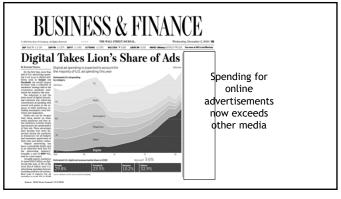
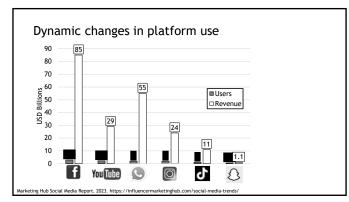


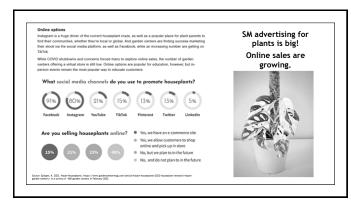
Three out of four US consumers say that they are shopping both online and in stores—and many are participating in omnichannel activities. Consumer shopping behavior in past 3-6 months, % of respondents More people omnichannel shopping McKinsey & Company

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Plant Purchases and Social Media Use

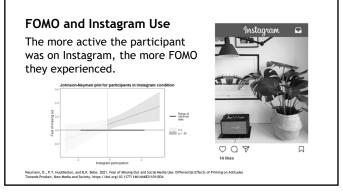
Age and ..

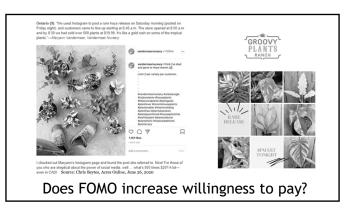
8

- ► Online shopping = -0.276
- ▶ Following a plant retailer or grower -0.486
- ▶ # of social media accounts = -0.569
 ▶ First time plant buyer = -0.454
- ► First time buying and ...
 - ▶ Buying plants online =0.404
 - ► Following a plant grower or retailer = 0.509
 - ▶ # of social media accounts = 0.544



7





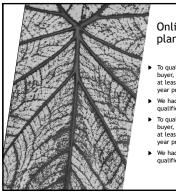
9 10

Comparison of online and in-store plant purchasers

- ► Funded by Horticultural Research Institute (thank you!).
- ► Data collected online from August 24 to September 18, 2022
- ► Approved by the University Committee on Research Involving Human Subjects
- Participants were paid through their panel for providing information
- ► Sample size: 2148 total: 1058 online plant buyers and 1090 in-store plant buyers







Online versus in-store plant purchases

- To qualify for an online plant buyer, they must have purchased at least one plant online in the year prior to the study.
- We had 1058 participants who qualified as online plant buyers.
- To qualify as an in-store plant buyer, they must have purchased at least one plant in-store in the year prior to the study.
- We had 1090 participants who qualified as in-store plant buyers.

Time online: Online v. In-store Plant Purchasers

- ► Time (hours) online for work: 5.1 v. 3.1
- ► Time (hours) online for fun: 5.4 v. 4.8
- ► Amount spent on personal online purchases of any type: nearly \$300 v. \$100.
- ► Only 6.4% of in-store shoppers bought nothing online.
 - ► It isn't that in-store plant shoppers aren't buying online, they just aren't buying as much online (omni-channel)



Purchase comparison of online and in-store plant purchasers

- ► Online plant buyers:
 - ▶ 73% of their plants online (27% in-store)
 - ► 54% of online plant buyers bought no plants in the store.
- ▶ In-store plant buyers:
 - ▶ 89.6% of their plants instore (10.4% online)
 - ► Only 8% of the bought no plants online.



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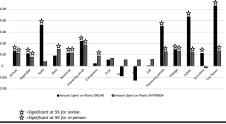
Online v. In-store spending and purchase behavior

- ▶ Between March 2022 October 2022, amount spent on plants and cut flowers was higher online than in-store.
 - ▶Online \$143.27
 - ▶In-store \$135.58



15

Online v. in-store amount spent on plants purchased ONLINE and IN-STORE



16

18

Think of these as separate windows of opportunity!



Instore shoppers spend less overall but more likely to buy plants online.

17



Online shoppers spend more on plants but they are not as likely to buy in-store.

Why do we want them in the store? Impulse purchases!

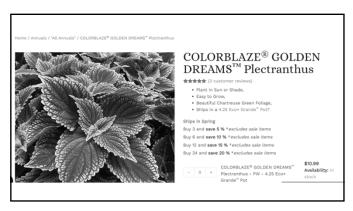
Practical application



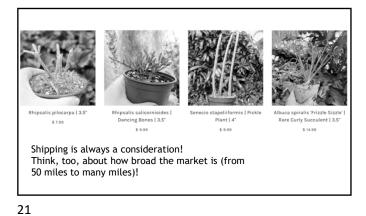
Consider fewer and higher-margin items for the online store, keeping in mind shipping costs.

Herbs, indoor foliage, and annual plants were the highest selling plants online. These should be among the first types of plants you might consider adding to online sales.

Annuals, indoor foliage, and flowering plants were the top in-store purchases.













Marketing ideas for in-store plant purchasers





Practical applications

- ▶ Where someone shops (in-store and online) influences plant spending.
- ► Generally, if a person buys a plant online, they spend more.
 - ► This is particularly true for seeds, flowering potted plants, indoor houseplants, and cut flowers.

25 26



Practical applications

- ▶ If a person buys *herbs or evergreens*, their total spending increases in the store.
- Which aligns better with your business and products?
- ► How would online vs. in-store impact your bottom line?
 - Additional costs related to labor, shipping/packaging, logistics, additional training, can the plants ship?

Demographics: online v. in-store plant purchasers

► Age: 41.5 v. 48.2 years old

28

- ► Gender: 45.0% female v. 81.9% female
- ► Income: \$80-\$90K v. \$40 to \$49K
 - ▶ \$40K less household income in-store versus online
 - ▶ More affluent consumers shopping online



27

Demographics: online v. in-store plant purchasers

- ▶ Adults in household: 2.00 v. 2.03
 - ▶ Not a significant difference
- ► Children in household: 1.85 v. 0.50
 - \blacktriangleright More parents shopping online
- ▶ Percent Caucasian: 23.3% v. 89.9%
 - lacktriangle More ethnically diverse online audience

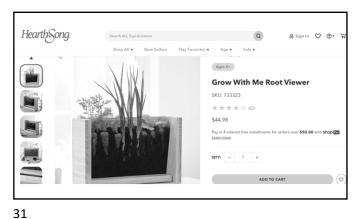


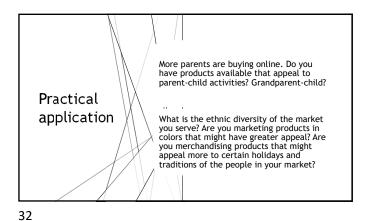
THE STRAMBERRY BADGE:

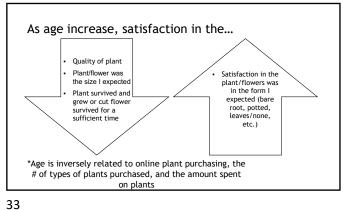
Plants your seeds. What kind did you plant and why

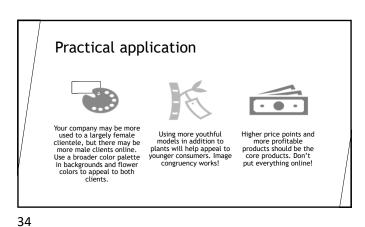
THE RITTEREY RADGE:

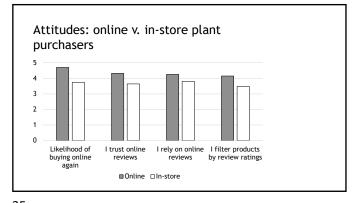
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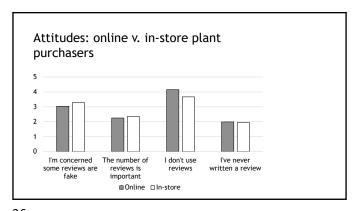












3 reviews for COLORBLAZE $^{\otimes}$ GOLDEN DREAMS TM Plectranthus



Denise - March 9, 2022

Best coleus I have ever grown. They were in part sun and grew huge and thrived in our heat, humidity and clay soil. Love it!



Sissie K – September 14, 2021

Probably the best coleus I've ever grown-first one got yo almost 5" - took cutting! over wintered in green house planted again and still going strong-didn't like anything chartreuse before this but now want lots of that color in my garden- I have several other Proven Winners coleus- all are fabulous!!

Compare mobile v. non-mobile device

- Mobile device users (cell phone users) who used online reviews had a higher level of satisfaction, delight (emotion), and were more likely to buy (LTB) that plant again compared to non-mobile device users!
- Articles on the Internet, website ads, search engine results, email from retailer, use of Instagram, Facebook, Pinterest, and TikTok did not evoke any difference in the customer's level of satisfaction, delight, or likelihood to buy the plant again.



37 38

Practical application

Online plant buyers are highly likely to buy online again. Having "fresh" products for them to view is just as important as it is for instore buyers.

Online reviews are more important to online buyers than in-store buyers. Are you reminding online customers to leave online reviews? Are you monitoring online reviews and responding appropriately?

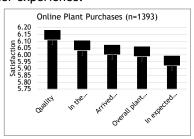
39 40

How do different online platforms influence the customer experience?

► Overall quality

41

- ► Arriving undamaged
- ► Arriving in the correct form
- ► Arriving in the expected size
- ► Performance overall survival



How do different online platforms influence the customer experience?

FARM DIRECT WEBSITES

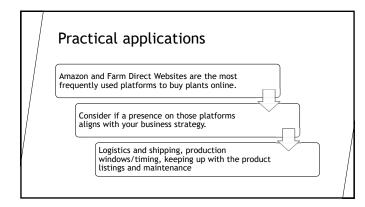
► Overall quality +6.6%

42

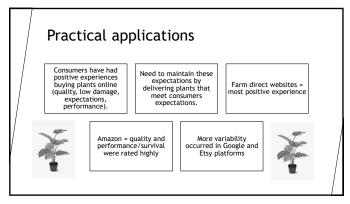
- ► Arriving undamaged +4.0%
- ► Arriving in the correct form +5.7%
- ▶ Arriving in the expected size +5.2%▶ Performance overall survival NSD

How do different online platforms influence the customer experience?

	Social Media	Amazon	Google	Etsy	Farm Direct	Craigslist
Overall Quality		+4.4%			+6.6%	+12.2%
Arriving Undamaged				-4.5%	+4.0%	
Correct Form			-6.8%	-7.4%	+5.7%	
Expected Size	-6.1%				+5.2%	
Performance - Survival		+5.8%	-5.6%			



43 44



Online reviews impact consumer's expectations when buying plants online.

	I trust online reviews.	I often rely on online reviews when purchasing products online.
Overall Quality	+14.1%	
Arriving Undamaged	+11.9%	
Correct Form	+14.9%	+3.2%
Expected Size	+13.9%	
Performance - Survival	+13.6%	

45 46

Online reviews impact expectations when buying plants online

東京東京 Beautiful Snake Plant! Would not hesitate to buy again!
Reviewed in the United States us on March 15, 2023
Color: Modern White/Natural Decor Planter | Size: 1-2 Feet Tall | Style: Snake Plant, Grower's Choice | Verified

Purchase

Let me just say I don't usually write reviews on items I purchase. A product has to be extraordinarily good or extraordinarily bad for me to take the time for a review. Well, I'm doing this review because my snake plant I received today far exceeded my expectations. It was very securely packed in a box. Once I retrieved it from the box, the dirt and the insert pot was securely wrapped in several layers of plastic wrap. There were 3 bamboo poles to steady the plant. I unwrapped all the plastic wrap. I removed the tall paper wrap around the leaves of the plant and examined it. There was only one tiny tip of a leaf that had broken. The tip that broke was only about 1/3" long so it was really insignificant. My snake plant measured 21" from the bottom of the pot to the top of the leaves.

The dirt was moist still and my plant doesn't need watering. I put it out on my porch here in N. Texas

The dirt was moist still and my plant doesn't need watering. I put it out on my porch here in N. Texas getting an eastern exposure. This plant traveled by UPS foround from Florida to Texas but because of the special care in wrapping and protecting and boxing this plant, it arrived in beautiful condition.

Practical applications

- Consumers rely on reviews when setting expectations and making purchasing decisions.
- ► Regularly review reviews respond where needed... this is customer service
- ► Encourage people who have positive experiences to post content!

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Summary

- ► The use of e-commerce will continue to grow, but for consumers it isn't an either-or choice: think omnichannel. It's convenient!
- ► Social media platforms are making it even easier to buy products through their platforms.

Summary

- ▶ Online plant buyers spent more, on average. Price points are different from in the store, mostly higher (even before shipping).
 - ► Spend is higher online for seeds, flowering potted plants, cut flowers, and flowering shrubs.
 - ▶ Spend is higher in-store for herbs and evergreens.
- ➤ The demographics are slightly different. Online shoppers are younger, spend more time online (for work and play), and are more likely to have children. Merchandise accordingly.

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Summary

- ► Amazon and farm direct websites are the most popular platform options.
- ▶ Quality, being the anticipated size and form, lack of damage during shipping, and overall survival of the plant = satisfied purchasing.
 - ▶ Farm direct seems to be doing the best job at this.

Summary

- ▶ Reviews matter. Consider how your company is recruiting reviews and responding to positive and less-than-positive reviews. Yes, something else to monitor and manage.
- ► Consumers rely on reviews because they trust other consumers' opinions. Active engagement with your consumers only builds trust with them.

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