



Hangin' Basket Informational Guide



City of Worthington
Department of Public Service
380 Highland Ave.
Worthington, Ohio 43085
614-431-2425



Basket in May

The following is an informational guide on the City of Worthington's hanging baskets. The City of Worthington has contracted out the assembly of the baskets in the past; however, beginning in 2002, the City performs all functions in-house - purchasing materials, assembly, hanging, maintenance, and removal.

NUMBER OF BASKETS: 109 total with 91 along downtown streets and 18 at City buildings.



Basket in October

BASKET DESCRIPTION: The following material is used for the baskets:

	Material	Type	Quantity	Where Purchased
1.	Basket	24" black plastic coated metal	110	Braun Horticulture 1-800-246-6984
2.	Moss Mat	24" green moss covering a wood fiber mat liner	120	Braun Horticulture 1-800-246-6984
3.	Soil	Baccto/Bark 1000 Planting Mix	109 bags	Buckeye Resources 937-462-8346
4.	Flowers	6" Red (Pelargonium) Geraniums	4 geraniums per basket	Acorn Farms 614-891-9348
5.	Greenery	4" Varigated Vinca Vine (Vinca Major)	5 vinca per basket	Acorn Farms 614-891-9348
6.	Greenery	4 1/2 inch Spike (Dracaena indivisa)	1 per basket	Acorn Farms 614-891-9348
7.	Water Absorber with Fungi	Soil Moist (crystals expand when wet, holding in moisture) with endomycorrhizal fungi	68 lbs (10 oz per basket)	JRM Chemical 800-962-4010
8.	Root Stimulator	Ferti-Lome Stimulator	3.5 gallons (4 oz per basket)	Oakland Nursery 614-268-3511
9.	Fertilizer	MiracleGro Bloombuster 15-30-15	30 lbs. (1 1/2 lb per 200 gallon tank of water)	Oakland Nursery 614-268-3511
10.	Plastic Bags	Tough Guy 2.0 mil 22x20x48	100 bags	Grainger 614-846-5220



soil mixture



vinca vine



geraniums



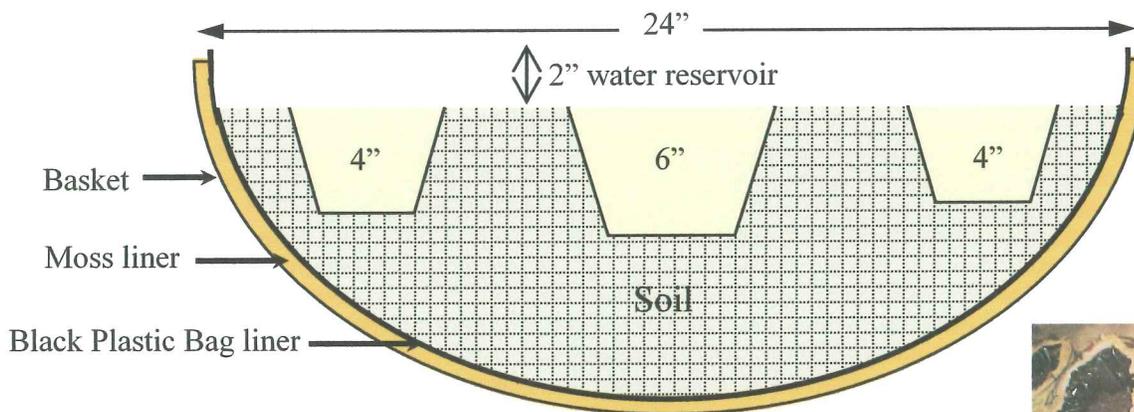
lined basket

BASKET ASSEMBLY

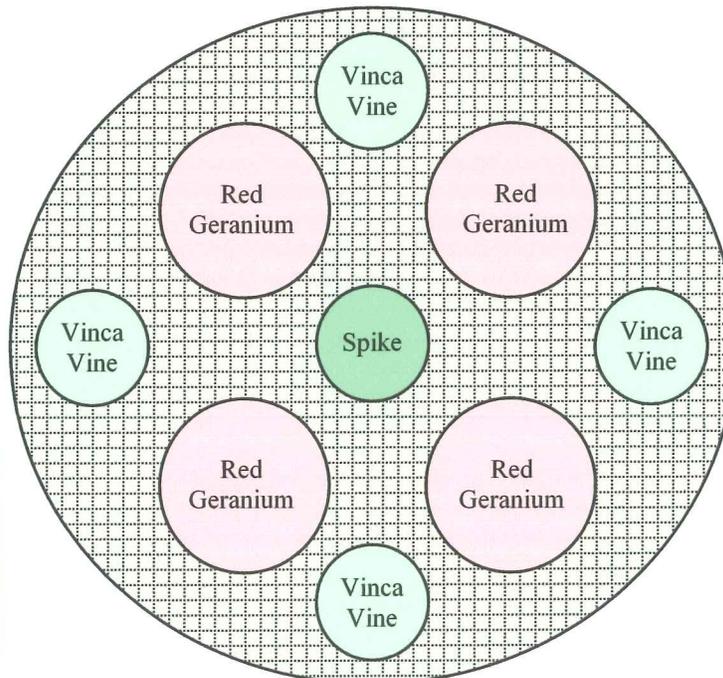
- Time: 20 minutes per basket
- 3 persons: 1 to fill soil, 1 to add Soil Moist & wet, 1 to plant.
- Instructions:
 1. Place moss in basket, lining the inside of the basket;
 2. Place plastic bag liner on top of moss;
 3. Staple the plastic bag to the moss;
 4. Puncture the bag/moss 20 times to allow water through;
 5. Fill basket 1/2 full with soil;
 6. Add Soil Moist;
 7. Using water mixed with Root Stimulator, wet soil to expand soil moist;
 8. Wait one day allowing Soil Moist to expand and absorb water; and
 9. Add additional soil and plants 2 inches below lip of liner, leaving a reservoir for water.



Baskets are lined up for assembly.



Baskets are lined with moss, a plastic bag, then filled with soil.



Lining baskets with moss and plastic.



Unloading plants.

HANGING OF THE BASKETS

- Use large U-bolts with 1"x1/2" metal bars (about 36" in length) and attach to street light pole.
- Use an Ariel Lift Truck "bucket truck" to hang and remove the baskets.



GENERAL TIMELINE

- Order flowers and greenery from nursery in mid-winter
- Assembly - mid May
- Hanging of Baskets - mid/late May (when assembly finished)
- Take down Baskets - late October (before hanging Christmas decorations)

BASKET MAINTENANCE

WATERING

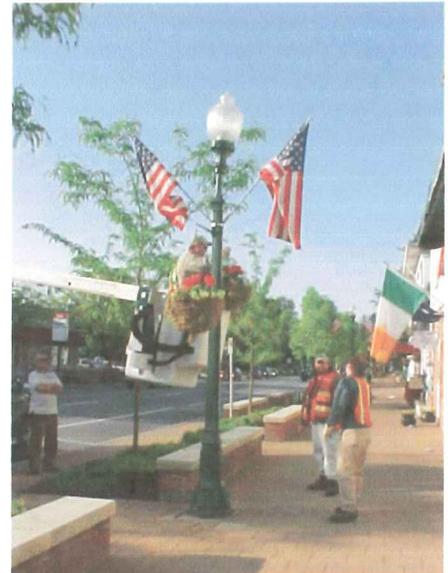
- Water baskets Monday, Wednesday, and Friday (modify for holiday schedule, i.e. if Monday is holiday, water Tues., Wed., and Fri.)
- Use 1 1/2 lbs of Miracle-Gro per 200 gallon tank once each week, water only other two times
- Do not need to water baskets, ONLY if receive 1/2 inch of rainfall the previous day.
- Instructions
 - ⇒ 30 second count for each basket, then 60 second count for each basket. Alternating baskets between counts allows water to soak in rather than run off. Total Time: 1.5 min. (Calibrate times based on volume of water from your sprayer).
 - ⇒ Should use 4 full tanks of water for the 100 baskets.
 - ⇒ 3 tank refills x 200 gallon water tank = 600 gallons for 109 baskets = 5 1/2 gallons of water per basket.
 - ⇒ Attach long handle spray nozzle to hose to reach basket.

DEADHEADING

- Deadhead flowers every other week using a ladder.

STAFFING

- 1 seasonal worker at 30 hours a week after installation



The City uses a Bucket Truck to hang and remove the baskets.



WATER TRUCK AND TANK

TRUCK

- Chevrolet full size pick up

WATER TANK

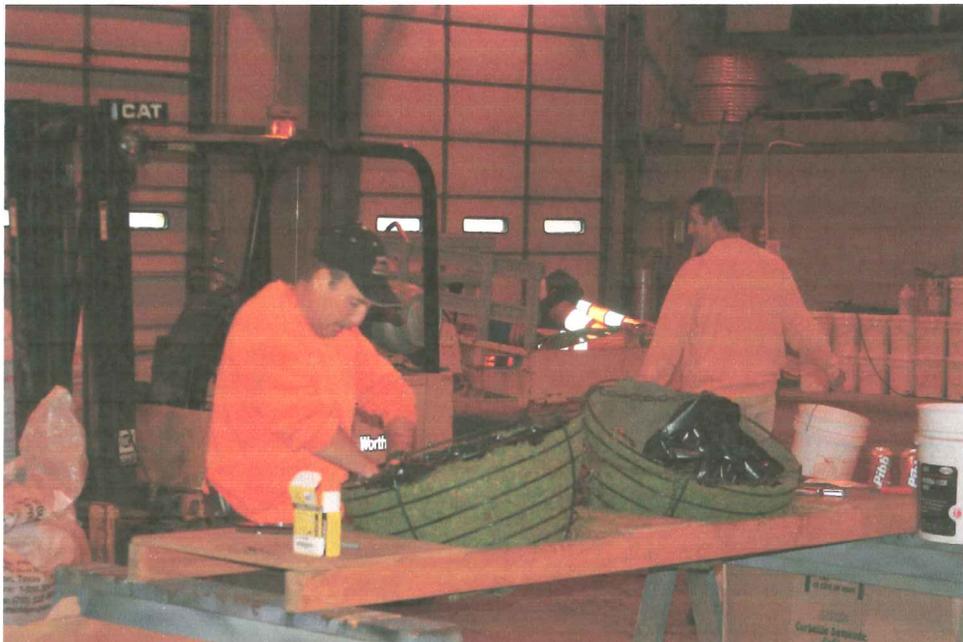
- capacity: 200 gallons
- Equipped with 100 ft. 5/8" hose on an electrical retractable hose reel
- Tank and Hose Reel are skid mounted and is friction fitted into truck bed and is easily removed for storage.
- The water tank has a spot to attach a regular hose, fitted with a fire hydrant adapter. This hose is used to fill the water tank from a fire hydrant.

SIGN BOARD

- Cab mounted arrow director

RADIO

- Two-way radio



Any questions regarding Worthington's hanging planter program should be directed to Mark Jans, Maintenance Supervisor (614) 431-2425