

United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number 243277
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Application for Pesticide - Section I

1. Company/Product Number 1812-357	2. EPA Product Manager Ms. Cynthia Giles-Parker	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Spin Out 300	PM# 22	
5. Name and Address of Applicant (Include ZIP Code) Griffin Corporation PO Box 1847 Valdosta, GA 31603 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
 Notification to revise label.

NOTIFICATION
OCT 24 1996

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product				<input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Tim McPherson	Title International Registration Specialist	Telephone No. (include Area Code) (912) 242-8635
2. Signature 		6. Date Application Received (Stamped)
3. Title International Registration Specialist		
4. Typed Name Tim McPherson	5. Date October 11, 1996	

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October 11, 1996

Spin Out® 300

g357a96b.lab

~~LIQUID FLOWABLE~~

~~ROOT CONTROL COATING FOR
CONTAINER GROWN PLANTS~~

Active Ingredient

Copper Hydroxide*	23%
Inert Ingredients	77%
TOTAL	100%

(*Metallic Copper Equivalent 15%)

NOTIFICATION
007 2-4-1996

PROTECT FROM FREEZING

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with a steady, gentle stream of water for 15 minutes. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or, if these are not available, drink large quantities of water. Avoid alcohol.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

See side panel for additional precautionary statements. **Label for Additional Precautions and Directions for Use.**

Griffin Corporation
Valdosta, GA 31601

EPA Reg. No. 1812-357
EPA Est. No. 1812-GA-3

NET CONTENTS _____ gallons

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)
DANGER**

Corrosive. Causes irreversible eye damage. Do not get in eyes or clothing. Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin. Avoid breathing spray mist or vapors. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Coveralls worn over a long-sleeved shirt and long pants
- Socks
- Chemical resistant footwear
- Waterproof gloves
- Respiratory protection device
- Protective eyewear

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to fish and aquatic organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Do not apply this product through any type of irrigation system.

4710

AGRICULTURAL USE REQUIREMENTS

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE). There is no Restricted Reentry Interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry place. Store above 32°F and protect from freezing.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

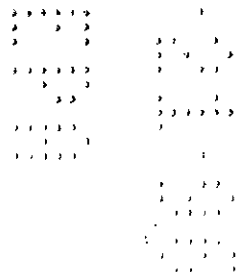
CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GENERAL INFORMATION

Spin Out 300 is a plant growth regulator for use on plastic or cellulose nursery containers and treated sheets for use as inserts. Spin Out 300 acts as a root pruning agent to control root spiraling and promote the development of a fibrous root system. Spin Out 300 can be used on container-grown woody ornamental and herbaceous plant species and non-bearing fruit and nut crops. Use Spin Out 300 at any stage of plant development from seedlings to large container-grown trees. Do not apply Spin Out 300 directly on plants or soil.

Do not apply Spin Out 300 when the temperature is below 50° F. Apply in a well ventilated area.

NOTE: Some containers, particularly bedding plant containers, may be treated with a slipping agent for easy unstacking. Slipping agents usually appear waxy and can prevent the adhesion of Spin Out 300. We do not recommend the application of Spin Out 300 under these conditions.



APPLICATION DIRECTIONS

CONTAINERS

SPRAY: Nursery containers should be clean and dry before applying Spin Out 300. Used containers should be free of any loose soil. Stir Spin Out 300 well before use and **DO NOT DILUTE**. Apply Spin Out 300 to the inner surfaces of plastic or cellulose containers using conventional spray paint equipment. Spray equipment can be cleaned with warm soapy water or any household cleaning product. Refer to the sprayer equipment owner's manual for specific instructions on equipment clean up. Follow all directions and precautions for the specific applicator being used.

Allow Spin Out 300 to dry on containers for 30-60 minutes under good drying conditions before stacking or filling with soil. Spin Out 300 is thoroughly dry when it changes from dark to a light gray color. When restacking, do not push containers tightly together to prevent scratching the Spin Out 300 coating. Treated containers can be stored for up to 1 year before use.

INSERTS

Stir Spin Out 300 well before use and **DO NOT DILUTE**. Inserts made of paper, cardboard, plastic, foil, non-woven fabric or other suitable material, that has been evenly sprayed or coated with Spin Out 300, on one or both sides, can be placed in a container to cover the inner surface. Insert material may coated with Spin Out 300 by any appropriate industrial coating machinery, such as roll coating, printing press, doctors blade, or other equipment that will provide an even coating on the material. Inserts must cover the inner surface without tears holes or gaps in coverage and should be trimmed around the top of the pot with scissors, if needed. Dispose of trimmings in a sanitary landfill, or by burning, or if allowed by state and local authorities, wrap trimmings in newspaper and place in trash collection. If burned, stay out of smoke.

PLANT RESPONSE

Spin Out 300 has been extensively researched; however, testing has not been conducted on all species or cultivars, or under all growing conditions. In some instances performance characteristics may vary. For a complete listing of tested plant species contact the Griffin Corporation Technical Services Group at (800) 237-1854.

~~The species listed below have been tested under actual growing conditions:~~

Scientific Name	Common Name
Abies amabilis	Pacific silver fir
Acer palmatum	Japanese Maple
Acer platanoides	Norway maple
Acer rubrum	Red Maple

<i>Acer saccharinum</i>	Silver maple
<i>Acorus gramineus</i>	Sweet flag
<i>Acer saccharum</i>	Sugar maple
<i>Ageratum</i> sp.	Floss flower
<i>Amelanchier canadensis</i>	Shadblow
<i>Arenia arbutifolia</i>	Chokeberry
<i>Artemisia ludoviciana</i>	Dusty miller
<i>Astilbe x arendsii</i>	False spirea
<i>Begonia</i> sp.	Begonia
<i>Berberis thunbergii</i>	Barberry
<i>Betula nigra</i>	River birch
<i>Browallia</i>	Sapphire flower
<i>Buxua microphylla koreana</i>	Korean boxwood
<i>Buxus microphylla</i> var. <i>japonica</i>	Japanese boxwood
<i>Buxus sempervirens</i>	Boxwood
<i>Calluna vulgaris</i>	Heather
<i>Campanula carpatica</i>	Bellflower
<i>Carex morrowi</i> variegata	Sedge
<i>Carya illinoensis</i>	Pecan
<i>Geratostigma plumbaginoides</i>	Blue ceratostigma
<i>Cercis canadensis</i>	Red bud
<i>Chionanthus retusus</i>	Chinese fringe tree
<i>Chlorophytum comosum</i>	Spider plant
<i>Citrus</i> sp.	Citrus
<i>Clematis</i> sp.	Clematis
<i>Coleus x hybridus</i>	Coleus
<i>Cereopsis verticillata</i>	Threadleaf coreopsis
<i>Cornus florida</i>	Flowering dogwood
<i>Cornus kousa</i>	Chinese dogwood
<i>Cortaderia selloana</i>	Pampas grass
<i>Cotoneaster apiculata</i>	Willowleaf cotoneaster
<i>Cotoneaster divaricatus</i>	Spreading cotoneaster
<i>Cotoneaster salicifolius</i>	Willowleaf cotoneaster
<i>Cupressocyparis leylandii</i>	Leyland Cypress
<i>Dendranthema hybrids</i>	Mums
<i>Dianthus barbatus</i>	Sweet William
<i>Dieffenbachia</i> sp.	Dumb cane
<i>Diospyros virginiana</i>	Common persimmon
<i>Euonymus alatus</i>	Winged euonymus
<i>Euonymus fortunei</i>	Wintercreeper euonymus
<i>Festuca cinerea</i>	Ornamental fescue
<i>Forsythia intermedia</i>	Forsythia
<i>Fothergilla gardenii</i>	Fothergilla
<i>Fraxinus americana</i>	White ash

Fraxinus pennsylvanica	Green ash
Fuchsia hybrids	Fuchsia
Ginkgo biloba	Ginkgo
Gleditsia triacanthos var. inermis	Shademaster honeylocust
Gypsophila paniculata	Baby's breath
Hamamelis intermedia	Witch hazel
Hemerocallis hybrids	Daylily
Heuchera hybrids	Coral bells
Hosta lancifolia	Variegated hosta
Hydrangea paniculata	Panicle hydrangea
Hypericum patulum	St. Johnswort
Iberis sempervirens	Candytuff
Ilex cassine	Dahoon holly
Ilex galbra	Compact inkberry
Ilex hybrids	'Savannah' & 'East Palatka'
Impatiens hybrids	Sultana
Juniperus horizontalis cultivars	Creeping juniper
Juglans nigra	Black walnut
Juniperus chinensis	Sargent's juniper
Juniperus sabina	Savin juniper
Juniperus virginiana	Eastern red cedar
Kerria japonica	Japanese kerria
Koeleria glauca	Crested hair grass
Lagerstroemia indica	Grape myrtle
Leucothoe axillaris	Fetterbush
Liatris spicata	Gay feather
Ligustrum japonicum	Japanese privet
Lilium sp.	Lily
Liquidambar styracifolia	American sweetgum
Liriope muscari	Monkey grass
Liriope spicata	Creeping lily turf
Lonicera japonica	Japanese honeysuckle
Lythrum sp.	Purple Loosestrife
Magnolia grandiflora	Southern magnolia
Magnolia liliiflora	Star Magnolia
Malus floribunda	Showy crabapple
Myrica pennsylvanica	Bayberry
Nandina domestica	Heavenly bamboo
Nyssa sylvatica	Black tupelo
Ophiopogon japonicus	Mondograss
Paeonis japonica	Peony
Parkinsonia aculeata	Jerusalem thorn
Pelargonium x domesticum	Geranium
Pennisetum alopecuroides	Fountain grass

Petunia hybrida	Petunia hybrids
Phlox sp.	Phlox hybrids
Photinia x fraseri	Red tip photinia
Photinea serrulata	Chinese photinia
Picea glauca	White spruce
Picea sitchensis	Sitka spruce
Pieris japonica	Lilly of the valley bush
Pinus contorta	Lodgepole pine
Pinus echinata	Shortleaf pine
Pinus elliotti	Slash pine
Pinus monticola	Western white pine
Pinus palustris	Longleaf pine
Pinus ponderosa	Ponderosa pine
Pinus strobus	Eastern white pine
Pinus taeda	Loblolly pine
Pinus thunbergiana	Japanese black pine
Potentilla fructosa	Shrubby cinquefoil
Prunus cistena	Purple leaf sand cherry
Prunus laurocerasus	Cherry laurel
Prunus serrulata	Japanese flowering cherry
Prunus subhirtella	Higan cherry
Pseudotsuga menziesii var. glauca	Douglas fir
Pyraecantha angustifolia	Firethorn
Pyrus calleryana	Bradford pear
Quereus acutissima	Sawtooth oak
Quereus alba	White oak
Quereus falcata	Southern red oak
Quereus laurifolia	Laurel oak
Quereus palustris	Pin oak
Quereus prinus	Chestnut oak
Quereus shumardii	Shumard oak
Quereus virginiana	Live oak
Quereua rubra	Northern red oak
Rhamnus frangula	Tall hedge alder buckthorn
Rhododendron catawbiense	Catawba rhododendron
Rhododendron sp.	Azalea hybrids
Rhus aromatica	Sumac
Rosa hybrids	Rose
Salix babylonica	Weeping willow
Salix melanostachys	Willow
Spiraea japonica	Spiraea
Spiraea nipponica	Snowmound spiraea
Spiraea x bumalda	'Limemaid' spiraea
Swietenia mahagomi	West Indies mahogany

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Syringa vulgaris	Lilae
Tabebuia impetiginosa	Pink trumpet tree
Tagetes sp.	Marigold hybrids
Taxodium distichum	Bald cypress
Taxus x media	Anglojap yew
Thuja occidentalis	American arborvitae
Thuja plicata	Western red cedar
Trachycarpus fortunei	Windmill palm
Tsuga heterophylla	Western hemlock
Ulmus parvifolia	Chinese elm
Viburnum dentatum	Arrowwood viburnum
Viburnum lantana	Wayfaringtree viburnum
Viburnum macrocephalum	Chinese snowball
Viburnum opulus	European cranberry bush
Viburnum plicatum	Doublefile viburnum
	var. tomentosum
Viburnum trilobum	Compact cranberrybush viburnum
Viburnum x judi	Judd viburnum
Viburnum x rhytidophylloides	Viburnum 'Willowwood'
Viola x wittrockiana	Pansy hybrids
Vitex agnus castus	Chaste tree
Weigela florida	Pink weigelia
Wisteria floribunda	Japanese Wisteria
Yucca filamentosa	Yucca

NOTICE OF WARRANTY STATEMENT

GRIFFIN warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of GRIFFIN. In no case shall GRIFFIN be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall not exceed the purchase price paid for this product or at Griffin Corporation's election, the replacement of this product. GRIFFIN MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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