

STUNT MAN

LIQUID GROWTH RETARDANT FOR CONTROLLING GROWTH OF GRASS, T

ACTIVE INGREDIENT:

Diethanolamine salt of 6-Hydroxy-3- (2H)-
Pyridazione* 58%

INERT INGREDIENTS:

42%
TOTAL 100%

EPA REG. NO. 2749-98

NET CONTENTS _____

*Diethanolamine salt of Maleic Hydrazide. Equivalent to 30% Maleic Hydrazide. Product contains equivalent of 3 lbs. Maleic Hydrazide per gallon.

CAUTION: KEEP OUT OF THE REACH OF CHILDREN.

AVOID CONTACT WITH EYES, SKIN OR CLOTHING. AVOID INHALATION OF MIST. MAY BE HARMFUL IF SWALLOWED. DO NOT REUSE EMPTY CONTAINER. DESTROY EMPTY CONTAINER BY PERFORATING OR CRUSHING AND BURYING IN A SAFE PLACE.

AVOID DRIFT ONTO NEARBY CROPS.

SHAKE WELL BEFORE USING.

DIRECTIONS FOR USE:

For inhibition of growth of trees, shrubs and ivy. STUNT MAN will inhibit growth of various trees, shrubs and ivy. The plants should first be pruned into the desirable shape. After regrowth of 2-4 inches occurs, spray on the STUNT MAN. STUNT MAN can also be applied in spring as soon as new leaves have expanded.

The following tree species can be treated: sycamore, willow, alder, poplar, oak, mulberry, black walnut, maple, sweet gum, elm and tamarack.

The following shrubs can be treated: privet, pyracanth, myrtus, xylosmas, viburnum, eugenia, pittosporum, cissus, Hahns Ivy, Algerian ivy, honeysuckle, forsythia and ice plant.

DIRECTIONS FOR USE:

The spray solution should be sprayed on the upper half of the tree if top terminal growth is to be inhibited. If the side of a tree is to be inhibited, spray the half of

If STUNT MAN is not applied before the seed head is formed, the seed head will expand in spite of the presence of STUNT MAN. If this occurs, at least one week should then be allowed for the STUNT MAN to circulate throughout the plant. The area should then be mowed to no less than 4 inches in height. Inhibition of subsequent growth will then be observed.

If a neatly clipped appearance is required, the STUNT MAN application should be supplemented by mowing.

DIRECTIONS FOR USE: Apply STUNT MAN to green grass since brown grass will not absorb the spray. One application per year made either in the fall or the spring followed by correct maintenance procedures, will produce required turf growth control.

Spring application (about April 10 - June 1) - Use 1 1/3 gallons STUNT MAN in 50 gallons of water per acre to reduce or eliminate mowing.

The two week period in the spring when the grass has grown 2 - 4 inches is ideal for applying STUNT MAN. This is the period when forsythia and dandelion are in full bloom. The grass is in a vigorous growing condition and will absorb the chemical at the maximum rate. It will prevent seed head formation and inhibit growth of foliage. If spraying is delayed beyond this period, a mowing may be required to trim the area to improve appearance. Allow one week for translocation of the chemical before this mowing. Do not spray newly mowed area covered with debris - this will interfere with coverage and absorption, causing poor results.

Fall Application (about Oct. 1 - Nov. 15) - Use 1 1/3 gallons STUNT MAN in 50 gallons of water per acre to reduce growth next season. The fall treatment is applied to green grass before it becomes dormant. Since growth is inhibited the following spring, the area will "green up" about 2 weeks later than untreated grass. Apply STUNT MAN as close to the time the grass becomes dormant as possible but when it is still green. Do not spray when there is a cover of fallen leaves as this will interfere with coverage and absorption, causing poor results. STUNT MAN will control wild onion and garlic and biennial type weeds such as dandelion and pliantain when applied in the fall.

Do not apply during the summer (June 1 - Sept. 25) since most permanent grasses become partially dormant in summer. (The major reason for summer mowing is the presence of annual grasses and weeds which will have to be controlled with herbicides or mowing since they are not present when STUNT MAN is applied to the perennial grasses).

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DIRECTIONS FOR USE:

The spray solution should be sprayed on the upper half of the tree if top terminal growth is to be inhibited. If the side of a tree is to be inhibited, spray the half of the tree on the pruned side. For shrubs and ivy, spray all surfaces of the leaves and bark.

Add 1 1/3 gallons STUNT MAN to 100 gallons of water. Spray this concentration to wet all surfaces of leaves and bark to the point of drip (not run-off).

Compressed Air Shoulder Sprayer — Add 4 tablespoons STUNT MAN in one gallon of water and spray to wet all surfaces to the point of drip (not run-off).

Hose-on attachments can be used to spray trees and shrubs. Wet all surfaces of leaves and bark. Consult instructions on applicator for delivering the equivalent of 1 1/3 gallons STUNT MAN in 100 gallons of water (equals 4 tablespoons STUNT MAN in 1 gallon of water).

10X Concentrate Spray — Concentrate spray equipment can be used replacing 90% of the water normally used in dilute sprays. Consult us for specific instructions if you plan to use a concentrate spray.

(Note — Under western dry conditions, add 1 quart Colloidal Products Corp. Multifilm X77 to each 100 gallons of spray dilution on trees and shrubs. For the 10X concentrate, add 2 quarts Multifilm X77 to 100 gallons of water. Addition of this material is not necessary in the rest of the country).

When to spray trees and shrubs — Best results are obtained when the spray is applied to vigorous new growth. For example:

1. In spring, just as the new leaves have expanded and new growth has started.
2. In summer, after pruning and new regrowth is 2 to 4 inches in length.

How STUNT MAN inhibits Grass Growth:

STUNT MAN is absorbed into the green grass blades and translocated by the plant fluids to the active growth areas of the plant where cell division is retarded.

STUNT MAN prevents seed head formation and slows down leaf growth. If an area is not mowed after STUNT MAN is applied, the turf will slowly grow to 6 or 12 inches in height by the end of the growing season as the effect of the STUNT MAN gradually wears off.

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Controlling Annual Blue Grass:

To reduce *Poa annua* (annual blue grass) in golf course fairways, first mow area twice in normal sequence, usually 5 to 8 days apart. When third mowing is needed, before the first *Poa annua* seed heads appear, spray 1 quart of STUNT MAN in 30 to 40 gallons of water per acre. (If over 40 gallons of water are used per acre, the effectiveness may be reduced). The effect of treatment should be evident in 8 to 10 days.

This treatment of STUNT MAN eliminates or greatly reduces reseeding of *Poa annua* with little retarding of grass growth.

Overseeding Ryegrass in Bermuda grass:

Excessive growth of Bermuda grass on golf greens is often a problem in the fall after verticutting, fertilization, overseeding and top dressing.

Apply STUNT MAN in late September or early October, to inhibit the growth of Bermuda grass and enable rye or other grasses to produce a good stand. Use 2/3 gallon of STUNT MAN in 50 gallons of water per acre. STUNT MAN should be applied with a calibrated boom.

The Bermuda grass must be in good condition.

Overseed no sooner than 48 hours after spraying.

To inhibit grass along edges of home lawns (See Note No. 3).

Apply the equivalent of 1 1/3 gallons STUNT MAN in 100 gallons of water per acre in spring (about April 10 to June 1) to a 6 inch band along sidewalks and edges of shrubs and trees.

For a compressed air shoulder sprayer, add 4 tablespoons STUNT MAN in 1 gallon of water and spray a 6 inch band 800 feet long.

Hose on attachments can be used for edging of lawns. Consult instructions on applicator for delivering the dosage recommended for edging.

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Manufactured For:

ACETO CHEMICAL CO., INC.
AGRICULTURAL CHEMICALS DIVISION

126-02 NORTHERN BOULEVARD, FLUSHING, N.Y. 11368

STUNT MAN

STUNT MAN PREPARATION FOR CONTROLLING GROWTH OF GRASS, TREES, SHRUBS AND IVY

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EQUIPMENT TO APPLY STUNT MAN:

It is essential that STUNT MAN be applied uniformly with the proper equipment.

Recommended Equipment:

A. Trucks in all cases should be equipped with a special speedometer or tachometer reading from 0-15 miles per hour. Truck speedometers are generally inaccurate at this low speed.

A centrifugal pump with a capacity of 100 gallons per minute and 50 pounds nozzle pressure plus off-center nozzles are recommended for applying STUNT MAN. A series of nozzles activated by valves controlled within the cab permits application at 10-15 miles per hour covering all types of terrain found along highways. The off-center nozzle will cover up to 30 feet from the road on calm days.

B. Booms

1. The Burg-Bean boom gives excellent coverage when properly calibrated and operated. Smaller amount of water (30-50 gallons per acre) may be used when applying STUNT MAN with booms.

2. Small booms mounted on tractors or jeeps are satisfactory when properly nozzled, calibrated and operated. Booms are advised only when there are few or no obstructions.

C. Air Carry Method (Modified Air Blast Sprayer)

This is the newest method for applying STUNT MAN. Large, low-pressure droplets ride the air stream and deposit STUNT MAN on the difficult-to-mow areas. It is the only equipment that will economically and satisfactorily apply STUNT MAN over wide areas (up to 90 feet). It will easily cover all types of terrain on shoulders and medians.

Use of 2,4-D:

2,4-D may be used with STUNT MAN when control of broadleaf weeds is desired in turf. A low volatile ester or amine salt formulation is compatible with STUNT MAN.

In some areas, weeds may emerge after STUNT MAN is applied. A second application of 2,4-D would be necessary to control these weeds.

Effect of Rain on treatment:

STUNT MAN should be applied during a period when rain is not expected for 12 hours after treatment. Since STUNT MAN is water-soluble, rain will wash the chemical off the blade before absorption occurs. Once STUNT MAN is absorbed, rain has no effect on performance.

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Where should STUNT MAN be used?:

STUNT MAN should be used on good turf, three or more years old, which needs frequent mowing, and areas difficult to mow.

STUNT MAN will improve the safety of mowing by reducing the need for frequent mowing of cuts and fills where a seasonal growth up to 6-11 inches can be tolerated.

Conditions affecting absorption of STUNT MAN by grass:

It has been found that a greater amount of STUNT MAN will enter the leaf in the shortest time and give the best results when the plants are growing rapidly in moist soil. STUNT MAN is not absorbed well when:

1. Leaves are wilted and,
2. During periods of extended drought when the soil is dry.

NOTES:

1. Do not pasture livestock in, or cut hay from, treated areas.
2. STUNT MAN can be used along highways, airports, military installations, roughs of golf courses and similar areas. Do not use on lawns except along edges. Do not use on pastures.
3. At recommended application rates, STUNT MAN does not normally affect the color of grass. Under conditions of optimum absorption, color modification for a period of several weeks may be encountered. At times, treated grass may be a greener color than untreated grass.

It may also remain greener for a longer period under drought conditions. No adverse effects on color have been observed from fall application. Some delay in spring "green up" is normal.
4. Do not spray on trees when wind velocity exceeds 15 mph. Use 2,4-D only on grasses recommended by the manufacturer's label.
5. Follow manufacturer's label when handling or spraying 2,4-D to prevent drift.

Manufactured For:

ACETO CHEMICAL CO., INC.
AGRICULTURAL CHEMICALS DIVISION

126-02 NORTHERN BOULEVARD, FLUSHING, N.Y. 11368



John J. ...

2744-92

ACCEPTED WITH COMMENTS