



### CLEAN, HEALTHY LIVING

is also driving changes in the lawn and garden industry.

Consumer demand for clean food, clean water, clean air, clean medicine and clean environments are dramatically shifting how people buy plants and products and garden both inside and out.

Challenges to gardening outdoors - severe climate conditions, contaminated water, soil infertility and pests - make gardening indoors a growing opportunity.

As mainstream consumers grow food indoors, hydroponic gardening is redefined.

And the "canna-business" sweeping the U.S is giving this medicinal plant an upscale makeover and moving it out of the closet and into the living room – and the garden.



### THESE INNOVATIONS DRIVE

the important Millennial market force that wants to grow their own food, teas, cocktails, beer and medicine. Five million of the six million 'new' gardeners last year were 18-34 year olds, according to the 2016 National Gardening Report.

Two new national organizational trends will cultivate the love of gardening and appreciation for plants. One will increase the number of people who garden and the other will drive interest in careers in horticulture.

Now more than ever, growing 365 days-a-year is growing the gardening industry.



## GROW 365 2017 GARDEN TRENDS

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New technology makes growing 365 days-a-year, easy, affordable and convenient.

Growing clean fresh food is a necessity, not a luxury

With the demand for organic, local food exceeding supply, and people choosing to live in smaller spaces and urban environments, more people will grow indoors.

Hydroponic gardens are becoming mainstream and destigmatized. From growing arugula to bok choy, clean fresh food will be available to plant, pick and plate.

From herbal tea gardens on the window sill and healing herbs under lights to vitamin-packed microgreens on the kitchen counter, medicinal gardens are blooming indoors.

## You control the conditions, instead of Mother Nature controlling **you**.



Growing without the help of Mother Nature

Hydroponic stores made just under \$1 billion in 2015 and the market has grown 8.2% in the last five years.

Increasing consumer focus on healthy eating habits spurs demand.

66% of parents think children need to be involved in activities centered around healthy food.

37% of Millennials and 28% of Boomers are growing herbs indoors.

18% of people don't garden at all because of limited to no outdoor space.



Growing smart indoors

Finally, stylish and affordable indoor hydroponic gardening systems exist.

OPCOM Farm's GrowBox and GrowWall make growing indoors accessible and easy to use with the touch of a button.

Growing under lights is forecast to grow 6.3% each year through 2021, which is faster than the projected GDP growth rate of 2.2% over the same time period. (IBISWorld)

Gardening indoors gives anyone living anywhere access to 'Grow 365' fresh, healthy food.



Modern Homesteading helps people garden indoors year-round.

This new national brand provides inspiration and education about growing under lights or in water.

Curated hydroponic and aquaponic supplies appeal to beginner to advanced indoor gardeners.

Millennials are attracted to the smart technology and endless growing possibilities.

The first department opened to a positive response at Homestead Gardens in March 2016.



# PEAK SEASON STORY IDEAS & OPPORTUNITIES

- 1. Set up a system and write about your experiences.
- 2. Educate people on what can be grown indoors & how to get the highest yield.
- 3. Talk about the benefits of teaching children where food comes from.
- 4. Explore the threats to gardening outdoors clean water, bad soil, climate changes, pests and the smart solutions.



From garden therapy and forest bathing to soundscaping and workplace culture, healthy is the new wealthy.

Forest Bathing for Healthy Living

Developed in Japan in the 1980s, forest bathing is a cornerstone of preventive health care and natural healing in Japanese medicine.

Considered by many to be the latest fitness trend to hit the U.S., forest bathing is the "medicine of being in the forest" and spending time in nature awakening all five senses.

Forest bathing is today where yoga was 30 years ago.

Research shows time spent in nature reduces stress and increases well-being



#### Soundscaping

Studies examine how sounds – or the lack of sounds – indicate the ecological health of a landscape and the health of our lives.

Our mental health, wellness and quality of life are directly affected by trees.

Trees change everyday city sounds – from adding birdsongs to buffering sirens.

The loss of trees changes the soundscape and decreases our quality of life, increases stress levels, affects our mental health and diminishes our ability to focus.

The Davey Tree Expert Company's pioneering research takes the new field of "soundscape ecology" further by exploring how trees affect our health and wellbeing.



#### Nature's Sunscreen

Trees provide more than shade to keep people and homes cool. They actually minimize the harmful effects of UV rays on skin.

That's right — trees actually act as nature's sunscreen.

According to University of Purdue, sitting under a shade tree provides the equivalent of SPF 10.

Shade trees are as important as a hat or sunglasses to protect skin from the damaging UV rays, according to The American Cancer Society.

#### Not all shade is created equal.

The Davey Tree Expert Company says protection depends on canopy density, species, time of day and location.



#### Workplace Wellness

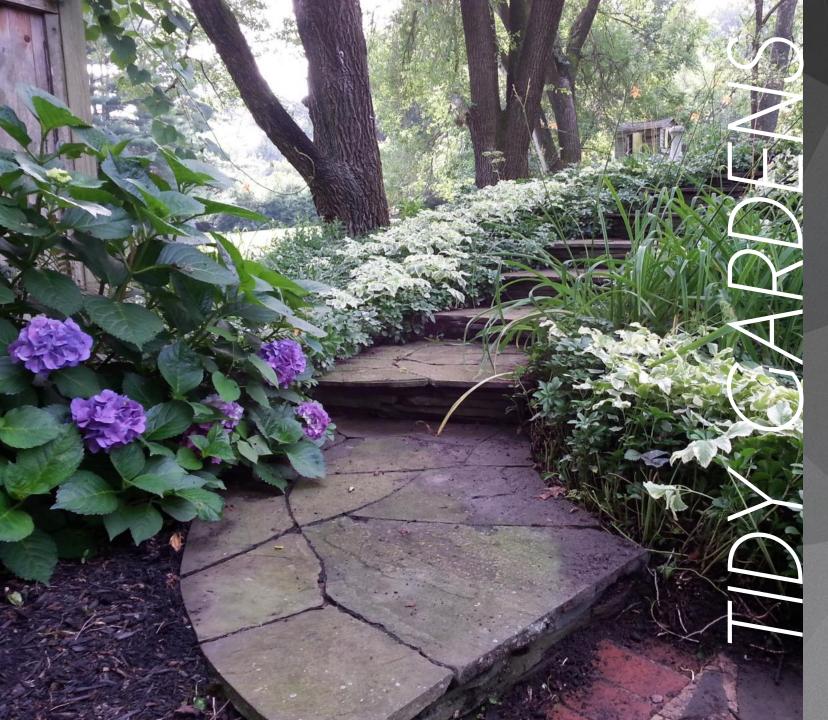
Dr. Ken Pelletier, a pioneer in workplace wellness, sees a shift from a goal of increased ROI to one of pursuing ROV (return on value) and creating a culture of wellness.

Indoor office plants create healthier and happier workers, lower healthcare costs, increase productivity, lower absenteeism and reduce turnover. The **O2** For You collection from Costa Farms touts the many benefits of indoor plants.



# WELLNESS HOTSPOTS STORY IDEAS & OPPORTUNITIES

- 1. How to forest bath in your own backyard.
- 2. Tips to increase sound barriers with trees and shrubs.
- 3. Write about the top 10 trees to shade the sun.



"Keep only those things that speak to your heart. Then take the plunge and discard all the rest. By doing this, you can reset your life and embark on a new lifestyle."

- Marie Kondō,

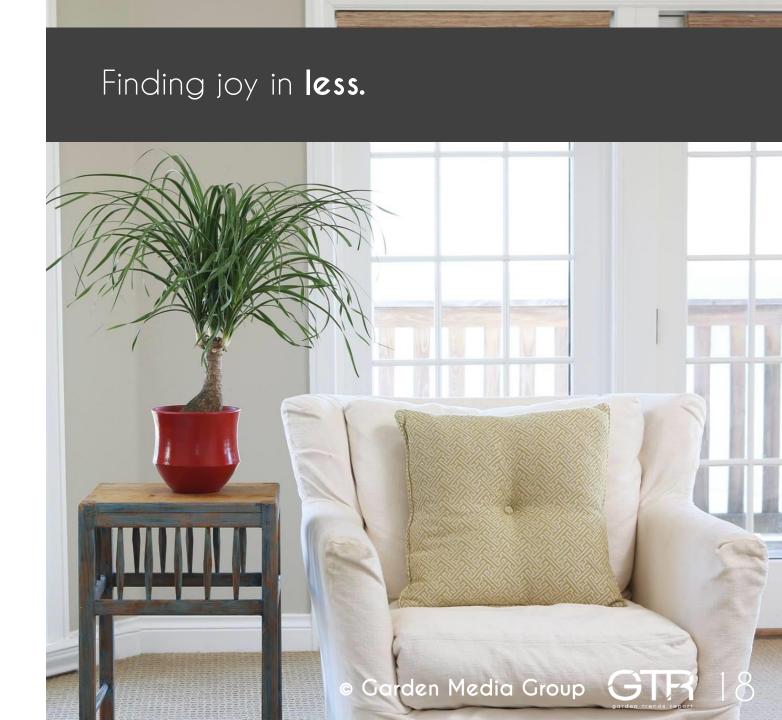
The Life-Changing Magic of Tidying Up: The Japanese Art of Decluttering and Organizing

#### Global Trend

People are taking a page out of the book of the #1 New York Times best-selling guide to decluttering from Japanese cleaning consultant Marie Kondo.

It reflects a global spirit and a shift toward reduced consumption coupled with finding bliss in what you do, not in what you have.

Tidy gardens coincide with a trend toward downsizing as U.S. population growth shifts from the suburbs to city centers and gardens to smaller spaces.



#### The 8 Pillars to Tidy Up

- 1. Thin your garden. Get plants under control.
- 2. Clear out the garden clutter. Get rid of things you don't need
- 3. Keep what you need or love and what loves your garden
- 4. Out with the old, in with the new. Purge plants that are past their prime, have outgrown their space or are not thriving
- Eliminate harmful synthetic fertilizers, pesticides and herbicides
- Respect belongings keep them looking good, pruned, sharpened and tidy
- 7. Create boundaries and define spaces
- 8. Use a restricted palette of plants and hardscaping



Tidy Plants, Tidy Spaces

New varieties of dwarf plants and edibles conserve space and produce bountiful harvests.

Grow plants in large containers instead of many small ones. Maximize small spaces by growing multiple plants in the same container.

Easy-to-grow, low-maintenance container berry plants like BrazelBerries make growing fresh fruit simple – and tidy. These compact blueberry shrubs are neater than larger, leggy berry bushes. BrazelBerries are ideal for small spaces.



# TIDY GARDENS STORY IDEAS & OPPORTUNITIES

- 1. Offer "tidy garden" consultations or landscaping services.
- 2. What are the magic tips to tidy up gardens.
- 3. What are the tidiest plants?



As consumers continue to demand clean products and clean food, they are turning more and more to growing free of synthetic chemicals and growing indoors without dirt.

Effects of the Clean Movement

Americans now demand to know what is in and on their food – and where it comes from. The demand for organic, locally sourced food now far exceeds the supply.

Consumers today are demanding products that are clean and "free" from pesticides, antibiotics, preservatives and cages.

This clean food movement and lack of locally grown, organic food is causing a profound shift in the food world that is dramatically affecting gardening.

The Sun System LEC 630 from Sunlight Supply works magic on hot peppers.



Natural and Organic

"CLEAN" and "GARDENING" are words that normally don't go together.

Clean gardening means using only products that come from natural origins - no synthetic fertilizers, no synthetic pesticides and no GMO seeds.

Concern about chemicals in the lawn and garden followed a concern of cost and time as the top three gardening challenges, according to the 2016 Mintel report.

Using clean techniques, such as Espoma's organic lawn and garden products, assures families, pets and the environment are **not** exposed to unnecessary hazards and pollutants.



Pure Hydro

The high demand for clean food is driving consumers of all levels to grow indoors.

People want clean food, free of pesticides that harm their family.

The water crisis in Flint, Michigan raised awareness of the importance of clean water inside homes and outside in the garden.

Using purified water in hydroponic systems is a safe option indoors or out.

According to the 2016 IKEA Life at Home Report, 60% of people worldwide grow vegetables or flowers indoors.

OPCOM Farm is the **next generation** of hydroponic farming systems introduced at CES in Las Vegas in January 2016.



# CLEAN GARDENING STORY IDEAS & OPPORTUNITIES

- 1. How do I make my garden safe for pets and children?
- 2. Come clean and share your tips.
- 3. Demonstrate which plants can be grown hydroponically and where.



The world isn't just at our fingertips — it's racing toward our front door.

Gardening Subscription Services

Gardening subscriptions offer a simple and convenient service for a beginner to start gardening without being overwhelmed by choice or lack of knowledge.

Likewise, more passionate gardeners are introduced to new and exciting plants, products and tools they may never have thought to try.

Subscription services can range from seeds of the month and artisanal microgreens to heirloom bulbs and new plants.

People want to buy from **trustworthy** sources who have done the research, curation and personalization for them.



Gardening Subscription Services

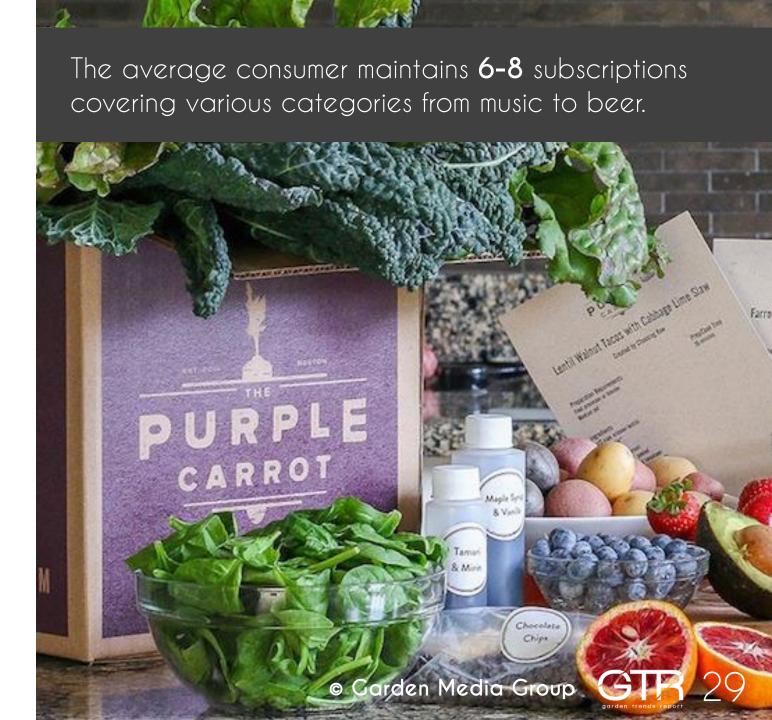
From BirchBox to Blue Apron, products and services delivered to your door offer convenience and value by saving time and often money.

Subscription services introduce people, especially Millennials, to products they didn't even know they wanted.

Subscriptions compel people to engage more in gardening and take more risks.

In turn, they will create a new generation of confident gardeners willing to take on advanced projects.

The garden industry is poised to ride this rising trend.



Gardening Subscription Services

Delivering experiences comes in the form of regular workshops, too.

These attract Millennials who document experiences and devote discretionary income to these moments.

65% of Millennials would attend a class or workshop at a store to enhance their growing skills.

Almost half of Millennials splurge on classes to improve their body, mind and soul.

Gardeners can stay ahead of trends and technology by subscribing to regular classes, such as Modern Homesteading's Wednesday Night Lights. Uber-izing is more than a delivery service, it is about the **experience**.



# UBER-IZING GARDENING STORY IDEAS & OPPORTUNITIES

- 1. Create an on-demand indoor gardening service, similar to salt water aquariums.
- 2. Become a gardening stylist and curate and plant gardens and containers seasonally.
- 3. Create a 'garden in a box' subscription service delivered monthly.



## BUZZ OFF!

The scare of the Zika virus and other mosquito-borne diseases combined with the demand to be chemical free is driving people to look for ways to control mosquitoes naturally.

Using nature to help keep your yard insect free is economical, educational and fun and doesn't harm the environment.

## BUZZ OFF!

Natural Pest Control

Bats won't suck your blood, but most North American species prefer to dine on insect pests, particularly bloodsucking mosquitoes.

A single bat can eat up to 1,200 mosquitosized insects every hour, usually eating 6,000 to 8,000 insects each night.

One bat house can hold 25 bats. That's more than 150,000 insects eaten every night!

The added benefit is they are a great nighttime pollinators for your garden.

Since bats are threatened with extinction, adding them to your garden is good environmental stewardship.

Bats are one of the **most** natural ways to exterminate mosquitoes.



# BUZZ OFF! On the Fly

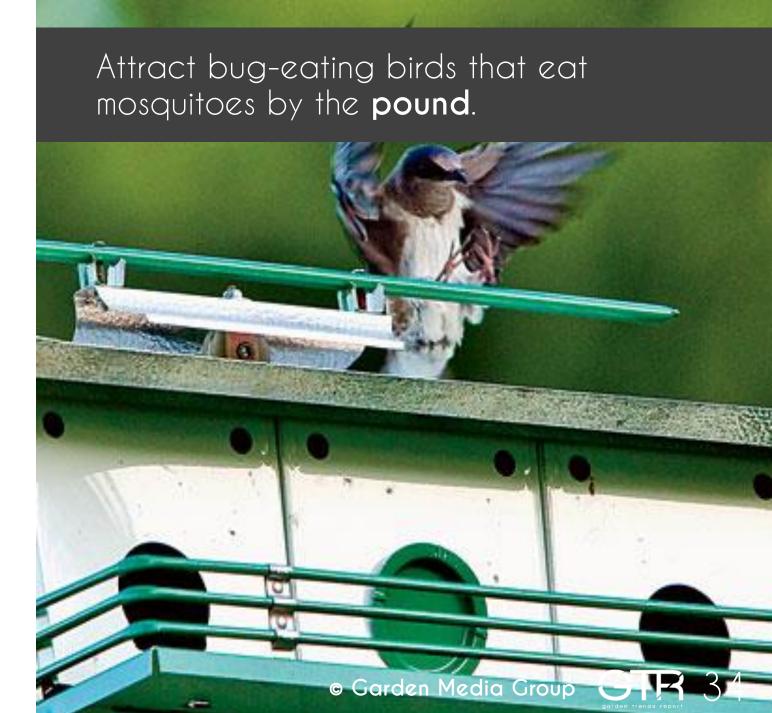
While bats eat thousands of mosquitoes, many birds will eat mosquitoes, too.

Barn swallows and purple martins can eat pounds of mosquitoes every day.

Robins, mockingbirds, chickadees, nuthatches and woodpeckers are voracious insect eaters.

Attract more bug eaters by installing bird houses, filling feeders with a variety of seed, supplying a clean source of water and planting flowers and trees that supply food and shelter.

And stop using chemicals.



## BUZZ OFF!

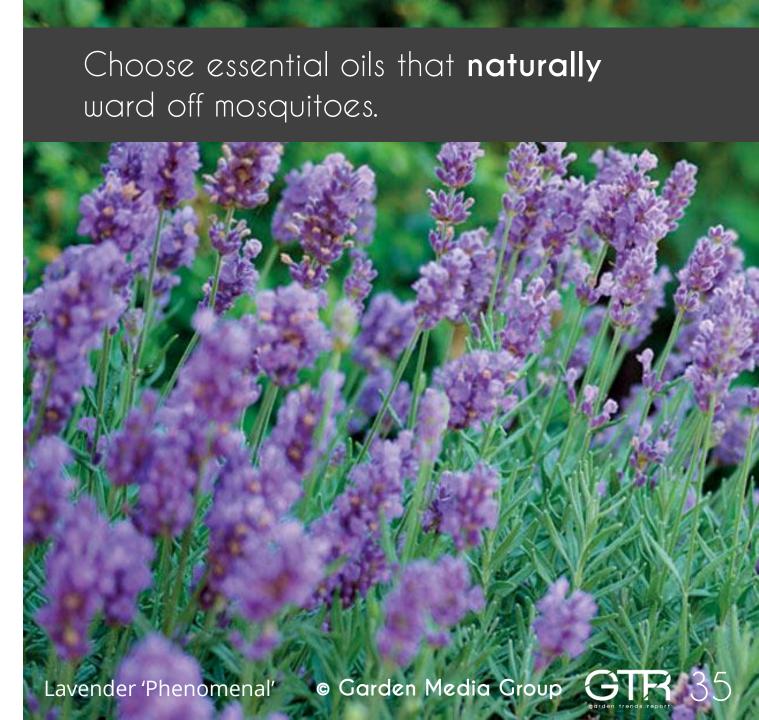
Prevention Starts at Home

Many plants emit chemicals into the air and soil that repel bugs.

Herbs like basil, chives, lavender, mint, rosemary, sage, lemon balm and thyme keep mosquitoes away.

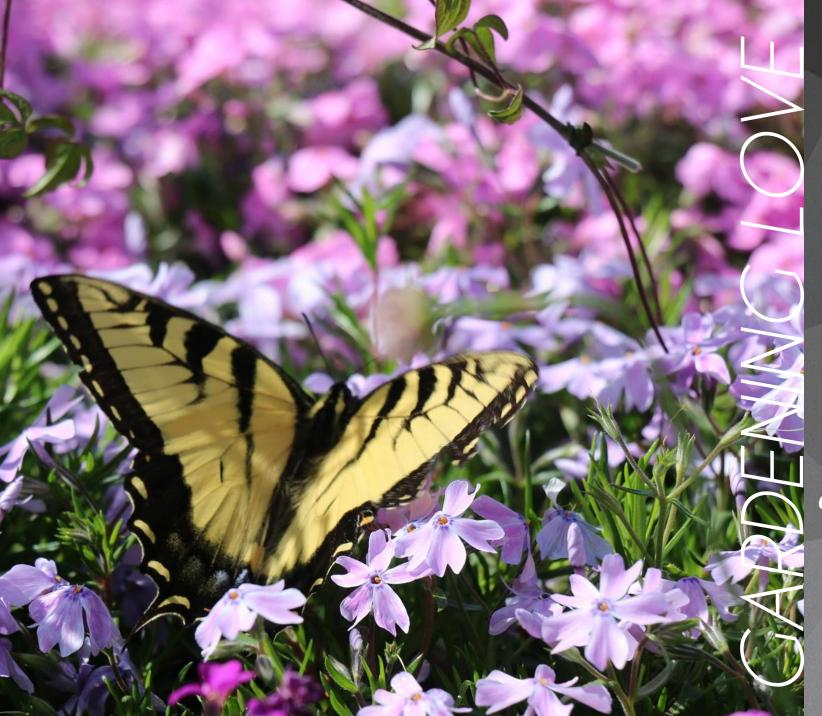
Apply neem oil to the skin or herbal repellents to keep mosquitoes away.

Or, simply blow them away with an electric fan. Mosquitoes don't stand a chance against the strong breeze.



# BUZZ OFF! STORY IDEAS & OPPORTUNITIES

- 1. Debunk bat myths.
- 2. Educate people on beneficial birds and plants.
- 3. Host a workshop to build a bat or bird house.



## GARDENING LOVE

Creating a gardening culture in the United States is a trend among industry professionals.

Two major organizations unite the industry professionals, scientists, extensions and NGOs to increase awareness that gardening is important to create a healthy life, healthy community and healthy world.



National Initiative for Consumer Horticulture

Creates a unified voice to promote the benefits and value of horticulture to grow a healthy world.

The goal is to cultivate a passion and appreciation for plants and, in so doing, increase the demand for gardening with everyone.

We are looking for committee members. Please let us know if you want to join us!

Consumerhort.org





## SEED YOUR FUTURE

Promoting Horticulture in the U.S.

Movement that seeks to excite youth about careers in horticulture by putting a human face on our core beliefs: horticulture is universal, invaluable, and above all, horticulture is life.

SeedYourFuture.org



# GARDENING LOVE STORY IDEAS & OPPORTUNITIES

- 1. Get involved with NICH or Seed the Future. Join a committee.
- 2. Write about the benefits of plants and gardening to grow a healthy world.
- 3. Tell your friends about NICH or Seed the Future.

