

— Profitable —
URBANFARMING

Tools & Materials List

Bed Prep

Tractor - Option #1 – BCS Model 732 (MSRP \$3,449)

<http://www.bcsamerica.com/tractors/model-732/>

Tractor - Option #2 – BCS Model 853 (MSRP \$4,275)

<http://www.bcsamerica.com/tractors/model-853/>

30" Rear-line Tiller (\$760)

<http://www.bcsamerica.com/attachments/tiller/>

BCS Rotary Plow (\$1,399)

<http://www.bcsamerica.com/attachments/rotary-plow/>

BCS Power Harrow (\$2,499)

<http://www.bcsamerica.com/attachments/power-harrow/>

Seedbed Roller – 30" wide (\$269)

<http://www.johnnyseeds.com/p-9181-johnnys-seedbed-roller-30-wide.aspx>

Landscape Rake

3' Landscape Rake

<http://www.amazon.com/Truper-32400-36-Inch-Aluminum-Landscape/dp/B0052X8GNS>

Truper Welded Bow Rake (\$31.33)

http://www.amazon.com/Truper-31353-48-Inch-Welded-Handle/dp/B000H5P2P6/ref=sr_1_1?ie=UTF8&qid=1449963435&sr=8-1&keywords=truper+welded+bow+rake

Row Markers

Johnny's Row Markers (pkg. of 6) (\$5.25)

<http://www.johnnyseeds.com/p-6241-row-markers.aspx>

Tarps

12x25' Super Heavy Duty Brown Tarp (\$72.49)

http://www.amazon.com/Super-Heavy-Duty-Brown-Tarp/dp/B002X88DJC/ref=pd_sim_lg_25?ie=UTF8&refRID=0HE1JXN2JAXBTWTZ92N2

20x30' Super Heavy Duty 8oz. Brown Tarp (\$145.99)

http://www.amazon.com/Super-Heavy-Duty-Brown-Tarp/dp/B0009Q28QY/ref=sr_1_29?s=hi&ie=UTF8&qid=1428950760&sr=1-29

20x40' Super Heavy Duty 8oz. Brown Tarp (\$192.99)

http://www.amazon.com/Super-Heavy-Duty-Brown-Tarp/dp/B002YJDY90/ref=sr_1_51?s=hi&ie=UTF8&qid=1428950774&sr=1-51

Planting

Seeder Option #1 – Jang JP-1 Seeder (\$405.00)

http://www.johnnyseeds.com/p-9515-jang-jp-1-seeder-without-roller.aspx?utm_source=froogle&utm_medium=CSE&utm_campaign=MerchantAdv&zam=80483139&zmas=1&zmac=1&zmap=7319.0&gclid=CjwKEAjw0q2pBRC3jrb24JjE8VgSJAAYIzAdJUuDkAEv6ALKCnn9uZpeRvx7SdY5FGuFiaFhX5DgNhoCzsLw_wcB

Jang Rollers:

- **Jang Seed Roller F-24 (\$25.00)**
<http://www.johnnyseeds.com/p-8434-jang-seed-roller-f-24.aspx>
- **Jang Seed Roller YYJ-24 (\$25.00)**
<http://www.johnnyseeds.com/p-8947-jang-seed-roller-yyj24.aspx>
- **Jang Seed Roller XYY-24 (\$30.00)**
<http://www.johnnyseeds.com/p-8510-jang-seed-roller-xyy-24.aspx>
- **Jang Seed Roller G12 (\$20.00)**
<http://www.johnnyseeds.com/p-8929-jang-seed-roller-g-12.aspx>
- **Jang Seed Roller MJ-24 (\$25.00)**
<http://www.johnnyseeds.com/p-8520-jang-seed-roller-mj-24.aspx>
- **Jang Seed Roller X24 (\$25.00)**
<http://www.johnnyseeds.com/p-8541-jang-seed-roller-x-24.aspx>

Seeder Option #2- Earthway 1001-B Precision Garden Seeder w/ 6 seed plates (\$99.99)

Comes with: Sweet Corn, Bean, Peas, Carrots, Beets, and Radishes

http://www.amazon.com/Earthway-1001-B-Precision-Garden-Seeder/dp/B00002N66A/ref=cm_cr_pr_product_top?ie=UTF8

Earthway Plates - Earthway Standard Seed Plates - (\$25)

http://www.amazon.com/Earthway-Standard-Seed-Plates/dp/B00002N8IM/ref=sr_1_1?s=lawn-garden&ie=UTF8&qid=1428951352&sr=1-1&keywords=chard+plate+earthway

Earthway Seed Plate Guide

<http://earthway.com/manuals/1b3e89a7-ebd5-473d-ae01-187dda4e4911.pdf>

Weeding

Stirrup Hoe (7") (\$53.95)

<http://www.johnnyseeds.com/p-5973-7-stirrup-hoe.aspx>

Stirrup Hoe (5") (\$51.95)

<http://www.johnnyseeds.com/p-5496-5-stirrup-hoe.aspx>

PitchFork (\$59.99)

<http://www.amazon.com/Radius-Garden-203-Ergonomic-Stainless/dp/B000QUXOM0>

Johnny's 727 Broadfork (\$209.00)

<http://www.johnnyseeds.com/p-6619-johnnys-727-broadfork.aspx>

Five-Torch Model - 30" wider Model #500 - \$505, plus extras

<http://flameweeder.com/toppage6.htm>

- **Marshall Pressure Regulator (\$45)**
- **Squeeze Valve (\$57)**
- **End Guards (\$21)**

Backpack for Propane Tank - Red Dragon BP 2512 (\$300~)

<http://www.amazon.com/Red-Dragon-BP-2512-SVC/dp/B000NI7PQG>

Harvesting

Quick Greens Harvester (discontinued)

<http://www.johnnyseeds.com/p-9292-quick-cut-greens-harvester.aspx>

Kitchen Steak Knife or small harvesting sickle (\$10)

http://www.amazon.com/Zenport-K208P-Serration-6-5-Inch-Stainless/dp/B0054LXP5W/ref=sr_1_cc_1?s=aps&ie=UTF8&qid=1428954582&sr=1-1-catcorr&keywords=harvesting+knife

Elastic Bands for Bunching

Totes –18 Gallon, 14 Gallon, 10 Gallon, 3 Gallon

<http://www.homedepot.com/s/roughneck?NCNI-5>

Macro Totes

<http://www.macroplastics.com/products/macrotote-6-fv/>

Washing

Wash Table (DIY)

Greens Spinner – Converted Washing Machine (DIY)

Mesh Bag –(\$6.99)

http://www.amazon.com/Heavy-Duty-Commercial-Mesh-Laundry/dp/B00FQPGWX8/ref=pd_sim_hg_2?ie=UTF8&refRID=1DTBEDTB0CEDZYQPQ93T

Dramm 12353 Heavy-Duty Brass Shut-Off Valve (\$18.19)

http://www.amazon.com/Dramm-12353-Heavy-Duty-Brass-Shut-Off/dp/B000HHQAQY/ref=sr_1_1?ie=UTF8&qid=1428955127&sr=8-1&keywords=dramm+shutoff

Auto - Sump Pump – Wayne 57729 – WYN1 Auto Utility Pump (\$95.99)

http://www.amazon.com/Wayne-57729-WYN1-Auto-Utility-Pump/dp/B00502AIUU/ref=sr_1_11?s=hi&ie=UTF8&qid=1428955301&sr=1-11&keywords=sump+pump

Drying

Box Fan – Lasko #3722 20-inch Premium Box Fan (\$37~)

http://www.amazon.com/Lasko-3723-20-Inch-Premium-3-SPEED/dp/B000HHJ2I2/ref=sr_1_1?s=lawn-garden&ie=UTF8&qid=1449962723&sr=8-1&keywords=lasko+box+fan

Drying Table – DIY

Cold Storage

Walk-In Cooler:

- **CoolBot Walk-In Cooler Controller for Air Conditioner (\$315.00)**
http://www.amazon.com/CoolBot-Cooler-Controller-window-conditioner/dp/B003VSLTAI/ref=sr_1_1?ie=UTF8&qid=1428955658&sr=8-1&keywords=COOL+BOT
- **Walls (framing) 2x4 studs**
- **Insulation (Rmax on both sides)**
<http://www.homedepot.com/s/rmax?NCNI-5>
- **Foil Tape**
http://www.amazon.com/3M-Foil-Tape-3381-Silver/dp/B00A7I5L86/ref=sr_1_2?ie=UTF8&qid=1449962765&sr=8-2&keywords=3m+foil+tape

Market Prep

Analog Scale – Norpro Scale (\$24.14)

http://www.amazon.com/Norpro-8625-Scale/dp/B000B6E08W/ref=sr_1_3?s=kitchen&ie=UTF8&qid=1428957239&sr=1-3&keywords=mechanical+scale

Weston (44 pound) – \$44.76

http://www.amazon.com/Weston-Flat-Dial-Scale-Pound/dp/B000T3L2AA/ref=sr_1_cc_1?s=aps&ie=UTF8&qid=1428957627&sr=1-1-catcorr&keywords=small+farm+mechanical+scale

Digital Scale – KD8000

http://www.amazon.com/Kitchen-Scale-Bakers-KD8000-Weight/dp/B001NE0FU2/ref=sr_1_18?s=home-garden&ie=UTF8&qid=1428957295&sr=1-18&keywords=digital+food+scale

+ AC adapter (\$14.99)

http://www.amazon.com/Weigh-KD8000-replacement-supply-adaptor/dp/B00JE74NKS/ref=pd_bxgy_hpc_img_y

Compostable Clamshells

<http://greenpaperproducts.com/biodegradable-clamshells.aspx>

Cardboard Boxes – Source from Local Distributors

Nursery Equipment

Plug Flat (128 sq) (pack of 5) \$15.40

<http://www.johnnyseeds.com/p-8132-plug-flats-128-cellsflat-pack-of-5.aspx>

Plug Flat (200 sq) (pack of 5) \$17.45

<http://www.johnnyseeds.com/p-8131-plug-flats-200-cellsflat-pack-of-5.aspx>

Soil Mixing Table (DIY)

Soil Sifter (DIY)

Watering Wand – Dramm 12368 (\$16.01)

http://www.amazon.com/Dramm-12368-Classic-Watering-16-Inch/dp/B001P80G7S/ref=sr_1_1?ie=UTF8&qid=1449962968&sr=8-1&keywords=dramm+watering+wand+12368

Season Extension

Low Tunnels (for 2 beds x 25’):

- **Quick Hoops Low Tunnel Bender (\$59.00)**
<http://www.johnnyseeds.com/p-7707-quick-hoops-low-tunnel-bender-6-w-x-3-h.aspx>
- **(6) ½” x 10’ EMT**
<http://www.homedepot.com/p/Allied-Tube-Conduit-1-2-in-x-10-ft-Electric-Metallic-Tube-Conduit-101543/100400405>
- **(2) #4 rebar x 18”**

<http://www.homedepot.com/p/Weyerhaeuser-1-2-in-x-10-ft-Rebar-05366/202094293>

- **3/8" x 40' Nylon Rope**
<http://www.homedepot.com/p/Rope-King-3-8-in-x-600-ft-Twisted-Poly-Rope-Yellow-TP-38600Y/203563676>
- **10' x 33' cut 6mm Poly**
<http://www.johnnyseeds.com/p-7709-tufflite-nursery-clear-greenhouse-film-10-x-100-roll.aspx>
- **(6) 2" Spring Clamps**
<http://www.homedepot.com/p/HDX-2-in-Spring-Clamp-80002/100027346>

Caterpillar Tunnels:

- **Quick Hoops High Tunnel Bender (\$59.00)**
<http://www.johnnyseeds.com/p-8417-quick-hoops-high-tunnel-bender.aspx>

Chain link fencing top rail - 10' length 2 together (\$11.97)

<http://www.homedepot.com/p/YARDGARD-1-3-8-in-x-10-ft-6-in-17-Gauge-Galvanized-Top-Rail-328913DPT/100322532>

Ground Posts - 1-58" - 6' posts (cut in half) 3' posts in the ground

Channel Lock

<http://www.greenhousemegastore.com/product/spring-lock-base/polyethylene-film-install-accessories>

Microgreens

1020 Germination Flats (Case of 100) \$96.37

<https://www.mcconkeyco.com/1020-Germination-Flat-Case-of-100/Product/0/EJPG>

T8 Fluorescent Lights (4 foot, 2 bulb) (\$19.97)

<http://www.homedepot.com/p/Lithonia-Lighting-All-Season-4-ft-2-Light-Grey-T8-Strip-Fluorescent-Shop-Light-1242ZG-RE/202052422>

Soil Tamper (DIY)

Dehumidifier - Frigidaire FAD704DWD 70 pint (\$239)

http://www.amazon.com/Frigidaire-FAD704DWD-Energy-70-pint-Dehumidifier/dp/B00AU7GZXE/ref=sr_1_1?ie=UTF8&qid=1428958694&sr=8-1&keywords=dehumidifier

Farmer's Market

10x10 Canopy - Impact Canopy

http://www.amazon.com/gp/product/B014GO7BDY/ref=pd_lpo_sbs_dp_ss_1?pf_rd_p=1944687502&pf_rd_s=lpo-top-stripe-1&pf_rd_t=201&pf_rd_i=B00EU29WWG&pf_rd_m=ATVPDKIKX0DER&pf_rd_r=1ME55DAMR1V58MPZS6D6

Tables - 6' Folding Table - Home Depot

<http://www.homedepot.com/p/HDX-6-ft-Folding-Resin-Timberwolf-Grey-Table-3072FX/204859693>

Seeds

Johnny's

<http://www.johnnyseeds.com/>

Fedco

<https://www.fedcoseeds.com/>

High Mowing

<http://www.highmowingseeds.com/>

SeedWise

<https://www.seedwise.com/>

MVSeeds.com (for Microgreens)

<http://mvseeds.com/>