

**DRAPE NET COSTS PER HA**

<b>ITEMS</b>	<b>POME FRUIT</b>	<b>APRICOTS &amp; NECTARINES</b>	<b>PLUMS</b>	<b>CHERRIES</b>	<b>PRUNE</b>
TREE ROW SPACING	4M X 1.5M	4M X 2M	3.28M X 2M	4M X 1,5M	4,5M X 2,5M
NUMBER OF TREES PER HECTARE	1 667	1 250	1 524	1 667	889
METER SQUARE	6	8	7	6	11
NUMBER OF ROWS PER 1HA (100M/4M ROW TO ROW LENGTH)	25	25	30	25	22
COST OF NET PER ROW	R5 926	R7 901	R7 901	R7 901	R9 877
COST OF NET PER 1HA	R148 151	R197 525	R240 884	R197 525	R219 482
EMPLOYEE COSTS	R7 487	R7 487	R7 487	R6 997	R6 997
<b>TOTAL COSTS PER HECTARE</b>	<b>R155 638</b>	<b>R205 012</b>	<b>R248 371</b>	<b>R204 522</b>	<b>R226 480</b>

Additional info

*\*\*use white nets for red and bi-colour apples*

*\*\*Black nets for green apples*

*\*\*contractor fees is around R7 487/ha to erect, take down and repair nets*

*\*\*with proper care each net should last 10 to 15 years*

*\*\*standard length of each net is 100 meters*

*\*\*note net prices differ from each supplier*

NETTING COSTS ON A PER HA BASIS

ASSUMPTIONS	Unit	Open-Close System	Flat Anti-hail	
TOTAL SURFACE	m2	10 000	10 000	
DISTANCE BETWEEN ROWS	Meter	4	4	
NUMBER OF ROWS	no	10	10	
TOTAL ROW LENGTH	Meter	2500	2 500	
NUMBER OF CROSS CONNECTIONS	No	4	4	
TOTAL CROSS CONNECTION LENGTH	No	897	897	
FRONT SIDES TOTAL LENGTH	No	75	75	
NET WIDTH	Meter	4.4	4.4	
DISTANCE BETWEEN TOP CLIPS	Meter	0.75	-	
DISTANCE BETWEEN OPEN-CLOSE CLIPS	Meter	1.3	-	
DISTANCE BETWEEN POSTS ALONG ROW	Meter	10.5	-	
NET STRUCTURE	SPECS	QTY	OPEN-CLOSE SYSTEM	FLAT ANTI-HAIL SYSTEM
SUPPORT MATERIAL			RAND/HA	RAND/HA
POLES				
PERIMETER POLES (4,8M - PINE- Class 5)	Class 5	47	R26 997	R26 997
INSIDE POLES (4,8M - PINE- Class 4)	Class 4	201	R92 543	R92 543
<b>TOTAL POLE COST</b>			<b>R119 540</b>	<b>R119 540</b>
ANCHORAGES				
CONCRETE PLATE	300mm	29	R1 953	R1 953
GALVANIZED POLES FOR ACHORING	AB-30	29	R2 250	R2 250
GALVANIZED STEEL ROPE: UPPER CONNECTION - 19 WIRES	7mm	220	R2 890	R2 890
GALVANIZED STEEL ROPE: LOWER CONNECTION - 19 WIRES	7mm	190	R2 505	R2 505
CLAMP FOR WIRE	8mm	229	R1 187	R1 187
<b>TOTAL ANCHORAGE COST</b>			<b>R10 784</b>	<b>R10 784</b>
STRUCTURAL WIRES				
GALVANIZED STEEL ROPE: TRUSS CONNECTION - 19 WIRES	7mm	81	R1 060	R1 060
PLASTIC COATED ROPE: HEAD TRUSS	4-6mm	86	R1 013	R1 013
ZN-AL GALVANIZED WIRE COMAVIT PLUS	4mm - 4-5% elongation	266	R10 570	R10 570
GALVANIZED ROPE: TRANSVERSE CONNECTION - 19 WIRES	5mm	962	R6 656	R6 656
<b>TOTAL STRUCTURAL WIRE COSTS</b>			<b>R19 298</b>	<b>R19 298</b>
NET & OTHER ACCESSORIES				
GREY ANTI HAIL NET	4,4m	11 440	R69 287	R69 287
CLAMP FOR TRANSVERSAL ROPE FIXING		18	R61	R61
CLAMP FOR TOP WIRE FIXING		38	R132	R132
CLAMP FOR GALVANIZED RING FIXING		19	R99	R99
CLAMP FOR HEADBOARD PLASTIC WIRE		19	R97	R97
ROPE BLOCK BAND: HEAD POSTS	M10	29	R1 112	R1 112
POLE COVER WITH FLAT NET KIT (DIAMETER)	160cm	19	R1 088	R1 088
POLE COVER WITH FLAT NET KIT (DIAMETER)	160cm	28	R1 590	R1 590
POLE COVER WITH FLAT NET KIT (DIAMETER)	130cm	201	R9 587	R9 587
OPEN-CLOSE NET CLOSE NET PLATE COMAVIT		1 923	R18 303	-
NET PLATE PLATE FOR LATERAL TENSIONING		48	R293	R293
GALVANISED S GALVANISED S HOOK		19	R99	R99
CLIP FOR FOR TOP WIRE FIXING		3 333	R9 806	-
GALVANIZED RING		19	R231	R231
NET BLOCK BAND: NET WRAPPING		1 099	R4 944	R4 944
<b>TOTAL NET AND ACCESSORY COSTS</b>			<b>R116 727</b>	<b>R88 619</b>
INSTALLATION FEE	PER HA		R113 620	R113 620
<b>TOTAL COST</b>			<b>R379 969</b>	<b>R351 861</b>

Notes:

\* Open-Close system would require platform for opening and closing and require additional capital layout.

\*Note that prices are influenced by block size, block shape, row width, soil conditions, pole type and spacing

\*All prices exclude VAT except for pine poles