABOVE AS (LBS. / TREE / MONTH).

THE CALCULATOR		
THE CALCULATOR USES THE AVERAGE DATA SHOWN AT THE BOTTOM OF THE TRIALS DATA SHEET		
PAY BACK PERIOD FOR INVESTMENT IN DTS FOR THE IN HOUSE TRIAL		
Total Days	20	Average of 20 days for the three trials
% Weight Increase	55%	Based on average for the trials
Number of Trees	84	Trees with DTS not leaking
Total Pounds	138	Average pounds for trees With DTS
Total Pounds	107	Average pounds for trees Without DTS
Increase Tons	0.014	Due to trees with DTS Installation
Rubber Price	\$600	(per ton/ 2204 lbs)
Increase in \$	\$9	In 20 Days due to DTS
Cost of a DTS	\$1.95	Based on tree size and quantity
Investment	\$164	Cost of 84 DTS
# Of (20 Days)	19.00	# of 20 Days to pay for the Investment
	386	total Days to pay for the Investment
PAY BACK IN MONTHS	12.9	Months at 30 Days per Month
VARIABLE DATA THAT CAN BE CHANGED ARE " Rubber Price" and " COST OF A DTS".		