

Water harvesting resources



Rainwater Harvesting: Guidance for Homeowners



https://content.ces.ncsu.edu/rainwaterharvesting-guidance-for-homeowners



This module is also available in Amharic, Chinese, French, Korean and Spanish



Conservation Landscaping Resources

Principles Principl

# Rain Garden and Conservation Landscape Templates

### **Ease/confidence in success**

- Plant combinations for each zone already figured out
- Plant quantities determined
- No previous design experience
- Multiple options
- Benefit from others' efforts

### **Limitations**

- Site doesn't match footprint of template
- Template isn't the right size
- Template options don't fit desired style



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### Green Roof Resources













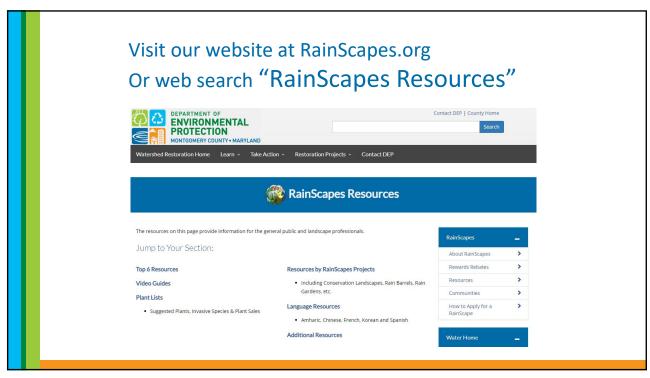


## Pavement Removal Resources













### Plant List Tool

Use the DEP-provided spreadsheet

Built in calculator!

Easy to use!

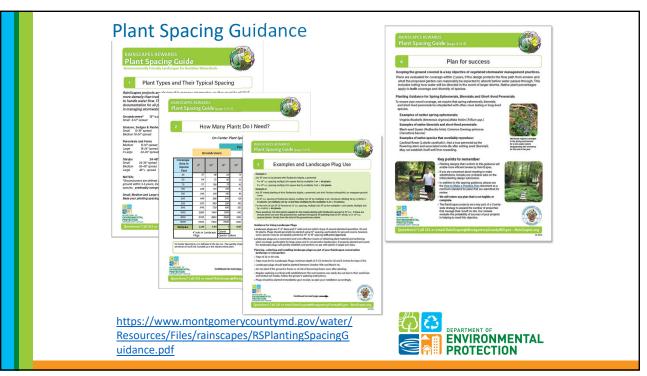
https://www.montgomerycount ymd.gov/water/Resources/Files /rainscapes/Blank%20Plant%20 List%20and%20Plant%20Calcula tor.xlsx

Plant Calculator Instructions	(Use blue cells only)		
Enter garden size in square feet in the user submitted data section			
2. Select "Yes" from dropdown to include understory trees/large shrubs			
<ol><li>Select "Yes" from dropdown to include medium/small shrubs.</li></ol>			
User Submitted Data			
Garden size (Square feet))			
Include Understory Trees/Large Shrubs?			
Include Medium/Small Shrubs?			
Plant Calculator			
Plant Type	Minimum Recommendations for Plant Quantity		
Understory Trees/Large Shrubs	0		
Medium/Small Shrubs	0		
Large Perennials	0		
Small Perennials/Groundcovers	0		
Total:	0		
Mulch and Compost Calculator Instru	ıctions (Use blue cells only)		
Enter garden size in square feet in the user submitted data section			
Enter desired thickness of compost in inches (number only, no symbols)			
Enter desired thickness of compost in inches (number only, no symbols)      Enter desired thickness of compost in inches (number only, no symbols)			
<ol> <li>Enter desired thickness of compost in in</li> </ol>			
	ches (number only, no symbols)		
Mulch and Compost	ches (number only, no symbols)  Calculator		
Mulch and Compost 3" of mulch and 2" of compost	ches (number only, no symbols)  Calculator  is recommended		
Mulch and Compost	ches (number only, no symbols)  Calculator		
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Mulch and Compost 3" of mulch and 2" of compos Compost thickness (Inches) 2 2 Cubic foot Bags 0	ches (number only, no symbols) Calculator is recommended Mulch thickness (inches) 3 2 Cubic foot Bags 0		

This part is optional

#### How the Tool Works Scientific Name Container Size Qty Spacing Common Name 3' Clethra alnifolia 'Hummingbird White' Sweet Pepper bush 3G 18" 9 Asclepias incarnata Swamp Milkweed Chelone Iyonii 'Hot Lips' 18" 1G Turtlehead 9 Iris versicolor Purple Flame 18" Blue Flag Iris 1G Monarda bradburiana 1G Bee Balm Penstemon digitalis Husker Red Beardtongue 1G 15" Solidago sphacelata Golden Fleece Goldenrod 1G 3 Carex amphibola Creek sedge 1 gal 34 15" Panicum virgatum 'Cape Breeze' Switch Grass 1 gal 5 Magnolia virginiana Sweetbay Magnolia Australis 15G Eupatorium Joe pye weed TP 2 'Hummingbird White' Asclepias incarnata Iris versicolor Purple Flame Blue Flag Iris Monarda bradburiana Bee Balm Joe pye weed https://www.montgomerycountymd.gov/water/Resources/Files/rainscapes/ Blank%20Plant%20List%20and%20Plant%20Calculator.xlsx

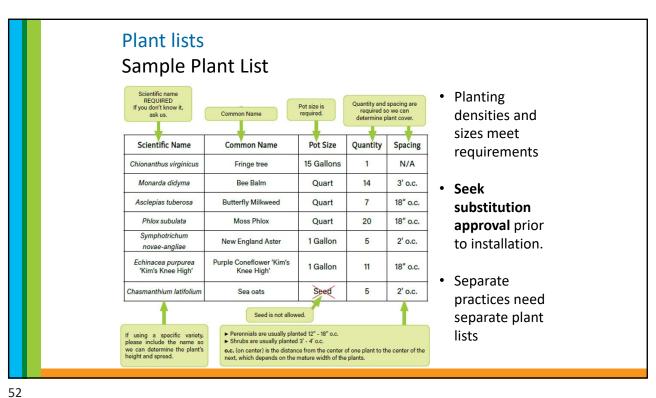
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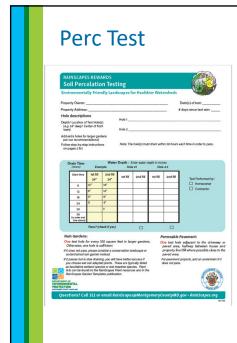










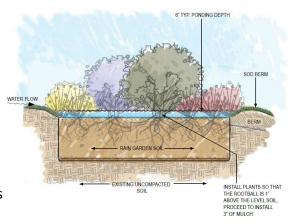


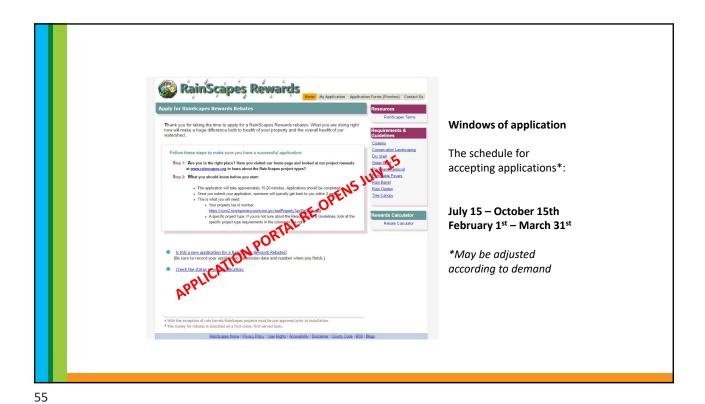




### Rain Garden Details

- Water infiltrates into the soil aided by the roots.
- Overflows at least 10 feet over a vegetated surface.
- Inlet pipe above max ponding height.
- Directing downspouts through a vegetated swale is preferred.





1 · Learn about types of projects at RainScapes.org. Choose a project Choose a project. and apply Go to RainScapes.org and click Apply Now! 2 A RainScapes planner will contact you to schedule an on-site visit.
(Exception: Rain barrel applications do not require a preliminary site visit.) During the site visit, your planner will help you determine whether the project that you chose is best suited for your property and will identify your next steps. **Get approval** NOTE: Before a rain garden, conservation landscape, or green roof can be approved, you must submit a scaled planting plan and plant list for staff review. (Download HOW TO MAKE A PLANTING PLAN from the Resources section of \*RainScapes.org\*.) and install your project When your project is approved for the RainScapes Rewards Rebate program, RainScapes staff will email you a **Property Owner Agreement (POA)**. Click the link in the email to electronically sign the POA. Now you may install your project. 3 When your project is complete, contact your RainScapes planner to schedule a final inspection. Finish and Submit copies of project receipts (via mail, email, or in person during your final inspection.) get a rebate After passing the final inspection, you will receive a rebate check in 4-6 weeks.

### **Project Approval Process**

- Do not install a project until you have approval from your RainScapes planner. Proceeding without approval can void rebate eligibility for the property owner.
- Approval is for a specified area, plan and dollar amount; changes are program and budget dependent; any change should be agreed to prior to final submission.
- Provide a final plan or redline that reflects major, agreed-to changes that happened during the plan review process.

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### Rebate Process Timeline- Plan 6 months ahead!

Process step	Time Frame	Required Documents
Application submittal	15 minutes	
Preliminary Inspection scheduling	Up to 2 months	
Site Assessment report sent	2 weeks after preliminary inspection	Report sent to applicant
Project design submission	within 3 months of receiving assessment report	Design, plant list or other based on requirements
Project Design Review	within 2 months of receiving documents	
Project Approval	within 1-2 weeks of succesful project design review	Project approval email sent to applicant. POA generated.
Installation	within 6 months of project approval	Installation photos
Request final inspection	within 3 months of installation	
Final Inspection scheduling	within 1 month of inspection request	After photos, updated plant list, signed POA
Rebate paid	8-12 weeks after final inspection	

# RainScapes:



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