

Yuccah®

Yuccah is a performance-enhanced, natural-based wetting agent/soil penetrant derived from the *Yucca schidigera* plant. This unique desert plant produces natural surfactants to help it use water more efficiently. These surfactant compounds help plants survive the extreme heat, drought and soil salinity found in harsh climates. *Yucca schidigera* extracts also contain natural saponins that promote beneficial microbial activity in the soil. Although pure yucca extracts are highly effective surfactants, Yuccah is modified to enhance wetting and penetrant properties for outstanding performance. It is an ideal choice as an adjuvant for Integrated Pest Management (IPM) programs. Non-phytotoxic, even when applied in hot, dry conditions.

Yuccah:

- Promotes a more uniform movement of water within the soil profile
- Alleviates dry soil spots
- Increases water penetration through soil for drench, soil injection or fertigation treatments
- Acts as an adjuvant for wettable pesticides or fertilizers, increasing their spreadability

PERFORMANCE-ENHANCED YUCCA EXTRACT WETTING AGENT AND SOIL PENETRANT

NOT A PLANT FOOD PRODUCT. CONTAINS NON PLANT FOOD INGREDIENTS.

GUARANTEED ANALYSIS

INGREDIENTS	% by Weight
<i>Yucca schidigera</i> plant extract	90%
Copolymerized alkane oxides (non-ionic surfactant)	9.985%
INERT INGREDIENTS	
Copper sulfate (preservative)	0.015%

DIRECTIONS FOR USE

Apply with water or spray mixes whenever plants are stressed due to heat, drought, compaction or hydrophobic soil conditions. For optimal results dilute 1:100 in water (1 ounce per gallon of water), and apply as a spray or soil drench. Yuccah may foam with agitation. To reduce foaming, add other ingredients first and mix. Then add Yuccah to tank when tank is almost full. Reduce agitation vigor to reduce foaming.

COMPATIBILITY

Completely nontoxic to plants and will not cause leaf burn or stress like most synthetic wetting agents. Use whenever chemical based wetting agents are not desirable due to hot weather, plant stress, environmental concerns or compatibility problems. Compatible for mixing with soluble fertilizers and pesticides. It mixes easily in cold water and stays in solution without agitation.

STORAGE/SHELF LIFE

This product is stable in cool, dry storage conditions.

HEALTH AND SAFETY INFORMATION

- In case of allergic reaction(s), treat symptoms and contact physician.
- Avoid breathing dust or spray mist.
- Wash hands after handling.
- In case of ingestion, seek medical attention.
- **Keep out of reach of children.**

PACKAGING

4 x 1 Gallon Case
2 x 2.5 Gallon Case
55 Gallon Drum

TECHNICAL ASSISTANCE

For technical assistance, call 1-800-421-9051

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APPLICATION RATES

TREE/SHRUB CARE RATES

Application	Yuccah	Water Volume	Coverage	Frequency
Installation or Stress Recovery	2 quarts	100 gallons	1250 square feet	At planting
Maintenance	1 quart	50 to 100 gallons	1250 square feet	Monthly
Soil Injection	1-2 quarts	100 gallons	1250 square feet	When Injecting

TURF CARE RATES

Application	Yuccah	Water Volume	Coverage	Frequency
Greens, Tees and Fairways	2 gallons	100 gallons	1 acre	Monthly
Lawns	6 ounces	100 gallons	1000 square feet	As needed
Overseeding	3 ounces	25 to 50 gallons	1000 square feet	At seeding and every 2 to 4 weeks after germination
Sod Installation	2 gallons	50 to 100 gallons	1 acre	1 to 2 weeks prior to harvest or immediately after installation

ORNAMENTAL PLANTS/POTTED PLANTS

Application	Yuccah	Water Volume	Coverage	Frequency
Flower Beds	6 ounces	50 gallons	1000 square feet	Every 2 to 4 weeks
Potted Plants	1 teaspoon	1 gallon	Apply 1/4 of pot volume	Every 2 to 4 weeks

IN-LINE SYSTEMS

Fertigation	Yuccah	Mix Tank	Dilution Setting	Frequency
Dosatron	1 gallon	5 gallons	1:20	Apply with irrigation or fertilizer to deliver 1:100 Yuccah in water

OTHER APPLICATIONS

Application	Yuccah	Water Volume	Coverage	Frequency
Problem Soils (compaction)	12 ounces	100 gallons	1000 square feet	Every 2 to 4 weeks
Hydroseeding	2 gallons	tank capacity	1 acre	As needed