



The grower's table is purely a guide, as agricultural shade netting requirements will depend on plant cultivar, location and climatic conditions in a specific region.

Leafy vegetables

Product	UV Block %	Shade %	Lettuce	Celery	Spinach	Cauliflower	Broccoli	Herbs
20% White	22%	12%	B.1.2	B.1.2				
20% Black	22%	20%	A.1	A.1				
20% Silver	22%	16%	A.1/B.2	A.1/B.2	A.1/B.2	A.1/B.2	A.1/B.2	
40% White	40%	18%	A.1/B.1	A.1/B.1	A.1/B.1	A.1/B.1	A.1/B.1	A.1/B.1
40% Grey	42%	33%	A.2	A.2	A.2	A.2	A.2	A.2
40% Titanium	38%	23%	A.1.2/B.2	A.1.2/B.2	A.1.2/B.2	A.1.2/B.2	A.1.2/B.2	A.1.2/B.2

Legend

Summer	A
Winter	B
High altitude	1
Low altitude	2

Fruit bearing vegetables

Product	UV Block %	Shade %	Tomatoes	Peppers	Paprika	Peppadew	Cucumbers	Beans	Melons	Baby marrows	Butternut
40% White	40%	18%	A.1/B.1.2	B.1.2	B.1.2	A.1/B.1.2		A.1/B.1.2	A.1/B.2	A.1/B.1.2	A.1/B.1.2
40% Grey	42%	33%	A.2/B.2	A.2/B.2	A.2/B.2	A.2/B.2		A.2/B.2	A.2	A.2/B.2	A.2/B.2
40% Titanium	38%	23%	A.1.2/B.2	A.1.2/B.2	A.1.2/B.2	A.1.2/B.2		A.1.2/B.2	A.1/B.2	A.1.2/B.2	A.1.2/B.2
50% White	50%	30%	A.2	A.2	A.2	A.2	A.1.2/B.2	B.2			

Orchards & Fruits

Product	UV Block %	Shade %	Apples	Plums	Peaches	Pears	Grapes	Strawberries	Cherries	Passion fruit	Citrus
20% Natural	4%	4%		X	X	X	X	X		X	X
20% White	22%	12%	X				X	X	X		X
20% Silver	22%	16%	X					X	X	X	
20% Black	22%	20%	X						X		

Flowers & Plants

Product	UV Block %	Shade %	Anthuriums	Ferns	Palms	Cycads	Orchids	Pot plants	Bedding plants	Lillies	Bulb production
20% Black	22%	20%									X
20% Silver	22%	16%									X
30% Black	22%	30%	X						X		X
40% Black	40%	40%			X	X	X	X	X	X	
40% Grey	42%	33%	X		X	X	X	X	X	X	
40% Titanium	38%	23%			X	X	X	X	X	X	X
50% Black	50%	50%									
70% Black	70%	70%		X							
80% Black	80%	80%		X							

Seedlings

Product	UV Block %	Shade %	Vegetable	Citrus	Mango	Macadamia	Indigenous	Forestry
30% White	30%	14%		X	X	X	X	
40% Black	40%	40%						X
40% White	40%	18%	X	X	X	X		
40% Grey	42%	33%	X				X	
40% Titanium	38%	23%	X					
50% Black	50%	50%						X

General purpose

Product	UV Block %	Shade %	Bird netting	Aquaculture	Nursery	Wind breaks	Reservoir covers	Ground sheets	Car ports	Bomas	Construction	Tunnel cladding
20% Black	20%	20%	X	X								
20% Silver	20%	16%	X	X								X
40% Green	40%	37%			X	X						
40% Grey	42%	33%										X
40% Titanium	38%	23%										X
50% Green	50%	46%			X	X						
80% Green	80%	76%			X	X	X	X	X	X	X	
80% Black	80%	80%				X	X	X	X	X	X	
80% Blue	80%	76%				X		X	X			
Port nets	90%	85%							X			

UV Block & Shade % is obtained from the CSRI National Metrology Laboratory.

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