







Design ≠ Gardening



7 Principles of Water-Wise Landscaping



Planning and designing for water conservation, beauty, and utility

Hydrozoning

Selecting plant appropriate for our climate... Grouping them according to water need... Watering according to need

Watering efficiently with appropriate irrigation methods

Creating practical turf and non-turf areas

Improving the soil

Mulching to reduce evaporation

Contraction of the second

Manager Street Street

Maintaining with good horticultural practices

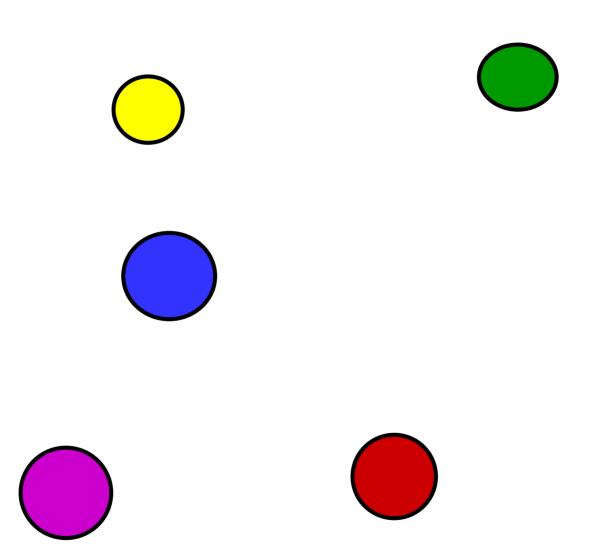
7 Principles of Water-Wise Landscaping

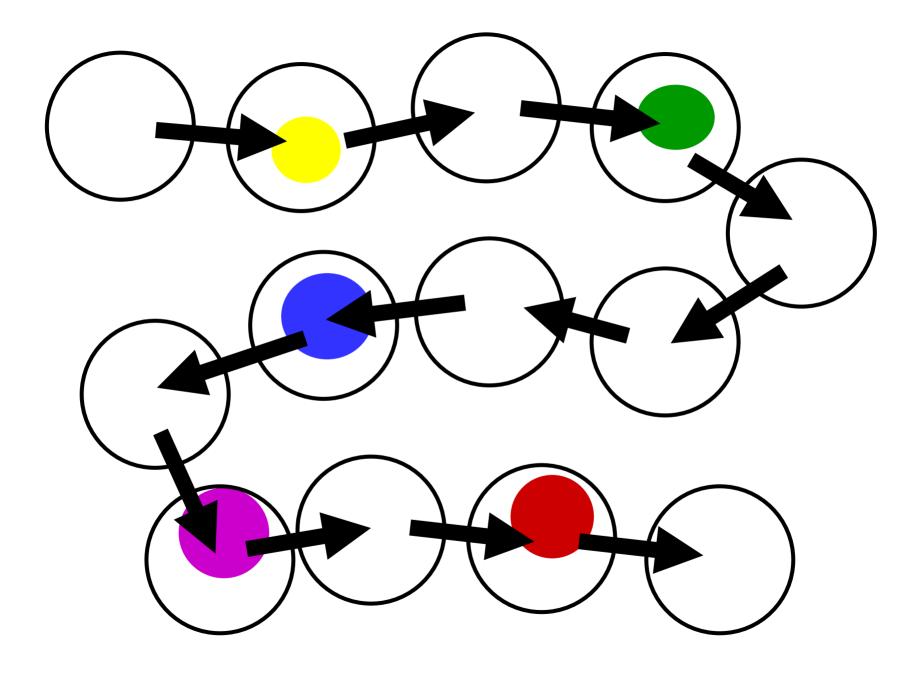
- Planning…
- Hydrozoning…
- Watering efficiently..
- Practical turf...
- Improving soil
- Mulching
- Maintaining...

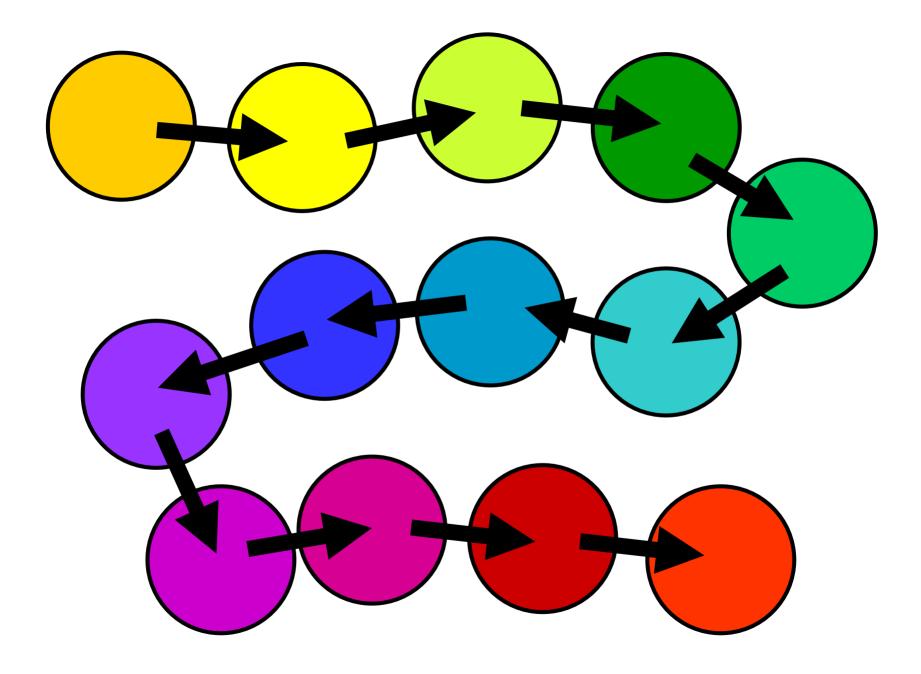


Planning and designing for water conservation, beauty, and utility

A process More than plunking down some plants







Creating practical and pleasing outdoor space

What do you want and need from the landscape?















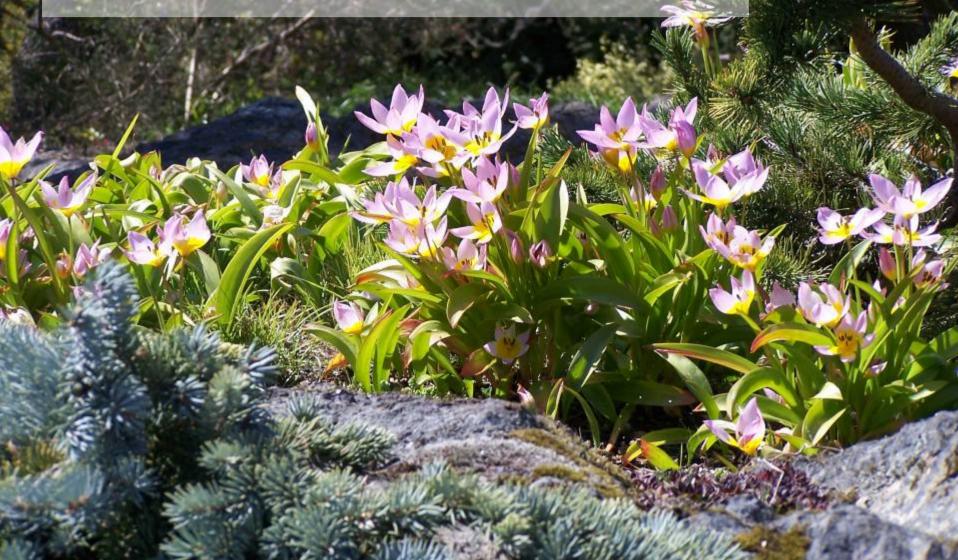


Colorado's High Plains Prairie

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Investment in time and dollars

A process More than plunking down some plants



Watering efficiently with appropriate irrigation methods

On a community wide basis Apply twice the amount of water needed by landscape plants Due to poor irrigation system Design ✓ Maintenance Management

Watering efficiently

Irrigation efficiency has greatest water savings potential for most home gardeners.



Drip irrigation

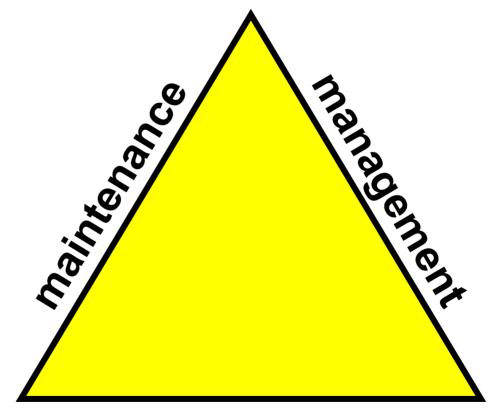
with mulch reduces water use by 50%.

- Flower & shrub beds
- Vegetables
- Small fruits





Sprinkler Design Criteria for Uniform Water Distribution



design

Hydrozoning

Selecting plant appropriate for our climate... Grouping them according to water need... Watering according to need



Grouping plants according to water need AND Irrigating according to need



o Lawn areas

- Routine irrigation
- Reduced irrigation
- Minimal irrigation



o Lawn areas

- ✓ Routine irrigation
- Reduced irrigation
- Limited irrigation

• Mixed shrub and flower beds

- Routine irrigation
- Reduced irrigation
- Limited irrigation



o Lawn areas

- Routine irrigation
- Reduced irrigation
- Limited irrigation

o Mixed shrub and flower beds

- ✓ Routine irrigation
- Reduced irrigation
- Limited irrigation
- Non-irrigated areas



o Lawn areas

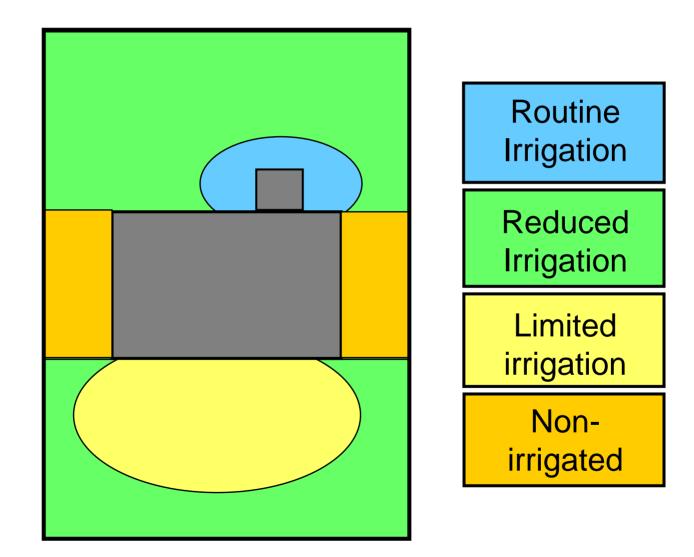
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• Mixed shrub and flower beds

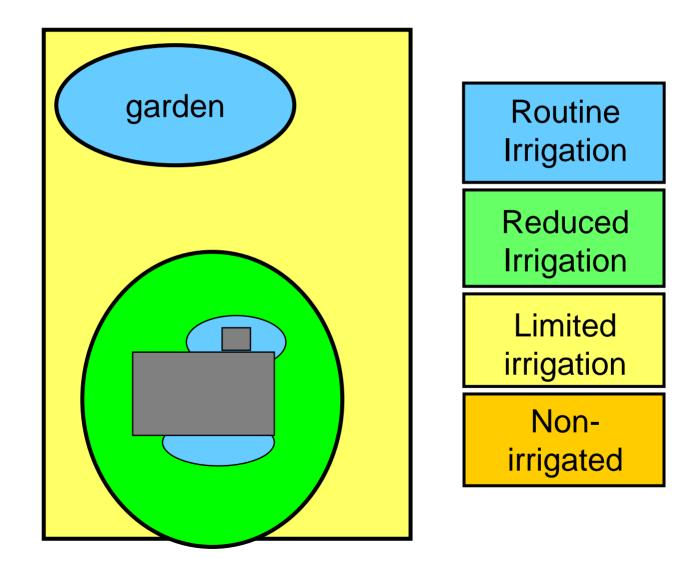
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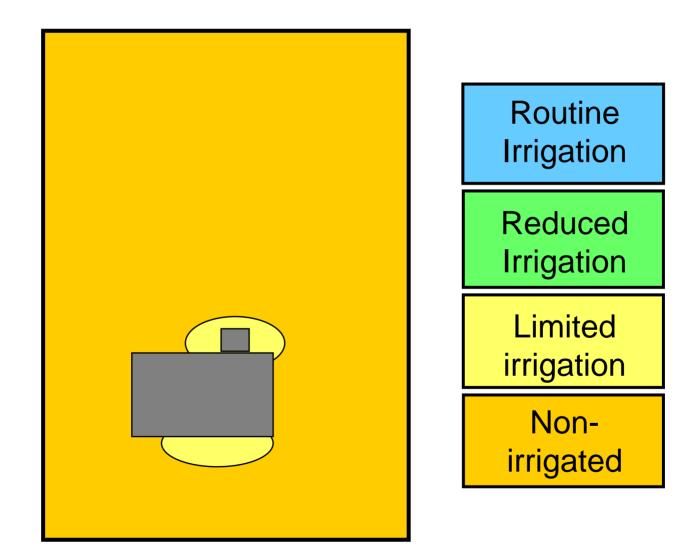
Hydrozone Bubble Drawings

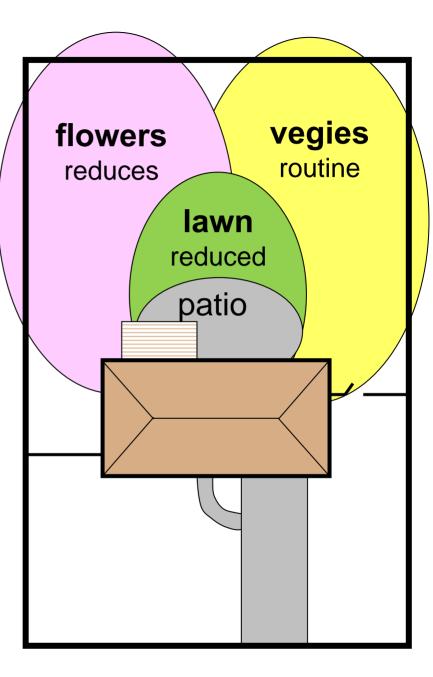


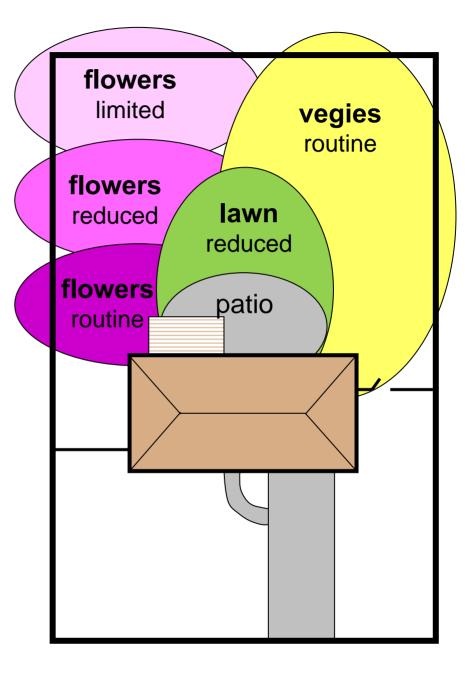
Hydrozones Bubble Drawings

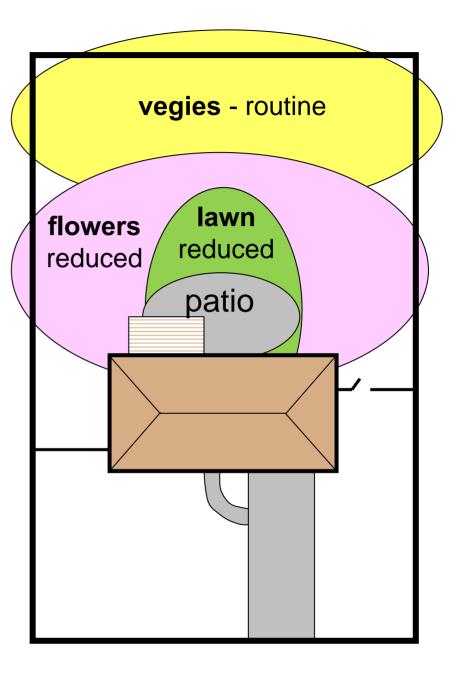


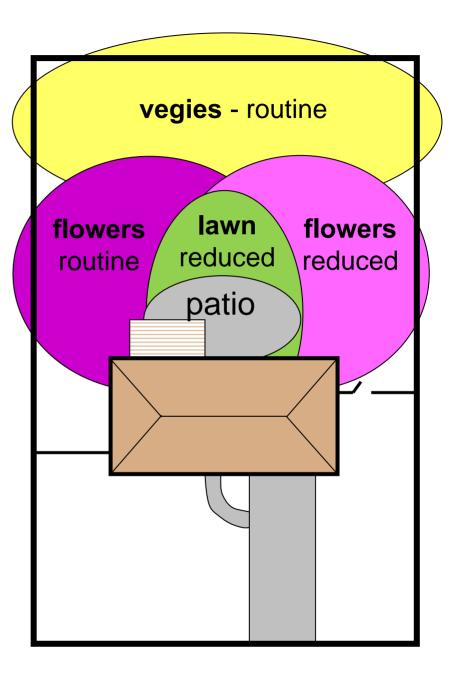
Hydrozones Bubble Drawings

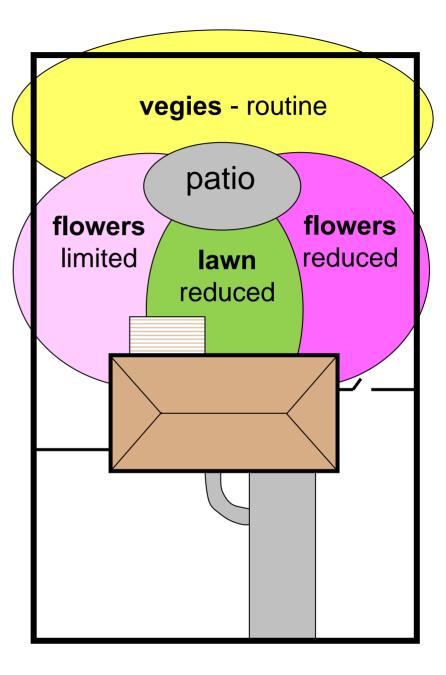








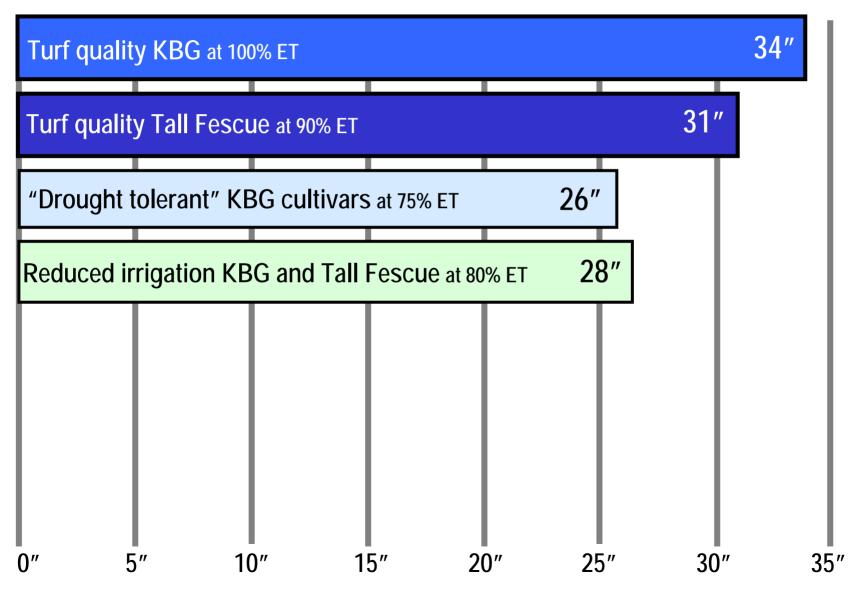


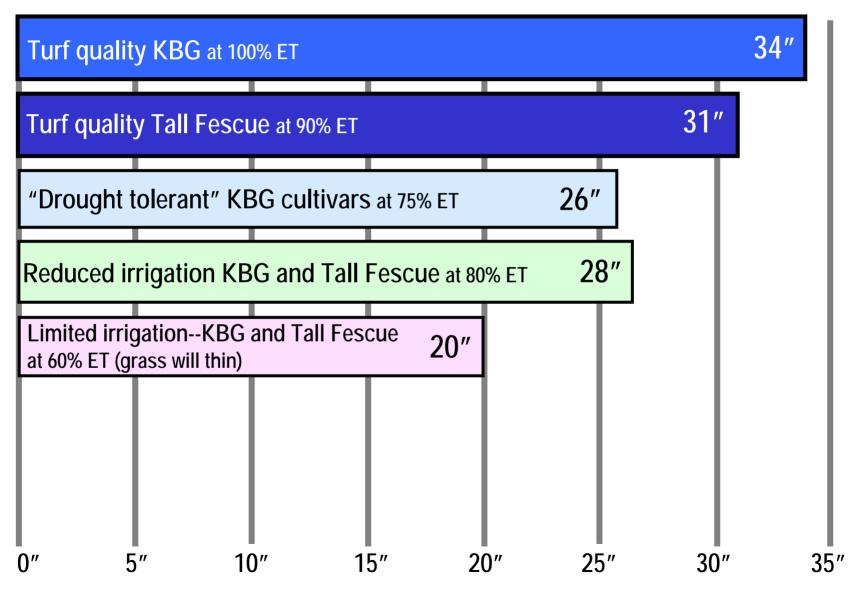


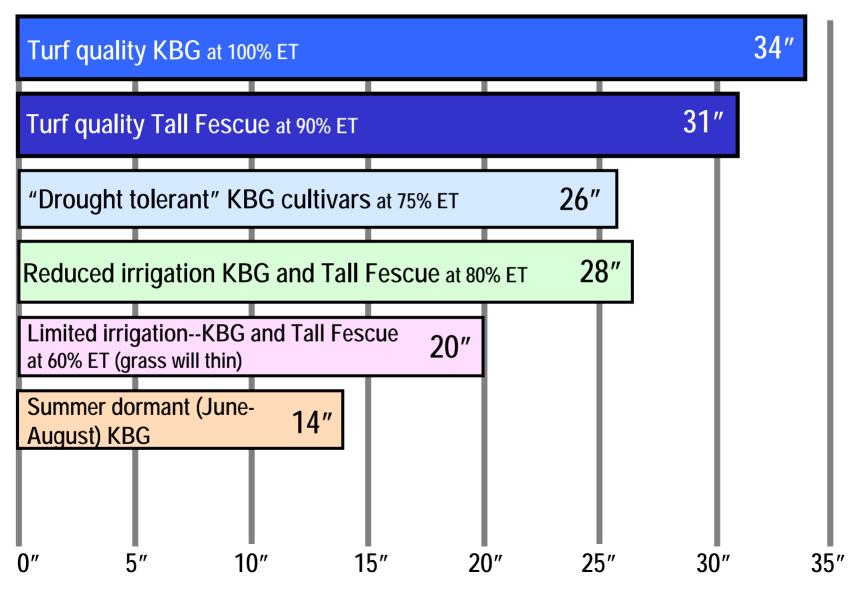
Creating practical turf and non-turf areas

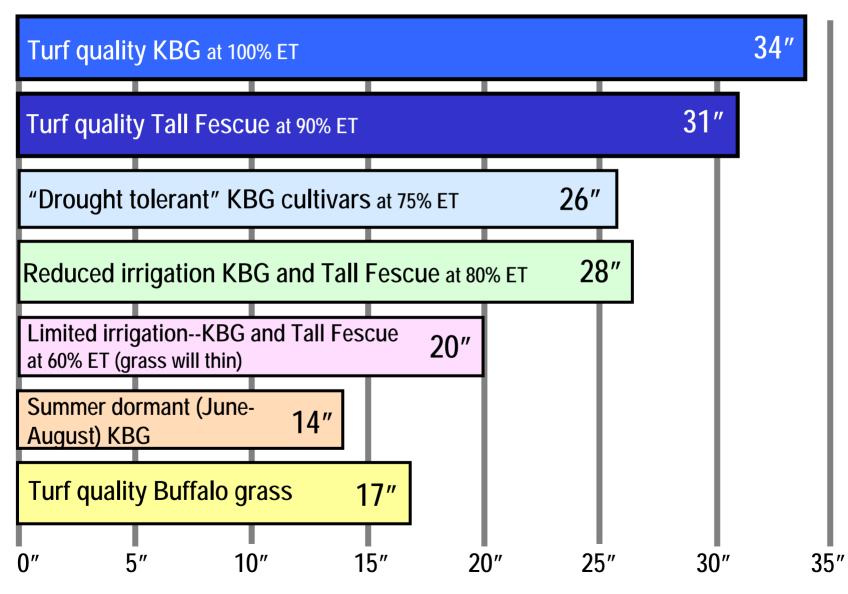
Turf quality KBG at 100% ET									
							35		
)″	5″	10″	15″	20″	25″	30″			

Turf c	34	4″					
"Drou	ught tolera	nt″ KBG cu	ltivars at 75%	6 ET	26″		
Reduc	ced irrigati	on KBG and	l Tall Fescu	e at 80% ET	28″		
0″	5″	10″	15″	20″	25″	30″	3





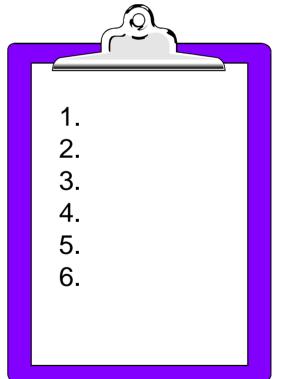






Creating <u>practical</u> and <u>pleasing</u> outdoor living space

Plant consideration lists based on hydrozones



Extension Fact Sheets

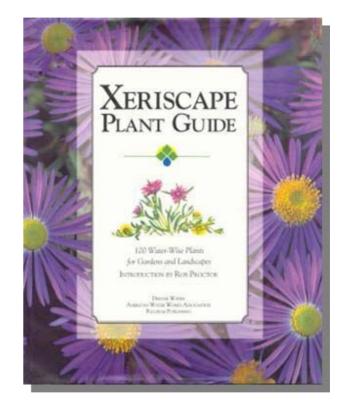
- Deciduous shrubs, #7.415
- Evergreen shrubs, #7.414
- Evergreen trees, #7.403
- Hedges, #7.208
- Large deciduous trees for street and shade, #7.419
- Native shrubs for Colorado landscapes, #7.422
- Native trees for Colorado landscapes, #7.421
- Shrubs for mountain communities, #7.407
- Small deciduous trees for privacy and color, #7.418
- Trees for mountain communities, #7.408
- Xeriscaping trees and shrubs #7.229

Colorado's semi-arid climate

Suggested references

✓ Xeriscape Plant Guide

by Denver Water, Fulcrum Publishing



www.xratedgardening.com



PUT SOME EXCITEMENT IN YOUR YARD!

A Guide To Xeriscape" Gardening



Colorado's semi-arid climate

 On sites where landscape irrigation is not desirable or possible, focus on natural growth.











Xeriscaping is NOT a rock pile.

411-13

Even xeric plants need rain and/or irrigation during establishment.

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Gardens with limited to no irrigation will thrive some years and decline other years.

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Create effective plant combinations by paring opposites

Paired opposites!

- Fine / Course
- Round / Upright
- Small / Large
- Short / Tall
- Thug / Dainty

























