

the fascinating business of breeding, trialing, and marketing new annuals, perennials, and woodies

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Garden Decorating Guide – Terra Nova Nu



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AmericanHort truly represents the entire horticulture industry, including breeders, greenhouse and nursery growers, retailers, distributors, interior and exterior landscapers, florists, students, educators, researchers, manufacturers, and all of those who are part of the industry market chain. We are the leading national association for the green industry, and AmericanHort works tirelessly to connect the industry across states and segments, giving you opportunities that expand your network and resources.

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# Gardening is changing and so are the plants



Kelly Norris - gardener,

designer, book author. horticultural raconteur "Plants do equal **lifestyle**; gardens, after all, are expressions of their creators.

Planting with purpose may be the new mantra afoot in horticultural consumerism, if only because we have so many options for how to spend our time and treasure.

"What does it do?" asks today's consumer.

And there are more plant consumers in 2020-2021 than ever

What do market researchers know about end consumers of plants?

You are overwhelmed by selection

yet new plant introductions continue to increase and are the lifeblood of our industry

You will only purchase plants in full bloom

You are brand-driven

Subaru, KitchenAid, etc

You aren't willing to spend money on plants (too generic)



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The plant supply chain (many variations on this) Trials Breeder Intro Agencies, Grower Retailer Consumer Finder **Brokers** Brick and Mortar= R2R Corporate Propagator IGCs. Mass merchant. Independent Finishing Grower or E-commerce

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No one walks into a garden center and asks "What's old?" - Dr. Allen Armitage

#### New. Plants. Sell.

Ex: Hydrangea, Echinacea, Heuchera... Absolutely nuts. 200+ cultivars EACH



How do I help make you a smart shopper?

Understand the supply chain Quality costs money Tags don't tell you everything

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Independent (professional or amateur) University or public garden

Corporate/R&D

Many categories (seed, vegetative, vegetable)

International and dynamic

Can be vertically integrated supply chain

Sportfishing!

Propagators, growers, etc.

Breeder or finder



Why? Ornamental plant breeder's possible goals:

Practical: Disease resistance

Longer flowering time Sterility Reduced flop

Production characteristics

Novelty:

Color break (flowers or foliage) Flower type (double, quill, etc.)

New New New New New

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Plant introduction agencies



Used to control propagation What can be patented by US Patent & Trade Office? ("Plant Breeders Rights"

Irade Office? ("Plant Breeders Rights" elsewhere) New/unique plants (have to prove) Bred/hybridized/selected, found mutation/sport CANNOT patent plant found in "wild".

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Plant patents

Discoverer/breeder can file
Has to happen within 1 year of discovery
Takes ~ 1 yr, \$1500-\$3000
PPAF = Plant patent applied for PP4987

Duration of 20 years

Why?
Unusual/superior plant that
growers/consumers will value [enough to
pay royalty]

## **Trademarks**

Does not control propagation, just protects the name given by a particular seller

TM = we claim trademark rights

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® = federally registered trademark; listed on USPTO website (\$400)

Plant breeding programs, branded marketing programs

CANNOT trademark/register cultivar names

SHOULD be used to identify SOURCE of plant, NOT a particular plant.

Protects prospective purchaser from confusion (not)

Examples

Coreopsis Big Bang™ Series

Coreopsis x 'Star Cluster' PP#23035

Echinacea purpurea Supreme™ Series

• Echinacea "Supreme Flamingo"\*\*\*\*

• Plus 4 more

• Terra Nova Nurseries

Star® Roses Pink Knock Out®

Rosa 'Radcon' PP#15070

# New plants in production

Trials-to-market period much shorter

Vegetative/micropropagation (often contracted) by licensed propagator

Seed (slower to build supply)



Ornamental plants: approximately \$10 billion (U.S. wholesale value)

#### Produced in

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Container nursery Field (in ground) Greenhouse LOTS of overlap

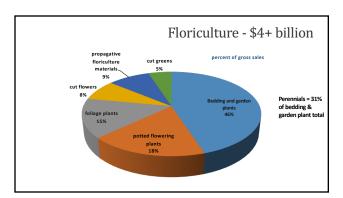
### Marketed and sold at

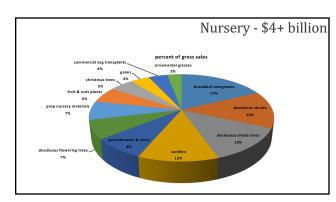
Wholesale Retail

Combination thereof



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## Fate of wholesale ornamental plants:

#### Garden centers

IGCs + retail nurseries (19%) Big box/mass marketers (17%)

Nurseries and greenhouse that sell direct to Consumers (16%)

Supermarkets (7%)

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Landscape contractors (14%)



### Big box stores

Utilize large regional growers Contracts

Able to sell at lower prices

volume low/no profit margin as plants aren't main product line

Variety

Bread and butter but also some gems Everything is in bloom (retail ready)

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Quality?

Can be good, can degrade rapidly

GET THEM FAST



#### Independent Garden Centers (IGCs)

Single store (or small chain) and family-

#### Service + knowledge

May grow some of their own

Often utilize regional growers as well Some wholesalers only sell to IGCs

#### Need to sell at higher prices

Profit margin is everything since plants ARE main product line (and are perishable)

#### Variety Usually terrific - Not just "full bloom"

Quality?

Should be good! Shop early and often

E-commerce

#### Grower and retailer dilemma: SPRING

USUALLY a three-month window = 60-80% of annual sales USUALLY totally, utterly weather-dependent Late summer, fall perennials + ornamental grasses - green

Avg ticket May - \$56-\$75 Avg ticket August - \$26-\$35

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#### Sales vs. last chance table

Some IGC sales are seasonal, intended as promotions End of season sales on woody material, so they don't have to overwinter

Beware the random marked down/last chance pile



# Quality - how can you tell?

Fungus gnats and whitefly Weird smell

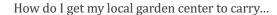
Pop that pot! Healthy pale roots

NOT root bound • Esp. woody plants

Well rooted

 NOT growing media falling out of pot





Hot new plants Fewer invasive plants More natives Something I saw in a magazine

WHATEVER...



Comparative trials:
Breeder
Plant Intro Agency
Brand trials

Trials + displays:
Universities
Public gardens
Propagators

http://trialgardens.raker.com/trial-data

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