

Straight Line Cold Frame Construction Cost
Material List and Estimated Cost (3/2011)
17 ft. x 32 ft. (544 ft²)

<i>Item</i>	<i>Cost</i>	<i>Quantity</i>	<i>Total Cost</i>
1. Plastic PVC Pipes 2 in. x 20 ft. / Schedule 40	22.00	12	\$ 264.00
2. Plastic PVC Pipe ¾ in. x 20 ft. / Schedule 40	10.00	5	50.00
3. Rebar ½ in. x 24 ins.	1.60	36	57.60
4. Plastic 2 in. PVC 45° Elbows	1.80	27	48.60
5. 2 Hole Conduit Straps ¾ Pipe Straps	0.25	27	6.75
6. Glue / Primer Set 16 oz.	25.00	1	25.00
7. Screws (Drywall Screws) 1 in. Box 150 Screws (1 lb.) 2 in. Box 150 Screws (1 lb.) 4 in. Box 150 Screws (1 lb.)	6.00 6.00 8.00	2 1 1	10.00 5.00 7.00
8. Wood Boards 1 in. x 4 in. x 10 ft. 1 in. x 4 in. x 12 ft.	7.00 8.50	12 7	84.00 59.50
9. Plastic Cover (6 mil) 28 ft. x 100 ft.	300.00	½	150.00
10. Wood Studs 2 in. x 4in. x 10ft.	3.50	21	73.50
11. Hinges	2.00	4	8.00
12. Latch	3.50	2	7.00
13. Paint	20.00	2	40.00
14. Rollers	7.00	1	7.00

Sub Total ***\$902.95***

Straight Line Construction Design

For Roll Up Sides

16.	Plastic PVC Pipes 2 in. x 20 ft. / Schedule 40	22.00	4	\$ 88.00
17.	Plastic 2 in. PVC 90° Elbows	2.10	4	8.40
18.	Plastic 2 in. PVC Tee	2.50	4	10.00
19.	Rebar 3/8 in. x 18 ins.	1.70	4	6.80

Sub Total ***\$113.20***

For Irrigation System

20.	Plastic Tee Joints 3/4 Slip Tee / Schedule 40	0.40	6	2.40
21.	Male Reducer Bushing 3/4 - 1/2 (1/2 Side Threaded)	0.50	6	3.00
22.	Plastic PVC Pipe 3/4 in. x 10 ft. / Schedule 40	2.50	1	2.50
23.	PVC Spray Nozzles 360° 1/2 inch	1.00	3	3.00
24.	PVC Spray Nozzles 180°	1.00	2	2.00
25.	PVC Ball Valve 3/4 inch	3.50	1	3.50
26.	PVC Hose Connector 3/4 inch	1.50	1	1.50
27.	End Cap 3/4 inch	0.35	5	1.75
28.	Plastic 3/4 in. 90° Elbow	0.30	1	0.30
29.	Plastic 3/4 in. 45° Elbow	0.70	1	0.70

Sub Total ***\$20.65***

Total Cost ***\$1.036.80***

Hoop House Construction
Material List and Estimated Cost (3/2011)
12 ft. x 32 ft. (384 ft²)

<u>Item</u>	<u>Cost</u>	<u>Quantity</u>		<u>Total Cost</u>
1. Plastic PVC Pipes 2 in. x 20 ft.	22.00	10		\$ 220.00
2. Plastic PVC Pipe ¾ in. x 20 ft.	10.00	6		60.00
3. 2 Hole Conduit Straps	0.25	28		7.00
4. Rebar ½ in. x 24 in.	1.70	36	18 St. 10 Tie Down 8 J Hooks	61.20
5. Glue / Primer Set 16 oz.	25.00	1		25.00
6. Screws (Drywall Screws)				
1 in. box 150 Screws	6.00	2		12.00
2 in. Box 150 Screws	6.00	1		6.00
4in. Box 150 Screws	8.00	1		8.00
7. Wood Boards				
1 in. x 4 in. x 8 ft.	6.00	6		36.00
1 in. x 4 in. x 10 ft.	7.00	8		56.00
1 in. x 4 in. x 12 ft.	8.50	4		34.00
8. Plastic Cover (6 mil) 24 ft. x 100 ft.	280.00	½		140.00
9. Wood Studs 2 in. x 4in. x 10ft.	3.50	16		56.00
10. Hinges	2.00	4		8.00
11. Latch	3.50	2		7.00
12. Paint	20.00	2		40.00
13. Rollers	7.00	1		7.00
<i>Sub Total Cost</i>				783.20

Hoop House Design

For Roll Up Side

15.	Plastic PVC Pipes 2 in. x 20 ft. / Schedule 40	22.00	2	\$ 44.00
16.	Plastic 2 in. PVC 90° Elbows	1.60	2	3.00
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<i>Sub Total Cost</i>				<i>47.00</i>

For Irrigation System

17.	Plastic PVC Pipe ¾ in. x 20 ft. / Schedule 40	5.00	2	10.00
18.	Plastic Tee Joints ¾ Slip Tee / Schedule 40	0.40	5	2.00
19.	Male Reducer Bushing ¾ - ½ (½ Side Threaded)	0.50	5	2.50
20.	Pipe Nipple 6 inch PVC	0.40	5	2.00
21.	PVC Spray Nozzles 360° ½ inch	1.00	5	5.00
22.	PVC Ball Valve ¾ inch	3.50	2	7.00
23.	PVC Hose Connector ¾ inch	1.50	1	1.50
24.	End Cap ¾ inch	0.35	5	1.75
25.	Plastic ¾ in. 90° Elbow	0.30	1	0.30
26.	Plastic ¾ in. 45° Elbow	0.70	1	0.70
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<i>Sub Total Cost</i>				<i>\$32.75</i>
<i>Total Cost</i>				<i>\$862.95</i>

Straight Frame Hoop House
Material List and Estimated Cost (3/2011)
16 ft. x 32 ft. (512 ft²)

1.	Plastic PVC Pipes 2 in. x 20 ft. / Schedule 40	20.00	13	\$ 220.00
2.	Plastic PVC Pipe ¾ in. x 20 ft. / Schedule 40	5.00	5	25.00
3.	Plastic 2 in. PVC - Tees	2.10	14	29.40
4.	Plastic 2 in. PVC - Elbows 90°	1.80	4	7.20
5.	2 Hole Conduit Straps ¾ Pipe Straps	0.25	33	8.25
6.	Glue / Primer Set 16 oz.	25.00	1	25.00
7.	Screws (Drywall Screws) 1 in. Box 150 Screws (1 lb.) 2 in. Box 150 Screws (1 lb.) 3 in. Box 150 Screws (1 lb.) 4 in. Box 150 Screws (1 lb.)	6.00 6.00 6.00 8.00	2 1 1 1	12.00 6.00 6.00 8.00
8.	Bolts / Nuts / Washers ¼ inch x 5 inch	1.00	20	20.00
9.	Wood Boards 1 in. x 4 in. x 10 ft. 1 in. x 4 in. x 12 ft.	7.00 8.50	5 6	35.00 51.00
10.	Plastic Cover (6 mil) 28 ft. x 50 ft.	280.00	1	280.00
11.	Wood Studs 2 in. x 4in. x 10ft. 2 in. x 4in. x 12ft.	3.60 4.00	12 10	43.20 40.00
12.	Wood Studs 4 in. x 4 in. 10 ft.	10.50	5	52.50
13.	Hinges	2.00	4	8.00
14.	Latch	3.50	2	7.00
15.	Cement	5.00	8	40.00
15.	Paint	20.00	2	40.00
<i>Sub Total</i>				<i>\$963.55</i>

Straight Frame Hoop House

For Roll Up Sides

16.	Plastic PVC Pipes 2 in. x 20 ft. / Schedule 40	20.00	4	\$ 80.00
17.	Plastic 2 in. PVC Elbows	1.80	4	7.20
18.	Plastic 2 in. PVC Tee	2.10	4	8.40
19.	Rebar $\frac{3}{8}$ in. x 18 ins.	1.70	4	6.80

Sub Total ***\$102.40***

For Irrigation System

20.	Plastic Tee Joints $\frac{3}{4}$ Slip Tee / Schedule 40	0.40	6	2.40
21.	Male Reducer Bushing $\frac{3}{4}$ - $\frac{1}{2}$ ($\frac{1}{2}$ Side Threaded)	0.50	6	3.00
22.	Plastic PVC Pipe $\frac{3}{4}$ in. x 10 ft. / Schedule 40	2.50	1	2.50
23.	PVC Spray Nozzles 360° $\frac{1}{2}$ inch	1.00	6	6.00
24.	PVC Ball Valve $\frac{3}{4}$ inch	3.25	1	3.25
25.	PVC Hose Connector $\frac{3}{4}$ inch	1.50	1	1.50
26.	End Cap $\frac{3}{4}$ inch	0.35	5	1.75
27.	Plastic $\frac{3}{4}$ in. 90° Elbow	0.30	1	0.30
28.	Plastic $\frac{3}{4}$ in. 45° Elbow	0.70	1	0.70

Sub Total ***\$21.40***

Total Cost ***\$1,087.35***