

NURSERY SHOPPING: The Smaller Stuff

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www.verdantlandscapes.com

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About 45,000 US businesses generate \$14 billion in income

(nursery, greenhouse,
and floriculture but not turf)

Who shops:

Retail

individual home or apartment dwellers

Wholesale

garden designers/landscape architects

garden design/build firms

residential and commercial landscape firms

municipalities

ecological restoration firms

garden centers

What types of sellers:

broker

re-wholesaler

growers:

these could be a combination of

-propagator (seed in houses, tissue culture, cuttings)

-potting up of liners or bare root

-field grown divisions or shifting up/dividing pots



Niche growers

specializing in one type of plant, like grasses

natives

Locally grown?

local soils

local plants (local ecotype)

local finishing

Wildflower Farm, Orillia, Canada



Wildflower Farm, Orillia, Canada



Mark Adams Greenhouses, Poughkeepsie, NY



How:

root-pruning container, container, pot, plug, liner, bare root, rooted cuttings, unrooted cuttings



10" by 20"





trays:

18 cell is 3.5",

32 cell 2.25",

50 cell 2"



WFQ32	(4x8)		60x60mm.
	110mm		20x20 mm.
Vol	180cc		540x280mm.

How: Container sizing and labeling

<https://www.ballpublishing.com/pdf/container.pdf>

Container Size	Gallon Size	Diameter	Height	Cubic Inches	Metric Vol.	US Vol.
Container Seedling / SP5	2 quart	2 7/8" square	9" deep	58.6 cu. in.	0.95 liters	0.251 gallon
#1 container	#1 gallon	6 1/2"	7"	173 cu. in.	2.84 liters	0.734 gallon
#2 container	#2 gallon	8 3/4"	8 1/2"	370 cu. in.	6.31 liters	1.66 gallon
#3 container	#3 gallon	11"	9 5/8"	693 cu. in.	11.35 liters	3.00 gallon
#5 container	#5 gallon	10 3/4"	11"	887.73 cu. in.	14.55 liters	3.843 gallon
#7 container	#7 gallon	14"	11 1/2"	1,405.64 cu. in.	23.03 liters	6.085 gallon

- 2.5" pot (7.9 fl. oz/233 ml)
- 3.5" pot (24 fl. oz/0.7 L)
- 2 qt. pot (1.9 L)
- 3 qt. pot (2.8 L)
- 1.6 gallon pot (6 L)



Starter plants
Silverleaf Greenhouses
Walkill, NY



Plug production

New Moon Nursery, Bridgeton, NJ



Planting plugs straight into the landscape



Selecting pot size



How:

irrigation water quality and testing
fertilizers and growth regulators
insect pest and disease management



Where:

online – don't forget to add boxing and shipping charges

in person – think ahead for delivery scheduling and receiving

in person – pickup and load into vehicle

- Navigating the visit:
 - timing, paperwork, signing in, walking, tagging, loading
 - Inspecting
 - Pricing, payment and discounts
 - Recycling

This is a free drop-off at our Pick-up Area

Plastic Pot Recycling Criteria

Recycling of nursery plastics #2, #5 & #6

- Paper and foreign materials must be removed.
- Excess growing mediums should be removed from pots.
- Nesting containers by type is an efficient way to transport, save valuable space and consolidate weight.
- Printed pots are acceptable.
- Pots must be nested and separated by plastic type numbered on bottom of pot.(identifying tips below)
- There will be individual bins labeled for each type of plastic.



Identifying the plastic type:

- PS #6 - polystyrene
 - the #6 is on the bottom, inside the recycling symbol
 - most trays, flats, sell pack and pots smaller than 5"
 - plastic is rigid but will crack or tear when attempted
 - most are thermoformed
- PP #5 - polypropylene
 - the #5 is on the bottom, inside the recycling symbol
 - some flats and tray are #5 and pots larger than 5"
 - generally heavier than #6 and very tough
 - can be either thermoformed or injection molded, so may be pliable or rigid
- HDPE #2- high density polyethylene
 - the #2 is on the bottom, inside the recycling symbol
 - most large pots and nursery containers
 - plastic is tough and pliable but sidewalls are soft and flexible
 - often blow molded and has a large hole in center of bottom

Other Products accepted at our drop-off recycling area:

Our Landscape Supplies department has always accepted many disposable items for drop off and we are trying to meet the needs of our customers by adding important, hard to dispose of items when we encounter them as well as staying aware of environmental needs.

- Grass & Leaves
- Brush
- Pallets
- Stumps
- Wood Chips
- Fill
- Clean Asphalt /Concrete
- Concrete with wire
- **NEW:** Plastic Plant Pots/containers

Cavicchio's
Sudbury, MA



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HOW A PLANT COMES TO MARKET

Garden writer/lecturer buzz, garden center marketing,
proselytizers, gurus

trials - Pack Trials, educational institution trials, nursery trials

Professional association “blessings” - e.g. PPA Plant of the Year

new plant introductions: hunters, breeders and hybridizers,
chemists, patenting, patent “helpers”, branding, branding
“helpers”