

System Materials Checklist

With your flow information and a design plan sketched out, it's time to work up a materials list of all the parts you will need for your drip irrigation system. Start with the parts for your water source connection; make sure to add all the required items and any adapter fittings that may be needed. Next, include the items necessary for your water distribution. Be sure to include enough 1/2" & 1/4" drip tubing, fittings and tubing holder stakes to cover the entire area to be watered. The final parts to add will be the drip emitters, soaker hose dripline, sprayers and bubblers.

We have included a materials checklist for you to use in conjunction with your design plan to source out all the items you will need for your drip system. Use the columns to the left for hash marks when you are counting up the individual items, then use the columns to the right to record the total needed for each part.

QUICK TIP: When creating your parts list, it's best to included a few extra fittings, emitters and goof plugs. These extra parts can be used to make repairs to your system if necessary and can help to keep your down time to a minimum.

Water Source Connections Items

_____  Timer (**DD-HEDT**) Qty_____

_____  Drip Zone Kit

3/4" Drip Assembly w/20 psi regulator (DD-DZ75LF20) Qty_____

3/4" Drip Assembly w/30 psi regulator (DD-DZ75LF30) Qty_____

_____  Irrigation Valve

3/4" Valve w/pipe threads (**DD-DFV075**) Qty_____

1" Valve w/pipe threads (**DD-DFV100**) Qty_____

1" Valve w/slip inlets (**DD-DFV100SS**) Qty_____

_____  Ball Valve

Inline Valve (**DD-BV75**) Qty_____

Y Ball Valve (**DD-YBV75**) Qty_____

_____  Backflow Preventer (**DD-HVB**) Qty_____



_____ Fertilizer Injector (**FI-EZ2013-HB**) Qty_____



_____ Filter

Inline Filter 3/4" hose threads (**DD-HIF75**) Qty_____

Y Style Filter 3/4" hose threads (**DD-YS75HFM**) Qty_____

Y Style Filter 3/4" pipe threads (**DD-YS75**) Qty_____

Y Style Filter 1" pipe threads (**DD-YS100**) Qty_____



_____ Pressure Regulator

20 psi 3/4" hose threads (**DD-HPR20**) Qty_____

30 psi 3/4" hose threads (**DD-HPR30**) Qty_____

45 psi 3/4" hose threads (**DD-HPR45**) Qty_____

20 psi 3/4" pipe threads (**DD-PR20LF-75**) Qty_____

30 psi 3/4" pipe threads (**DD-PR30LF-75**) Qty_____



_____ Drip Tubing Adapter

Compression Adapter w/FHT (**DD-CHS700**) Qty_____

Compression Adapter w/FPT (**DD-CFP700**) Qty_____

Direct-Loc Adapter w/FHT (**DL-FHS600**) Qty_____

1/4" Barbed Adapter w/FHT (**DD-CHS250**) Qty_____

Misc Adapter Fittings _____

Drip Tubing, Fittings & Accessories

Solid Drip Tubing



_____ 1/4" Micro Tubing (**DD-DH250-50, -100**) Ft_____



_____ 1/2" Solid Drip Tubing (**DH-700-50, -100, -500, -1000**) Ft_____



_____ 3/4" Solid Drip Tubing (**DH-940-50, -100, -500**) Ft_____

Fittings – 1/2" & 3/4" Compression or Direct-Loc (DD for Compression / DL for Direct-Loc)



_____ Couplings (**DD-C700 or DL-C600**) Qty_____



_____ Elbows (**DD-L700 or DL-L600**) Qty_____



_____ Tees (**DD-T700 or DL-T600**) Qty_____



_____ Crosses (**DL-CS600**) Qty_____



_____ Flow Valve (**DD-FCV700 or DL-FCV600**) Qty_____



_____ End Caps (**DD-EC700 or DL-EC600**) Qty_____



_____ Figure 8 End Cap (**DD-F8**) Qty_____

Misc Fittings _____

Fittings – 1/4" Barbed



_____ Connectors (**DD-C250**) Qty_____



_____ Elbows (**DD-L250**) Qty_____



_____ Tees (**DD-T250**) Qty_____



_____ Crosses (**DD-CS250**) Qty_____



_____ Flow Valves (**DD-FVC250**) Qty_____



_____ Goof Plug (**DD-GP**) Qty_____



_____ Bug Plugs (**DD-BP250**) Qty_____



Tubing Stakes

_____ 1/4" Micro Stakes (**DD-D2**) Qty_____

_____ 1/2" Plastic Hold Down Stake (**DD-S1**) Qty_____

_____ 1/2" Metal Hold Down Stake (**DD-S8**) Qty_____



Tubing Mounting Clips (x = W for white or B for black)

_____ 1/4" Micro Clips (**DD-MC700x**) Qty_____

_____ 1/2" Clips (**DD-MC250x**) Qty_____



Hole Punch

Key Punch (**DD-KP**) Qty_____

Deluxe Hand Punch (**DD-HP250**) Qty_____

Super Punch (**DD-SP250**) Qty_____

Drip Emitters



Pressure Compensating Emitters

_____ .5 GPH (**DD-PCE5, DD-TC5, DD-PCP5**) Qty_____

_____ 1 GPH (**DD-PCE10, DD-TC10, DD-PCP10**) Qty_____

_____ 2 GPH (**DD-PCE20, DD-TC20, DD-PCP20**) Qty_____



Non Pressure Compensating Emitter

_____ .5 GPH (**DD-TTE5, DD-ILE5**) Qty_____

_____ 1 GPH (**DD-TTE10, DD-ILE10, DD-TAE10**) Qty_____

_____ 2 GPH (**DD-TTE20, DD-TAE20**) Qty_____

_____ 4 GPH (**DD-TAE40**) Qty_____



Soaker Hose Dripline

_____ 1/4" Soaker Hose Emitter Spacing_____ Ft_____

_____ 1/2" Soaker Hose Emitter Spacing_____ Ft_____

Micro Jets & Sprayers



Adjustable Stream Bubbler

_____ 180° Bubbler w/6" Stake (**DD-SR180S**) Qty_____

_____ 360° Bubbler w/6" Stake (**DD-SR360S**) Qty_____

_____ 180° Bubbler w/Barbed End (**DD-SR180B**) Qty_____

_____ 360° Bubbler w/Barbed End (**DD-SR360B**) Qty_____

_____ 180° Bubbler w/10-32 Threads (**DD-SR180T**) Qty_____

_____ 360° Bubbler w/10-32 Threads (**DD-SR360T**) Qty_____



Adjustable Spectrum Sprayer

_____ 360° Sprayer w/6" Stake (**DD-SM360S**) Qty_____

_____ 360° Sprayer w/Barbed End (**DD-SM360B**) Qty_____

_____ 360° Sprayer w/10-32 Threads (**DD-SM360T**) Qty_____



Adjustable Stream Sprayer

- _____ 90° Sprayer (**DD-MJVQ**) Qty_____
- _____ 180° Sprayer (**DD-MJVH**) Qty_____
- _____ 360° Sprayer (**DD-MJVF**) Qty_____



Adjustable Rotary Sprinkler

- _____ 360° Sprinkler w/10-32 Threads (**DD-VRS**) Qty_____



Micro Sprays – 1 Piece 0.040 Orifice

- _____ 90° (**DD-MSQ40**) Qty_____
- _____ 180° (**DD-MSH40**) Qty_____
- _____ 360° (**DD-MSF40**) Qty_____



Micro Sprays – 1 Piece 0.060 Orifice

- _____ 90° (**DD-MSQ60**) Qty_____
- _____ 180° (**DD-MSH60**) Qty_____
- _____ 360° (**DD-MSF60**) Qty_____




Micro Sprays – Base & Caps

- _____ Black .030" Orifice (**DD-MSB30**) Qty_____
- _____ Blue .040" Orifice (**DD-MSB40**) Qty_____
- _____ Green .050" Orifice (**DD-MSB50**) Qty_____
- _____ Red .060" Orifice (**DD-MSB60**) Qty_____
- _____ 90° Green Cap (**DD-MCQ**) Qty_____
- _____ 180° Red Cap (**DD-MCH**) Qty_____
- _____ 360° Blue Cap (**DD-MCF**) Qty_____

Adjustable Stake Assembly

 _____ 13" Stake (**DD-MJCS13**) Qty_____

 Rigid Riser w/Barb

_____ 8" Riser (**DD-MJRB8**) Qty_____


_____ 12" Riser (**DD-MJRB12**) Qty_____

_____ 18" Riser (**DD-MJRB18**) Qty_____

 Micro Spray Stake w/Vinyl Tubing

_____ 12" Stake (**DD-MJSA12**) Qty_____

_____ 20" Stake (**DD-MJSA20**) Qty_____

 Rigid Riser w/Thread

_____ 8" Riser (**DD-MJRE8**) Qty_____

_____ 12" Riser (**DD-MJRE12**) Qty_____

_____ 18" Riser (**DD-MJRE18**) Qty_____