

# PROFESSIONAL GARDENING

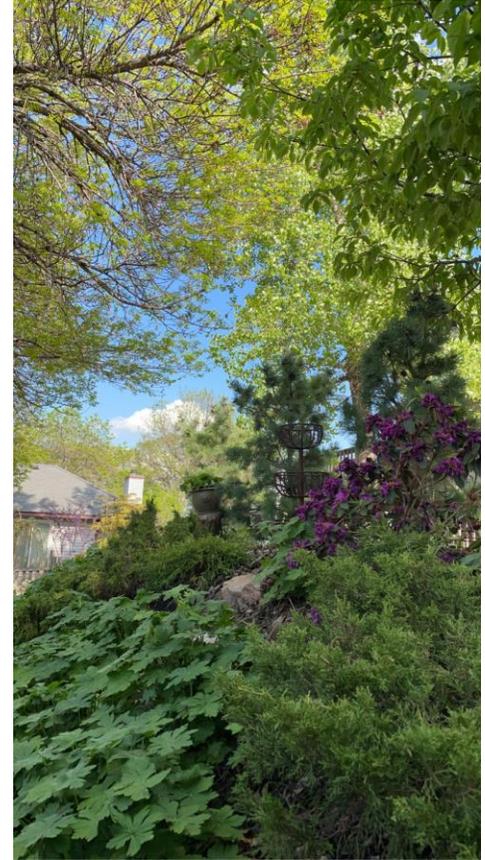
---

Overview



# Professional Gardening - Content

- Professional versus Home Gardener
- Areas of Expertise
- Identifying Plants
  - Detective Work
  - What's in a Name?
- Plant Types
- HSG Services
  - Maintenance
    - Categories of Care





# What is Professional Gardening?

- PLANT FOCUSED
- Design, Install, Restoration, Maintenance, Containers
- Paid service





# Professional versus Home Gardener?

- Knowledge and Experience
  - Degree in Horticulture or related field
  - Continuing Education
- Licensed, Insured
- Level of detail and thoroughness
  - Best practice
- Work in less-than-ideal weather conditions
- Equipment
- Speed and efficiency

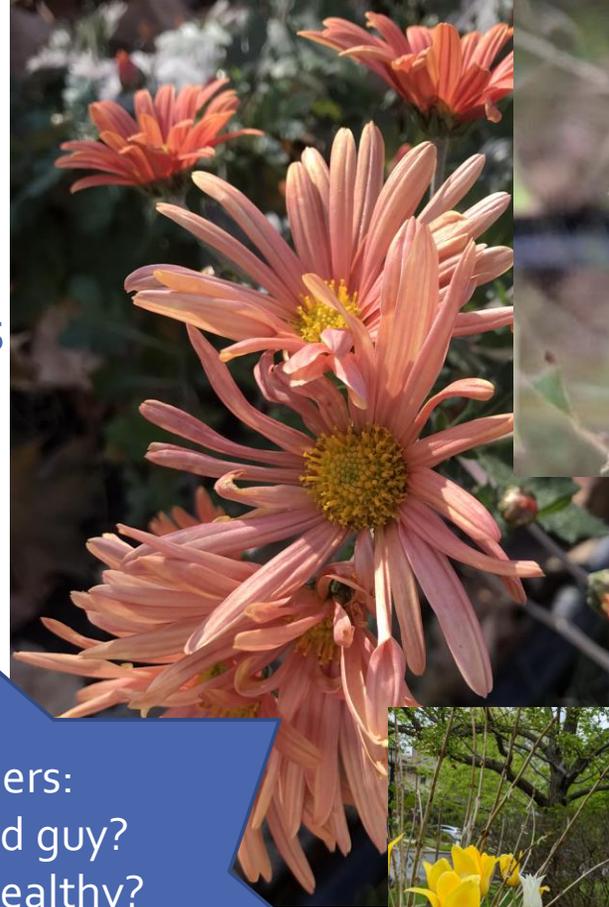




# Areas of Expertise

- PLANTS!
  - Perennials, Shrubs, Ornamental Trees
  - ID
  - Care
- Design Elements
- Soils and Amendments
- Pest Management
- Maintenance
- Pruning
- Annuals and Bulbs

New Gardeners:  
Good guy or bad guy?  
Healthy or not healthy?  
Presentation and  
Polishing





# Plants

- *Need to be able to identify plants*
  - By different characteristics
  - At different times of the year
- *Need to know various attributes of a plant*
  - Sun/shade requirements
    - Location
  - Pest/disease susceptibility
    - Location, treatment
  - Soil and moisture conditions
    - Location, irrigation
  - Longevity
    - Replacement timing
  - Companions
    - Who gets to be neighbors
  - Growth patterns
    - Pruning
    - Containment
    - Spacing
  - Root type
    - Splitting
    - Watering





# Introductions

Ideal:

- Hi, my name is \_\_\_\_\_. I'll be serving you today.
- Hi, my name is **Plant**. Here's what I need.

Reality:

- Hi, my name is \_\_\_\_\_. Who the hell are you and what do you need from me today?

Detective Work:

- Can I guess your family?
- What do I know about you?
- What does that tell me about the care you need?



*Rudbeckia laciniata* - cutleaf coneflower

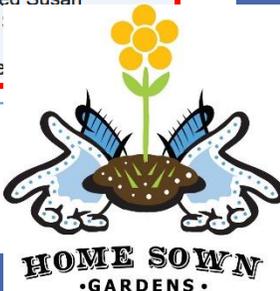


# Detective Work

- Determining *patterns or characteristics* can help place it in the right family
  - Size, form, leaf shape, branching, root system, flower/fruit color, scent, etc.
  - How does it grow and change over time? (habit/landscape)
  - What are growth requirements? (soil/sun/water)
  - How does it reproduce? (seed/root/corm/cutting)

*Characteristic common feature used to ID and give belonging to a group*

Taxonomic Hierarchy	
Kingdom	<a href="#">Plantae</a> – plantes, Planta, Vegetal, plants
Subkingdom	<a href="#">Viridiplantae</a> – green plants
Infrakingdom	<a href="#">Streptophyta</a> – land plants
Superdivision	<a href="#">Embryophyta</a>
Division	<a href="#">Tracheophyta</a> – vascular plants, tracheophytes
Subdivision	<a href="#">Spermatophytina</a> – spermatophytes, seed plants, phanérogames
Class	<a href="#">Magnoliopsida</a>
Superorder	<a href="#">Asteranae</a>
Order	<a href="#">Asterales</a>
Family	<a href="#">Asteraceae</a> – sunflowers, tournesols
Genus	<a href="#">Rudbeckia</a> L. – coneflower
Species	<a href="#">Rudbeckia hirta</a> L. – blackeyed Susan, black-eyed Susan
<b>Direct Children:</b>	
Variety	<a href="#">Rudbeckia hirta var. angustifolia</a> (T.V. Moore) Perdue – blackeyed Susan
Variety	<a href="#">Rudbeckia hirta var. floridana</a> (T.V. Moore) Perdue – blackeyed Susan
Variety	<a href="#">Rudbeckia hirta var. hirta</a> L. – blackeyed Susan
Variety	<a href="#">Rudbeckia hirta var. pulcherrima</a> Farw. – blackeyed Susan, pine





# What's in a Name?

Plants generally have 2 name types:

- Latin name is UNIVERSAL
  - *Rudbeckia hirta*
- Common name VARIES
  - Black Eye Susan
  - Yellow Ox Eye
  - Gloriosa Daisy

- Common characteristics are shared within groups
  - Less and less as the hierarchy lowers

Taxonomic hierarchy of the domestic dog	
Species: <i>Canis lupus</i> Domestic dog	 Rudbeckia hirta
Genus <i>Canis</i> : All domestic and	  Rudbeckia
Carnivora: All animals that feed on flesh only	   
Class Mammalia: All animals that produce milk to feed their young	     
Phylum Chordata: All Animals that have a backbone	      
Kingdom Animalia: All Animals	       
Domain Eukarya: All organisms whose cells have a nucleus and organelles	           

This graphic is ridiculous, replace with something useful. The specificity of dog breeds is a helpful learning tool.





# Family: Asteraceae

*Examples:*

Aster

Daisy

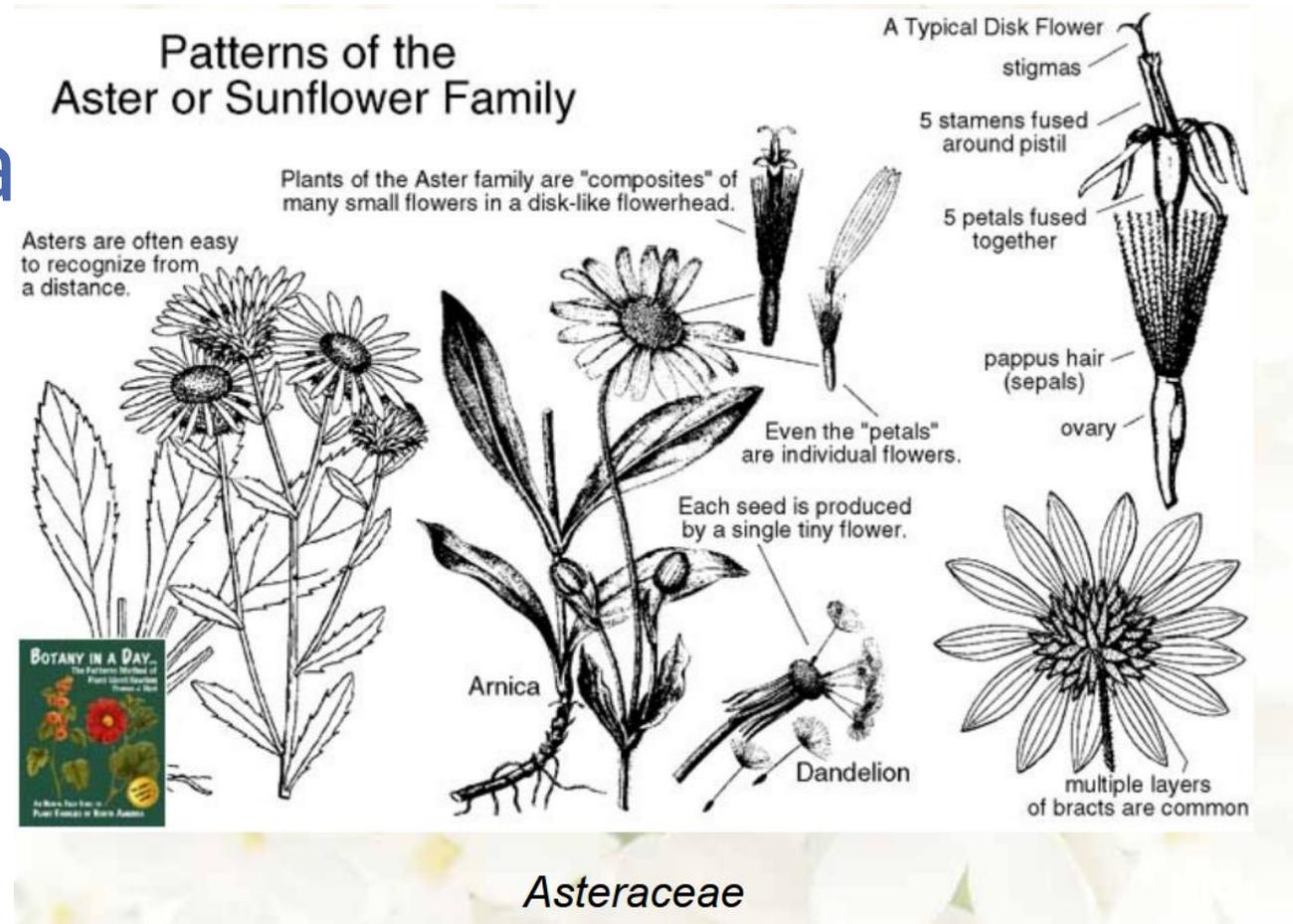
Zinnia

Dandelion

Thistle

Sunflower

Rudbeckia



Order	asteriales
Family	Asteraceae – sunflowers, tournesols
Genus	Rudbeckia L. – coneflower
Species	Rudbeckia hirta L. – blackeyed Susan, black-eyed Susan
	<b>Direct Children:</b>
Variety	Rudbeckia hirta var. angustifolia (T.V. Moore) Perdue – blackeyed Susan
Variety	Rudbeckia hirta var. floridana (T.V. Moore) Perdue – blackeyed Susan
Variety	Rudbeckia hirta var. hirta L. – blackeyed Susan
Variety	Rudbeckia hirta var. pulcherrima Farw. – blackeyed Susan, pinewoods coneflower

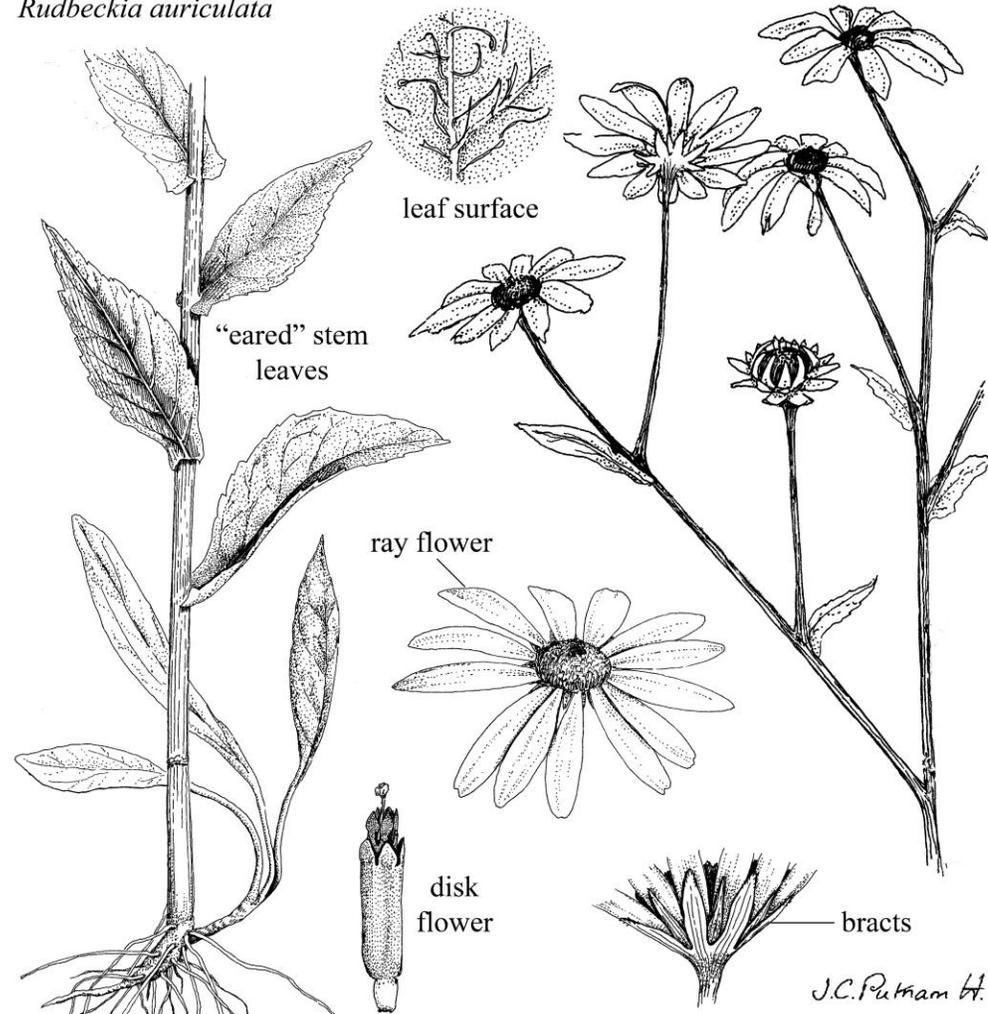
*Flower heads composed of many small flowers, called florets that are surrounded by bracts (leaflike structures). Bell-shaped disk florets form the centre of each head. Strap-shaped ray florets extend out like petals from the centre and are sometimes reflexed (bent back).*





# Genus: *Rudbeckia*

SWAMP BLACK-EYED SUSAN  
*Rudbeckia auriculata*



Order	Asteriales
Family	Asteraceae – sunflowers, tournesols
Genus	<i>Rudbeckia</i> L. – coneflower
Species	<i>Rudbeckia hirta</i> L. – blackeyed Susan, black-eyed Susan
<b>Direct Children:</b>	
Variety	<i>Rudbeckia hirta</i> var. <i>angustifolia</i> (T.V. Moore) Perdue – blackeyed Susan
Variety	<i>Rudbeckia hirta</i> var. <i>floridana</i> (T.V. Moore) Perdue – blackeyed Susan
Variety	<i>Rudbeckia hirta</i> var. <i>hirta</i> L. – blackeyed Susan
Variety	<i>Rudbeckia hirta</i> var. <i>pulcherrima</i> Farw. – blackeyed Susan, pinewoods coneflower

Simple or segmented leaves, yellow ray flowers, and brown, black, green raised central disk





# Species: *Rudbeckia hirta*



Order	<a href="#">Asteriales</a>
Family	<a href="#">Asteraceae</a> – sunflowers, tournesols
Genus	<a href="#">Rudbeckia</a> L. – coneflower
Species	<a href="#">Rudbeckia hirta</a> L. – blackeyed Susan, black-eyed Susan
<b>Direct Children:</b>	
Variety	<a href="#">Rudbeckia hirta</a> var. <a href="#">angustifolia</a> (T.V. Moore) Perdue – blackeyed Susan
Variety	<a href="#">Rudbeckia hirta</a> var. <a href="#">floridana</a> (T.V. Moore) Perdue – blackeyed Susan
Variety	<a href="#">Rudbeckia hirta</a> var. <a href="#">hirta</a> L. – blackeyed Susan
Variety	<a href="#">Rudbeckia hirta</a> var. <a href="#">pulcherrima</a> Farw. – blackeyed Susan, pinewoods coneflower

Upright 1-2ft stems. Alternate basal leaves. Stems and scattered oval leaves are covered with bristly hairs.







# Cultivar: *Rudbeckia hirta* var. *angustifolia* 'Cherokee Sunset'

*Rudbeckia hirta* 'Cherokee Sunset'

'quotes' indicate cultivated variety or Cultivar  
Developed by breeders for a specific trait  
Does not produce true to seed



Order	<a href="#">Asteriales</a>
Family	<a href="#">Asteraceae</a> – sunflowers, tournesols
Genus	<a href="#">Rudbeckia</a> L. – coneflower
Species	<a href="#">Rudbeckia hirta</a> L. – blackeyed Susan, black-eyed Susan
<b>Direct Children:</b>	
Variety	<a href="#">Rudbeckia hirta</a> var. <a href="#">angustifolia</a> (T.V. Moore) Perdue – blackeyed Susan
Variety	<a href="#">Rudbeckia hirta</a> var. <a href="#">floridana</a> (T.V. Moore) Perdue – blackeyed Susan
Variety	<a href="#">Rudbeckia hirta</a> var. <a href="#">hirta</a> L. – blackeyed Susan
Variety	<a href="#">Rudbeckia hirta</a> var. <a href="#">pulcherrima</a> Farw. – blackeyed Susan, pinewoods coneflower

## Taxonomic hierarchy of the domestic dog

<b>Species:</b> <i>Canis lupus</i> Domestic dog	 Rudbeckia hirta					
<b>Genus Canis:</b> All domestic and wild dogs; wolves; jackals			Rudbeckia			
<b>Family Canidae:</b> All dogs and dog-like animals				Asteracea		
<b>Order Carnivora:</b> All animals that feed on flesh only						
<b>Class Mammalia:</b> All animals that produce milk to feed their young						

- Latin name is \_\_\_\_\_
  - *Rudbeckia hirta*
  
- Common name
 

---

  - Black Eye Susan
  - Yellow Ox Eye
  - Gloriosa Daisy



# Detective Work

- Determining the *habits or traits* can help determine routine care/tasks needed and the timing of them

## HABIT/TRAIT

prolific seeder  
tall/flopping habit  
heavy feeder/specific pH needs  
opposite v. alternate branching  
dense, matted  
climbing

## TASK

Deadheading  
Staking/Pinching  
Fertilizing  
Pruning  
Aerating  
Training



Who is this?  
What's happening? What task could help prevent this?





# Detective Work

- *Habits or traits* can also determine other occasional needs

## HABIT/TRAIT

Sun/shade

Growth habits: root system – how does it spread?

Texture preference

Prone to sinking

Prone to heaving

## TASK

Transplant?

Splitting/Contain/shrink base?

Amend soil?

Uncovering/Lifting?

Re-plant?





# Plant Types

## Annual

- Cannot survive the winter
- Needs to be replanted every year

## Perennial

- Goes dormant in the winter
- Grows from the same base every year

## Biennial

- Lives two growing seasons
- Does die out after second season, but often reseeds itself

Plant Types can also help determine routine care/tasks needed and the timing of them

## Deciduous

- Woody stems
- Snap like twigs

## Herbaceous

- Soft, flexible stems
- Bend easily





# Plant Types - Tasks

## Annual

- Remove from ground/pot
- Plant
- Deadhead/pinch
- Fertilize and water

## Perennial

- Potentially cut back
- Fluff
- Clear bases
- Cut back old growth
- Pinch

## Biennial

- Leave for self-seeding in fall
- Clean up in spring
- Fluff
- Pinch

Plant Types can also help determine routine care/tasks needed and the timing of them

## Deciduous

- Can bloom on new or old depending on plant
- Informs pruning

## Herbaceous

- Blooms on new
- Can cut back each year



# BRAIN BREAK

---

Why did the gardener decline the job offer?

**The celery was low**

Why do gardeners plant bulbs?

**So the worms can see where they are going.**

How do armature gardeners learn how to garden?

**By trowel and error**

What did the big flower say to the little flower?

**What's up, Bud?**



# HSG Professional Gardening Services



- SEASONAL SERVICES
  - Containers/Annuals
  - Bulbs
  - Edible Landscaping
- COACHING
- RESTORATION
- REDESIGN
- MAINTENANCE

- **Spring Cleanup – April-ish**

- Monthly Maintenance – May thru Oct
- Fall Cleanup – Oct/Nov
- Winter Protection/Insulation – Nov/Dec
  - Removal – March/April
- Dormant Pruning – Feb/Mar





# Maintenance – Year Round Care of Landscape Gardens

Every month looks different



Needs are different each month





# Maintenance – Year Round Care of Landscape Gardens

3 MAIN CATEGORIES OF CARE:

- **PLANT CARE**
- **GENERAL GARDEN CARE**
- **PRESENTATION**



*Every site, every time – all 3 categories of care*





# Maintenance – Year Round Care of Landscape Gardens

## PLANT CARE



*Perennials*

*Grasses*

*Vines*

*Shrubs*

*Evergreens*

*Ornamental Trees*

*Annuals/Veggies/Herbs/Bulbs*





# Maintenance – Year Round Care of Landscape Gardens

## GENERAL GARDEN CARE



- Weed*
- Mulch*
- Soil*
- Hardscape*
- Edges*
- Pest/Disease*
- Other*





# Maintenance – Year Round Care of Landscape Gardens

## PRESENTATION

*Plant Aesthetics*  
*Hardscape Aesthetics*  
*General Aesthetics*



# EVERY VISIT - Maintenance



- PLANT CARE
- GENERAL GARDEN CARE
- PRESENTATION CARE

*Every site, every time – all 3 categories of care*



# EVERY VISIT - Maintenance



## PLANT CARE

*Every plant, every visit*

- Touch every plant, shrub, groundcover, etc.
  - Push foliage aside, lift and look under, around, behind, between plants and the wall
- Sift through the foliage of dense plants, looking for what doesn't match.



If you're not looking for it, you won't find it.



# EVERY VISIT - Maintenance



## GENERAL GARDEN CARE

*Every element, every visit*

Primarily a Spring Cleanup task

*Weed Weed Weed  
Weed Weed Weed*



*Soil*  
**Amend**  
**Fill holes**  
**Redistribute**

*Hardscape*  
**Lift stones**  
**Uncover edges**

*Edges*

**Ditch/Cut**

**Lift**

**Rake**



*Cut lawn side of edges to prevent spreading and give a neat look.*



*Pushing Mulch back from the base helps prevent rotting*



*Mulch*

**Redistribute**

**Push back from bases**

**Add**

*Other*

**Remove debris**  
**Pick up sticks, etc.**



*Pest/Disease*

**Monitor**

**Treat**



# EVERY VISIT – Maintenance



## PRESENTATION CARE

*Every element, every visit*



### *Plant Aesthetics*

Overall appearance – design elements

Observe and recommend

Individual health/location – move/replace?



# EVERY VISIT – Maintenance



## PRESENTATION CARE

*Every element, every visit*



### *Hardscape Aesthetics*

Debris off – blown/swept sidewalks, boulders, walls, pavers, edges;  
stone edges showing?

Edging not sticking out, eaten by the lawnmower?

Gutters/downspouts in place?

Are irrigation lines covered?



# EVERY VISIT – Maintenance



## PRESENTATION CARE

*Every element, every visit*

### *General Aesthetics*

Site is neat, clean and something you're proud of

Tools removed

Debris bags stacked neatly

Trash picked up



# POP QUIZ

---





# Maintenance – Year Round Care of Landscape Gardens

3 MAIN CATEGORIES OF CARE?

- **PLANT CARE**
- **GENERAL GARDEN CARE**
- **PRESENTATION**





# MONTH - Maintenance

## PERENNIAL/VINE PLANT CARE

*Every plant, every visit*

### *Vines*

Plant  
Remove insulation  
Prune dead  
Cut back  
Train  
Deadhead  
Fertilize  
Deadleaf  
Insulate

*Picture Caption*

### *Perennials/Grasses*

Plant  
Deadhead  
Fertilize  
Remove Insulation  
Cut down  
Clean Bases  
Deadleaf/Finger-Comb/Scrunch  
Aerate  
Prune dead  
Replant  
Lift/Uncover (tubers)  
Stake/Support  
Cut back (for new flush)  
Pinch buds  
Pinch for height  
Split/Transplant



# MONTH - Maintenance

## SHRUB/TREE PLANT CARE

*Every plant, every visit*

### *Shrubs/Evergreens*

Remove insulation/protection

Prune

Deadleaf/needle

Clean Bases

Stake/Support

Plant

Aerate

Deadhead

Fertilize

Protect

Insulate

*Picture Caption*

### *Ornamental Trees*

Remove insulation/protection

Prune dead

Stake

Prune

Fertilize

Plant

Limb up

Protect

Insulate



# MONTH - Maintenance

## ANNUALS, ETC. PLANT CARE

*Every plant, every visit*

### *Annuals/Veggies/Herbs/Bulbs*

Plant spring hardy annuals, veggies, herbs

Clean out containers/replace/amend soil as needed

Deadhead/Deadleaf

Fertilize

Harvest

Pinch

*Picture Caption*

