How to use

MOISTURE MIZER™ is easy to use

Whether applied as dry or wet media, **MOISTURE MIZER™** is easy and safe for virtually any gardener from the novice to professional landscaper. Achieve wonderful results in the garden, in the greenhouse, or on the farm. Select the method which suits your purposes.

Refer to the chart to determine the recommended amount of **MOISTURE MIZER™** to use. Then mix according to the instructions and apply.

General usage information

There are several ways to apply **MOISTURE MIZER™**. Dry application is preferred in certain situations, while wet applications may be a better choice in others. A number of alternative methods are described below. Select the method which suits your purposes.

Dry application methods: Always use measured, or closely estimated, amounts of dry soil or other growing media, and the correct measured amount of dry **MOISTURE MIZER™**. Due to the differences in make-up of soils, there is a limited degree of latitude in the exactness of measurements, but the closer you follow recommended dosages, the better results you can expect. Dry fertilizer can be added at this time. Evenly sprinkle **MOISTURE MIZER™** on the surface and work it throughout the growing media.

Wet application method: There are two methods for using **MOISTURE MIZER™** wet. One is used to treat existing plants which are not to be transplanted, and the other is for dipping bare root plants or sets. In both cases,**MOISTURE MIZER™** is mixed with water to form a “slurry” (having a consistency similar to loose cream of wheat). If fertilizer has been dissolved in the water absorbed my **MOISTURE MIZER™**, it will be held encapsulated until plants need it. Allow slurry to stand for at least an hour before using. Leftover slurry can be kept in a sealed container indefinitely.

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pplications

om the applications listed below, lect the one that most suits your rposes.

Methods

Listed below are among the most popular methods of applying super absorbants.

Amending media:

Grain sizes

MOISTURE MIZER™ is available in the following grain sizes:

efer to the recommended easurements in the chart to termine the how uch **MOISTUREMIZER™** to use.

en mix according to the structions and apply.

w to use

tted plants

es, saplings

ds, bedding rows

loor gardening

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ail applications

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for bedding flats, potted plants...

Gel seeding:
for gel seeding applications mix with water and pre-germinated seeds....

Hydro-mulching:
mixed with the mulch, water, seed, and other additives to promote and speed germination...

Broadcasting:
broadcast over an area to be seeded to enhance moisture retention, promote emergence, and increase germination...

Citrus applications:
used to treat resets, to increase survival and to reduce watering requirements....

Bare root dipping:
reduces cost and increases survival rate for bare root shipping....

Green: a blend of grain sizes and tinted green, which is usually the most suitable for the home gardening retail customer

Fine: (<1mm) primarily used for bare root dipping

Small: (1mm) used for fine potting soils, containers, hydroseeding, and gardens

Medium: (1 mm to 2 mm) used for trees, shrubs, containers, flower beds, hanging baskets, gardens

Large: (2mm to 4 mm) used for large containers, caliper trees 2 inches and greater, and large shrubs

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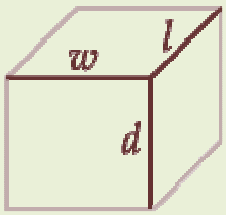
Dry application

Always use measured, or closely estimated, amounts of dry soil or other growing media, and the correct measured amount of dry Moisture Mizer. Due to the differences in make-up of soils, there is a limited degree of latitude in the exactness of measurements, but the closer you follow recommended dosages, the better results you can expect. Dry fertilizer can be added at this time. Thorough mixing of the soil and **MOISTURE MIZER™** is essential. If you can see small, clear globs on the surface of the soil, work them into the soil being careful not to damage the roots.**MOISTURE MIZER™** works best at root level.

pots, planters, tubs, hanging baskets, seed flats, other containers

1. Measure the soil volume or planting area dimensions.

	diameter	Pots and planters are often designated by diameter or volume. If you are unsure either measure the width of the pot at the opening or measure the volume of soil to be used with a measure cup or gallon pitcher.
	volume	
	square feet	If your planting a bed or garden row 1 to 3 inches deep, calculate the sqaure feet of your planting area by mulitplying the (w) width x (l) length of your garden and then dividing by 12 then refer to application chart for bedding plants, garden row, hills for melons, squash, etc. For example 12 in (w) x 12 in (l) ÷ 12in = 1 square foot. Then refer to the appropriate chart and multiply the number of square feet times the product measurement indicated.
	cubic measurement	If the area you are planting is deeper than 3 inches or your are planting large root masses calculating cubic feet may be more beneficial. To calculate cubic feet measure and multiply the area's (w) width x (l) length x (d) depth. For example 1 ft (w) x 1 ft (l) x 1 ft = 1 cubic foot where as 1.5 ft (w) x 1.5 ft (l) x 2 ft = 4.5 cubic feet. Then refer to the appropriate chart and multiply the number of cubic feet times the product measurement indicated.

2. Determine your plant's recommended water usage.

	high	high water usage, moist soil	Refer to the label of your new flower, plant, shrub, or tree.

	medium	medium water usage, well drained soil
	low	low water usage, dry soil

3. Refer to Table A for recommended ratio.
Match the appropriate row and column to determine the mixture for your application and measure the amount of mix to be used.

4. Mix the soil and MOISTURE MIZER™ thoroughly.
Thorough mixing of the soil and **MOISTURE MIZER™** is essential. If you can see small, clear globs on the surface of the soil, work them into the soil being careful not to damage the roots. **MOISTURE MIZER™** works best at root level.

Note after watering, there will be a 10% - 20% increase in soil volume. Although it begins to swell immediately, it takes up to an hour or more to fully expand. Make allowances for this expansion so the soil won't over-flow the container.

*Do Not Overuse! **MOISTURE MIZER™** is Long - Lasting. One Treatment lasts 3 to 4 years.*

5. Plant or repot as usual.

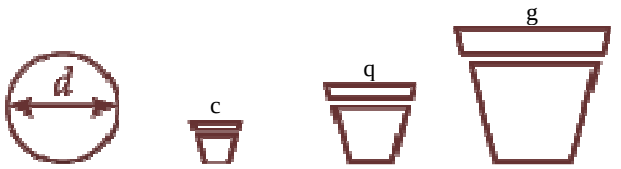
6. Water well.

7. Water again in 30 minutes.

pots, planters, tubs, hanging baskets, seed flats, other containers, balled and burlapped trees, shrubs, ornamentals, berries, grapes..

Table A

planting dimensions or volume | **if your plant's water usage is...** | **recommended grain sizes**



							low	med	high		G	F	S	M	L
4 in.	x		x		x		1/8 t	1/6 t	1/4 t	•		•	•		
	x	2 c	x		x		1/4 t	1/3 t	1/2 t	•		•	•		
	x	4	x	1	x		1/2 t	2/3 t	1 t	•		•	•		
6	x		x		x		3/4 t	1 t	1 1/2 t	•		•	•		
	x	8	x	2	x	1/2	1 t	1 1/2t	2 t	•		•	•		
8	x		x		x		1 1/2 t	2 t	2 1/2 t	•		•	•		
	x	16	x	4	x	1	2 t	1 T	1 1/4 T	•		•	•		
10	x		x		x		2 1/2 t	1 1/2 T	2 T	•		•	•		
	x	32	x	8	x	2	1 1/4 T	2 T	2 1.2 T	•		•	•		
12	x		x		x		2 T	3 T	4 T	•		•	•		
	x	64	x	16	x	4	2 1/2 T	4 T	5 1/4 T	•		•	•		

MOISTURE MIZER™ is available in the following grain sizes:

Green: a blend of grain sizes and tinted green, which is usually the most suitable for the home gardening retail customer

Fine: (<1mm) primarily used for bare root dipping

Small: (1mm) used for fine potting soils, containers, hydroseeding, and gardens

Medium: (1 mm to 2 mm) used for trees, shrubs, containers, flower beds, hanging baskets, gardens

Large: (2mm to 4 mm) used for large containers, caliper trees 2 inches and greater, and large shrubs

Measurements and Equivalents
t = teaspoons, T = tablespoons,
c = cups, lbs = pounds

3 t	=	1 T	=							
6 t	=	2 T	=	1 oz						
12 t	=	4 T	=	2 oz	=	1/4 c				
18 t	=	8 T	=	4 oz	=	1/2 c	=	1/4 lbs		
		16 T	=	8 oz	=	1 c	=	1/2 lbs		
		32 T	=	16 oz	=	2 c	=	1 lbs		

Note: after watering, there will be a 10% - 20% increase in soil volume. Although it begins to swell immediately, it takes up to an hour or more to fully expand. Make allowances for this expansion so the soil won't over-flow the container.

Caution: extremely slippery when wet.
Treat spills as a potential hazard.
Clean immediately from walkways to prevent falls.

How many containers will a package of**MOISTURE MIZER™** treat.

package size	4 in		2 c		1 q		8 inch		1 gallon		12 inch		5 gallon
2 oz	72	or	36	or	18	or	7	or	4	or	1	or	1*
10 oz	360	or	180	or	90	or	36	or	24	or	7	or	4
1 lb	576	or	288	or	144	or	57	or	38	or	12	or	7
5 lb**				or	720	or	288	or	192	or	60	or	36

Refer to the above chart to determine how much **MOISTURE MIZER™** is necessary for your gardening needs. Each row indicates the approximate the number of containers each package will treat meeting moist requirements. For example, one 2 ounce package of **MOISTURE MIZER™** will treat 18 quart sizes planters or pots at a moist soil level.

* One 2 ounce package of **MOISTURE MIZER™** will treat one 5 gallon pot or planter with a medium water usage requirement.
**5 pound bags are not available retail stores.

Results and quantities may vary.

Balled and Burlapped Trees, Shrubs, Ornamentals; Berries, Grapes, Etc.

Use Chart Table A or Table B; Saplings and Trees Use Chart D.

1. Dig hole to recommended width and depth. Set dirt aside in a bucket or on a plastic sheet.

2. Measure the soil volume or planting area dimensions.

diameter

Pots and planters are often designated by diameter or volume.

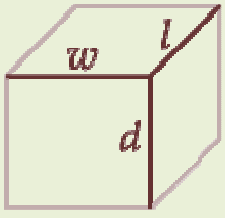
If you are unsure either measure the width of the pot at the opening or measure the volume of soil to be used with a measure cup or gallon pitcher.

volume

square feet

If your planting a bed or garden row 1 to 3 inches deep, calculate the sqaure feet of your planting area by mulitplying the (w) width x (l) length of your garden and then dividing by 12 then refer to application chart for bedding plants, garden row, hills for melons, squash, etc.

For example 12 in (w) x 12 in (l) ÷ 12in = 1 square foot.
Then refer to the appropriate chart and multiply the number of square feet times the product measurement indicated.



cubic measurement

If the area you are planting is deeper than 3 inches or your are planting large root masses calculating cubic feet may be more beneficial. To calculate cubic feet measure and multiply the area's
(w) width x (l) length x (d) depth.

For example 1 ft (w) x 1 ft (l) x 1 ft = 1 cubic foot where as 1.5 ft (w) x 1.5 ft (l) x 2 ft = 4.5 cubic feet.

Then refer to the appropriate chart and multiply the number of cubic feet times the product measurement indicated.

3. Mix in correct amount of MOISTURE MIZER™.
For Balled and burlapped trees, shrubs, ornamentals; berries, grapes, etc. Use Tables A or B. For saplings and trees Use Table D.

4. Put enough dirt back into the hole to set the plant at correct depth.

6. Pour in a gallon of water.

7. Fill with remainder of dirt.

8. Over next two hours, add a gallon of water for each square foot of treated dirt or leave a slow - drip hose running at the base of the plant for two hours.

Methods 3 through 6 may be done by rototiller, as well as by hand. If using a rototiller, broadcast correct amount of**MOISTURE MIZER™** (use Chart B or C). Till in, to desired depth. Plant as usual.

Bedding Plants. Use Table B or Table C

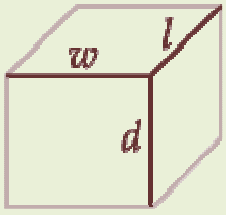
*May be done by rototiller, as well as by hand. If using a rototiller, broadcast correct amount of **MOISTUREMIZER™**. Till in, to desired depth. Plant as usual.*

1. Measure the soil volume or planting area dimensions.

square feet

If your planting a bed or garden row 1 to 3 inches deep, calculate the sqaure feet of your planting area by mulitplying the (w) width x (l) length of your garden and then dividing by 12 then refer to application chart for bedding plants, garden row, hills for melons, squash, etc.

For example 12 in (w) x 12 in (l) ÷ 12in = 1 square foot.
Then refer to the appropriate chart and multiply the number of square feet times the product measurement indicated.



cubic measurement

If the area you are planting is deeper than 3 inches or your are planting large root masses calculating cubic feet may be more beneficial. To calculate cubic feet measure and multiply the area's
(w) width x (l) length x (d) depth.

For example 1 ft (w) x 1 ft (l) x 1 ft = 1 cubic foot where as 1.5 ft (w) x 1.5 ft (l) x 2 ft = 4.5 cubic feet.

Then refer to the appropriate chart and multiply the number of cubic feet times the product measurement indicated.

2. Set dirt on plastic sheet and

3. Mix it into the correct amount of MOISTURE MIZER™ using Table B or Table C .

4. Return two thirds of the treated soil back to the excavated area and set out plants in this cushion of soil.

5. Fill around plants with remaining dirt, press down firmly.

6. Water for an hour by slow - drip hose or sprinkler.

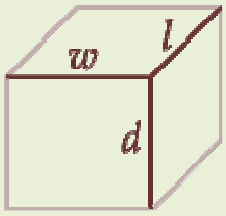
Garden Rows. Use Table C.

1. Measure the soil volume or planting area dimensions.

square feet

If your planting a bed or garden row 1 to 3 inches deep, calculate the sqaure feet of your planting area by mulitplying the (w) width x (l) length of your garden and then dividing by 12 then refer to application chart for bedding plants, garden row, hills for melons, squash, etc.

For example 12 in (w) x 12 in (l) ÷ 12in = 1 square foot.
Then refer to the appropriate chart and multiply the number of square feet times the product measurement indicated.



cubic measurement

If the area you are planting is deeper than 3 inches or your are planting large root masses calculating cubic feet may be more beneficial. To calculate cubic feet measure and multiply the area's
(w) width x (l) length x (d) depth.

For example 1 ft (w) x 1 ft (l) x 1 ft = 1 cubic foot where as 1.5 ft (w) x 1.5 ft (l) x 2 ft = 4.5 cubic feet.

Then refer to the appropriate chart and multiply the number of cubic feet times the product measurement indicated.

2. Till.

3. Make a two to three inch notch in top of each ridge between furrows, its entire length, with hoe or other tool.

4. Using Table C measure the amount of MOISTURE MIZER™ to be used.

5. Lightly sprinkle MOISTURE MIZER™ along the length of the notch and mix into the soil.

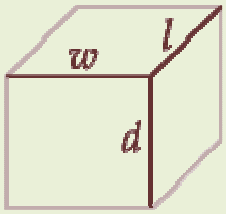
6. Plant as desired.

7. Water, slow - drip, for an hour, allowing furrows to fill.

Hills for Melons, Squash, Etc. Use Table C.

1. Remove a shovel full of dirt from each hill,

2. Measure the soil volume or planting area dimensions.

	square feet	If your planting a bed or garden row 1 to 3 inches deep, calculate the sqaure feet of your planting area by mulitplying the (w) width x (l) length of your garden and then dividing by 12 then refer to application chart for bedding plants, garden row, hills for melons, squash, etc. For example 12 in (w) x 12 in (l) ÷ 12in = 1 square foot. Then refer to the appropriate chart and multiply the number of square feet times the product measurement indicated.
	cubic measurement	If the area you are planting is deeper than 3 inches or your are planting large root masses calculating cubic feet may be more beneficial. To calculate cubic feet measure and multiply the area's (w) width x (l) length x (d) depth. For example 1 ft (w) x 1 ft (l) x 1 ft = 1 cubic foot where as 1.5 ft (w) x 1.5 ft (l) x 2 ft = 4.5 cubic feet. Then refer to the appropriate chart and multiply the number of cubic feet times the product measurement indicated.

3. Using Table C measure the amount of MOISTURE MIZER™ to be used.

4. Mix thoroughly with it before returning it to the hill.

5. Plant seeds.

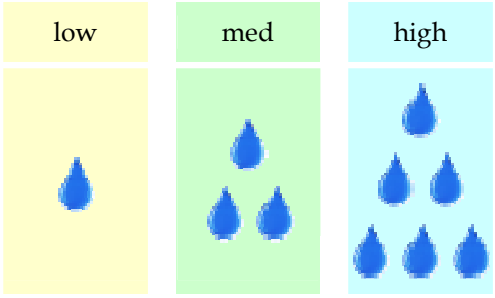
6. Water base of hill, slow - drip for an hour.

balled and burlapped trees, shrubs, ornamentals; berries, grapes, bedding plants...

Table B

cubic measurements

if your plant's water usage is...



recommended grain sizes

cubic		w		l		d				G	F	S	M	L
1 cu ft	x	12"	x	12"	x	12"	4 T	6 T	8 T					
1 cu yd	x	36"	x	36"	x	36"	2 lb	3 lb	4 lb					

bedding plants, garden rows

Table C

square foot measurements **if your plant's water usage is...**

recommended grain sizes

sq feet		w		l		d	low	med	high	G	F	S	M	L
1	x	1'	x	1'	x	1"	1 t	1/2 t	2 t					
1	x	1'	x	1'	x	3"	1 T	1 1/2 T	2 T					
1	x	1'	x	1'	x	6"	2 T	3 T	4 T					
100	x	10'	x	10'	x	1"	3/4 lb	1 lb	1 1/2 lb					
100	x	10'	x	10'	x	3"	2 lb	3 lb	4 lb					
100	x	10'	x	10'	x	6"	4	6	8					
1	x	1'	x	1'	x	1/2 to 1"	1/3 t	1/2 t	3/4 t					
100	x	10'	x	10'	x	1/2 - 1"	4 oz	6 oz	8 1/2 oz					
1	x	1'	x	1'	x	1/2 to 1"	1/3 t	1/2 t	3/4 t					
100	x	10'	x	10'	x	1/2 - 1"	4 oz	6 oz	8 1/2 oz					
1	x	1'	x	1'	x	1/2 to 1"	1/3 t	1/2 t	3/4 t					
100	x	10'	x	10'	x	1/2 - 1"	4 oz	6 oz	8 1/2 oz					

balled trees, sapplings

Table D

for a diameter of..			use the below amount					recommended grain sizes				
ball		caliper	oz		T		t	G	F	S	M	L
8"	or	3/4"	3/4	x	2	x	6					
12"	or	1"	1	x	3	x	9					
49"	or	11/3"	1 1/3	x	4	x	12					
20"	or	1 3/4"	1 3/4	x	5	x	15					
24"	or	2"	2	x	6	x						
28"	or	2 1/3"	2 1/3	x	7	x						

MOISTURE MIZER™ is available in the following grain sizes:

Green: a blend of grain sizes and tinted green, which is usually the most suitable for the home gardening retail customer

Fine: (<1mm) primarily used for bare root dipping

Small: (1mm) used for fine potting soils, containers, hydroseeding, and gardens

Medium: (1 mm to 2 mm) used for trees, shrubs, containers, flower beds, hanging baskets, gardens

Large: (2mm to 4 mm) used for large containers, caliper trees 2 inches and greater, and large shrubs

Measurements and Equivalents
t = teaspoons, T = tablespoons,
c = cups, lbs = pounds

3 t	=	1 T	=								
6 t	=	2 T	=	1 oz							
12 t	=	4 T	=	2 oz	=	1/4 c					
18 t	=	8 T	=	4 oz	=	1/2 c	=	1/4 lbs			
		16 T	=	8 oz	=	1 c	=	1/2 lbs			
		32 T	=	16 oz	=	2 c	=	1 lbs			

Note: after watering, there will be a 10% - 20% increase in soil volume. Although it begins to swell immediately, it takes up to an hour or more to fully expand. Make allowances for this expansion so the soil won't over-flow the container.

Caution: extremely slippery when wet.

Treat spills as a potential hazard.

Clean immediately from walkways to prevent falls.

How much **MOISTURE MIZER™** will I need to treat an area.

package size	square feet depth in inches 1"		3"		6"		cubic feet 1		yards 1		gallons of slurry
2 oz	9	or	3	or	1	or		or		or	4
10 oz	45	or	45	or	5	or		or		or	20
1lb	72	or	24	or	12	or	6	or	.25	or	32
5 lb	360		120	or	60	or	30	or	1.2	or	160
10 lb	720		240	or	120	or	60	or	2.5	or	320

Refer to the above chart to determine how much **MOISTURE MIZER™** is necessary for your gardening needs. Each row indicates the approximate area each package will treat meeting moist

requirements. For example, one 1 pound package of **MOISTURE MIZER™** will treat 12 square feet at a 6 inch garden or row depth at a moist soil level.

**5 pound bags are not available retail stores.

Results and quantities may vary.

How many trees or sapplings will a package of **MOISTURE MIZER™** treat.

General rull of thumb is 1 ounce of MOISTURE MIZER™ for every twelve inches in ball diameter or 1 inche of caliper.

package size	ball diameter in inches	8"		12"		16"		20"		24"		28"	
	caliper in inches	3/4"		1"		1 1/3"		1 3/4		2"		2 1/3"	
2		or	3	or	2	or	1	or	0	or	0	or	0
10		or	15	or	10	or	8	or	6	or	5	or	4
16		or	24	or	16	or	12	or	10	or	8	or	7
80		or	120	or	80	or	60	or	48	or	40	or	34

Refer to the above chart to determine how much **MOISTURE MIZER™** is necessary for your gardening needs. Each row indicates the approximate the number of containers each package will treate meeting moist requirements. For example, one 2 ounce package of **MOISTURE MIZER™** will treate 18 quart sizes planters or pots at a moist soil level.

* One 2 ounce package of **MOISTURE MIZER™** will treat one 5 gallon pot or planter with a medium water usage requirement.
**5 pound bags are not available retail stores.

Results and quantities may vary.

Lawns. Use Table E.

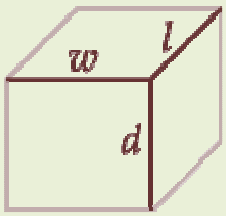
For the best results and most even coverage, work in sections of 100 sq. ft. (10' x 10') at a time. Complete very large areas by working in increments of 100 sq. ft.

1. Measure the soil volume or planting area dimensions.

square feet

If your planting a bed or garden row 1 to 3 inches deep, calculate the sqaure feet of your planting area by mulitplying the (w) width x (l) length of your garden and then dividing by 12 then refer to application chart for bedding plants, garden row, hills for melons, squash, etc.

For example 12 in (w) x 12 in (l) ÷ 12in = 1 square foot.
Then refer to the appropriate chart and multiply the number of square feet times the product measurement indicated.



cubic measurement

If the area you are planting is deeper than 3 inches or your are planting large root masses calculating cubic feet may be more beneficial. To calculate cubic feet measure and multiply the area's
(w) width x (l) length x (d) depth.

For example 1 ft (w) x 1 ft (l) x 1 ft = 1 cubic foot where as 1.5 ft (w) x 1.5 ft (l) x 2 ft = 4.5 cubic feet.

Then refer to the appropriate chart and multiply the number of cubic feet times the product measurement indicated.

For sodding
Using Table E measure the amount of **MOISTURE MIZER™** to be used. Mix measured amount of **MOISTUREMIZER™** with 2 - 5 times it amount of sharp sand (dry fertilizer can be added here if desired), and broadcast evenly to cover entire surface lightly. Though not absolutely necessary, it is helpful to work it into the surface slightly. Lay sod on this prepared surface and press down. Water for an hour by sprinkler.

For seeding
Using Table E measure the amount of **MOISTURE MIZER™** to be used. Mix measured amount

of **MOISTUREMIZER™** with 2 - 5 times its amount of sharp sand (dry fertilizer can be added here if desired), and broadcast evenly to cover entire surface lightly. To make sure **MOISTURE MIZER™** is deposited at root level, work it and sand into the soil (using a hoe, aeration sandals, etc.), to a depth of 1 /2" - 1". Broadcast grass seed and water as above.

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lawns

Table E

cubic measurements | **if your plant's water usage is...** | **recommended grain sizes**

cubic		w		l		d	low	med	high	G	F	S	M	L
1 square foot	x	1'	x	1'	x	1/2 to 1"	1/3 t	1/2 t	3/4 t					
100 square feet	x	10'	x	10'	x	1/2 - 1"	4 oz.	6 oz.	8 1/2 oz.					
1,000 square feet	x	100'	x	100'	x	1/2 to 1"	2 1/2 lb.	3 3/4 lb.	5 lb.					
1 acre	x	'	x	'	x	1/2 to 1"	60 lb.	90 lb.	120 lb.					

MOISTURE MIZER™ is available in the following grain sizes:

Green: a blend of grain sizes and tinted green, which is usually the most suitable for the home gardening retail customer

Fine: (<1mm) primarily used for bare root dipping

Small: (1mm) used for fine potting soils, containers, hydroseeding, and gardens

Medium: (1 mm to 2 mm) used for trees, shrubs, containers, flower beds, hanging baskets, gardens

Large: (2mm to 4 mm) used for large containers, caliper trees 2 inches and greater, and large shrubs

Measurements and Equivalents
t = teaspoons, T = tablespoons,
c = cups, lbs = pounds

3 t	=	1 T	=							
6 t	=	2 T	=	1 oz						
12 t	=	4 T	=	2 oz	=	1/4 c				
18 t	=	8 T	=	4 oz	=	1/2 c	=	1/4 lbs		
		16 T	=	8 oz	=	1 c	=	1/2 lbs		
		32 T	=	16 oz	=	2 c	=	1 lbs		

Note: after watering, there will be a 10% - 20% increase in soil volume. Although it begins to swell immediately, it takes up to an hour or more to fully expand. Make allowances for this expansion so the soil won't over-flow the container.


Caution: extremely slippery when wet.
Treat spills as a potential hazard.
Clean immediately from walkways to prevent falls.

Wet Application

There are two methods for using **MOISTURE MIZER™** wet. One is used to treat existing plants which are not to be transplanted, and the other is for dipping bare root plants or sets.

In both cases, **MOISTURE MIZER™** is mixed with water to form a "slurry" (having a consistency similar to loose cream of wheat). If fertilizer has been dissolved in the water absorbed my **MOISTURE MIZER™**, it will be held encapsulated until plants need it. Allow slurry to stand for at least an hour before using. Leftover slurry can be kept in a sealed container indefinitely.

Moisture Mizer™ is Long - Lasting. Do Not Overuse! One Treatment lasts 3 to 4 years. Excess Use Can Render Soil Unworkable.

Slurry. Use Table F.

1. Measure the volume.

	volume	If you are unsure measure the volume with a measure cup or gallon pitcher.

2. Using Table F measure the amount of MOISTURE MIZER™ to be used.

3. Mix amount of MOISTURE MIZER™ to be used.

4. Let stand for an hour and use (a) or (b) guidelines that follow:

(a) Existing Plantings:

5. With a sharp implement, (old screwdriver, metal rod, stick, etc.) being careful not to harm roots, make several holes in the soil around the plant to depth of root mass (out from the stalk or trunk for a distance equal to the depth of the roots).

6. Enlarge the holes to a diameter of about 1".

7. Evenly divide the slurry among the number of holes.

8. Pour slurry nearly to the top of each hole.

9. Cover holes with dirt.

10. Water two times over a period of an hour or leave a slow - drip hose at the base of the plant for about an hour.

(b) Dipping Bare - Root Stock:

5. After soil is prepared, just prior to planting, dip bare roots in slurry and plant immediately.

6. Fill hole half full of dirt, then fill with water.

7. Fill hole with remainder of dirt, and water for 1 hour with slow- drip hose or irrigation system, if possible. Otherwise, water in 30 minutes, again in an hour.

slurry, bare root dipping,

Table F

cubic measurements					if your plant's water usage is...			recommended grain sizes				
					low	med	high	G	F	S	M	L
 c		 q		 g								
1	x	1/4	x		N/A	N/A	1/4 t	•				
4	x	1	x	1/4	N/A	N/A	1 t	•				
8	x	2	x	1	N/A	N/A	1 T	•				

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Methods

Listed below are among the most popular methods of applying super absorbants.

Amending media:

Media for bedding flats, potted plants, and other applications can be treated with **MOISTURE MIZER™**. Mixing is easier with dry mixes.

Gel seeding:

MOISTURE MIZER™ can be mixed with water and pre-germinated seeds for gel seeding applications. Special machines plant the pre **-** germinated seeds which are suspended in the gel mixture. The gel protects the seed providing a source of moisture for the emerging plant.

Hydro-mulching:

Hydro-mulching (or hydraulic mulch seeding, hydraseeding) utilizes a slurry (a mixture of of seed, mulch, fertilizer, tackifying agents, green dye and other additives) to treat large areas, maintain the moisture level of the seed and seedlings, promote quick germination and inhibit soil erosion. Among the many advantages as a water management tool to the nurser or landscaper, **MOISTURE MIZER™** is a "water management tools" improves fluid flow since the material acts as a lubricant and may be used as a chemical drip irrigation system providing plants with a supply of moisture which is available on demand over a prolonged period of time.

Broadcasting:

MOISTURE MIZER™ can be broadcast over an area prior to seeding to enhance moisture retention, promote emergence, and increase germination by providing the seed with a "moisture reservoir". **MOISTURE MIZER™** can be broadcast over soil prior to sodding to improve moisture retention, thereby minimizing shock and promoting the rapid establishment of a luxurious green cover.

Citrus applications:

In the citrus industry **MOISTURE MIZER™** is being used to treat resets, to increase survival and to reduce watering requirements. Each time it is necessary to water a citrus reset, it costs the grower about 40 cents. Because**MOISTURE MIZER™** allows the soil to hold more water, watering frequency can be reduced resulting in realized savings. Employing **MOISTURE MIZER™** also reduces transplant shock and minimizes reset loss.

Bare root dipping:

For long distance bare root shipping, the application of **MOISTURE MIZER™** gel to the roots of the seedlings and larger plants not only provides moisture, its use also reduces shipping weight and cost since peat, clay, mulch, or other moisture retaining materials are no longer required.