

**Reduces impact of environmental stress** 

# **CHECKDOWN**

ANTI-TRANSPIRANT

# PRINCIPAL FUNCTIONING AGENTS:

All ingredients are exempt from tolerance requirements under 40 CFR 180.

# KEEP OUT OF REACH OF CHILDREN CAUTION

May be harmful if swallowed. May cause an allergic skin reaction. May be harmful if inhaled. Keep out of reach of children. Read label before use. Keep container tightly closed. Keep only in original container. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Personal Protective Equipment: Wear chemical-resistant eyewear and gloves, long-sleeve shirt and pants and shoes and socks.

## **FIRST AID**

Call a poison control center or doctor immediately for treatment advice. Have the product container with you when calling a poison control center or doctor, or going for treatment.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing. H

IF ON SKIN OR CLOTHING: Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes.

IF SWALLOWED: Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

NET CONTENTS: 2.5 U.S. Gallons (9.46 L)

#### GENERAL INFORMATION

CHECKDOWN™ is a quality anti-transpirant designed to minimize the stresses plants endure in adverse growing conditions or during transplanting. Forming a sticky, elastic film that coats the plant surfaces, an application of CHECKDOWN™ will remain on the plant for an extended period of time, resisting wash off, weather conditions and plant movement. This pliable film does not impede plant growth while providing a barrier against the natural moisture loss that occurs during transpiration. Use CHECKDOWN™ to reduce the effects of water deficits in plants whenever their root systems are deprived of normal moisture intake. Ideal For:

- New seedlings or plants developing new root systems after transplanting
- · Plants with roots in dry or frozen soils
- Protection against seasonal extremes such as hot or cold and dry winds and frosts
- Slowing the drying process of cut plants and trees, such as bouquets and Christmas décor.

#### STORAGE AND DISPOSAL

Storage: Store in a cool well-ventilated place. To avoid product degradation and equipment corrosion, do not use iron, copper or aluminum containers or equipment. Material is hygroscopic and should not be exposed to moisture in order to maintain product integrity. Keep in original container tightly closed. Do not ruse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

Disposal: Do not reuse empty container. Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal if allowed by law. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at www.acrecycle.org. Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and requiations.

Shake well before using. If product freezes, allow to thaw, then shake well.

### DIRECTIONS FOR USE

Do not use **CHECKDOWN** in a spray tank solution that contains any pesticides, adjuvants or other tank additives. Spray equipment should be cleaned thoroughly with warm water and detergent immediately after use. **CHECKDOWN** only protects the plant tissues that are covered, so take care to ensure coverage of all surfaces and be aware that new growth will not be protected. Depending on UV exposure and intensity, the biodegradable film will break down within 60-90 days.

Spray Applications: Mix CHECKDOWN™ thoroughly with water at the dilution rates recommended below and spray directly onto plants. A minimum of one hour of UV exposure is needed after application to allow the film to set.

<b>Protection Against</b>	<b>Solution Dilution</b>	Protects	Application Notes
Transplanting	1 - 2%	Turf & Ornamentals	Spray on plants, in seedling trays or planting bags 2-3 days prior to transplanting
Frost	0.5 - 1%	Turf & Ornamentals	Spray plants 2-3 days before a cold front arrives
Drought	2%	Turf & Ornamentals	Apply 50 gallons of solution to 0.5-1 acre. Repeat applications every 4-8 weeks
Winter Desiccation	5%	Evergreens	Single application in fall will be sufficient to (Broadleaf and needled) protect throughout the winter

To meet the recommended dilution rates, multiply the total volume of solution needed to cover all plant surfaces in the desired application area by the dilution rate to determine how much **CHECKDOWN™** should be added. For example: 50 gallons of solution multiplied by a 2% dilution rate would require 1 gallon of **CHECKDOWN™** (50 x 2% = 1).

Do not apply this product to arborvitae, cedar, chamaecyparis, cypress, dwarf conifers, juniper, sequoia or similar species.

Applications of CHECKDOWN™ may turn blue spruce green for the remainder of the current growing season. The following year's growth will return to its natural blue appearance.

CHECKDOWN will not protect evergreens in winter temperatures that drop under 20°F below zero, as the damage caused at this temperature is not from desiccation.

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