

PM 25 524-370

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
234762

Application for Pesticide - Section I

1. Company/Product Number 524-370	2. EPA Product Manager Robert J. Taylor	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Jan/San™ Herbicide	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company 700 14th Street, N.W., Suite 1100 Washington, DC 20005 <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.

**NOTIFICATION**  
MAR 21 1996

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

Notification of label revisions and an additional brand name: Roundup® T/O Herbicide

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
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
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 Dr. Russell P. Schneider	Title Agricultural Regulation Director	Telephone No. (Include Area Code) (202) 783-2460
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Sheila A. Schuette</i>	3. Title Manager, Regulatory Affairs	
4. Typed Name Sheila A. Schuette, Ph.D.	5. Date <i>Feb. 21, 1996</i>	

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# Roundup® T/O

Herbicide by MONSANTO

Read the entire label before using this product. Use only according to label instructions. Read "LIMIT OF WARRANTY AND LIABILITY" before buying or using. If terms are not acceptable, return at once unopened.

REFORMULATION OR REPACKAGING IS PROHIBITED.

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

Keep out of reach of children.

### CAUTION!

HARMFUL IF SWALLOWED. MAY CAUSE EYE IRRITATION. Avoid contact with skin, eyes, or clothing.

**FIRST AID:** IF IN EYES, immediately flush with plenty of water. Call a physician if irritation persists. Remove product from skin or clothing. IF SWALLOWED, this product will cause gastrointestinal tract irritation. Immediately dilute by swallowing water or milk. Call a physician.

### Personal Protective Equipment

Applicators and other handlers must wear long-sleeved shirt and long pants, shoes plus socks.

Follow 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:

~~Users should w.~~ Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

In case of an ~~an~~ human health emergency involving this product, or for medical assistance, Call Collect, day or night, 1-(314) 694-4000.

### Environmental Hazards

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

### Physical or Chemical Hazards

~~Mix, store or apply this product ONLY in~~ Spray solutions of this product should be mixed, stored and applied using only stainless steel, aluminum, fiberglass, plastic or plastic-lined steel containers.

DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source.

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### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

KEEP PEOPLE OFF TREATED AREAS UNTIL SPRAY SOLUTION HAS DRIED.

### STORAGE AND DISPOSAL

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**STORAGE:** Store this product in its original container and in a secured storage area.

**DISPOSAL:** Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.

Emptied container retains vapor and product residue. Observe all labeled safeguards until container is destroyed.

Do not reuse container. Triple rinse container. Then puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

This product is a nonselective herbicide that is diluted and applied to the foliage of actively growing weeds as a spot or broadcast application. It is absorbed by the leaves and moves throughout the stem and roots to control the entire plant. Visible symptoms may require a week or more to appear, with burndown usually occurring in 2 to 4 weeks. Symptoms are a gradual wilting and yellowing of the sprayed plant followed by deterioration of both shoots and roots. This product has no herbicidal activity in the soil and will not wash or leach to affect nearby vegetation.

This product controls many weeds around buildings, vacant lots, storage and recreational areas, gravel or ground bark mulch, shade trees, ornamentals and shrubs; along fences, sidewalks, driveways and patios; and prior to planting turfgrasses or shrubs listed on the label.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns and grounds.

When used as a spot treatment in lawns, all vegetation contacted will be damaged.

THIS PRODUCT CAN INJURE OR DESTROY ALL VEGETATION CONTACTED. AVOID SPRAY DRIFT CONTACT WITH DESIRABLE LAWN GRASSES, FLOWERS, VEGETABLES, SHRUBS OR TREES. DO NOT CONTACT GREEN BARK OF TREES OR SHRUBS. IF DESIRABLE VEGETATION IS CONTACTED, WASH IMMEDIATELY WITH WATER.

**WEEDS CONTROLLED:** When applied as recommended under the conditions described, this product controls many common weeds including the following:

**ANNUALS:** Barnyardgrass, Bluegrass (annual), Chickweed, Crabgrass, Foxtail, Lambsquarters (common), Lettuce (prickly), Mustard (tansy), Pennycress (field), Pigweed (redroot, smooth), Ragweed (common), Ryegrass (annual), Sandbur (field), Shepherdspurse, Sowthistle.

**PERENNIALS:** Bahiagrass, Bermudagrass, Bindweed (field), Bluegrass (Kentucky), Fescue (tall), Johnsongrass, Nutsedge (purple, yellow), Orchardgrass, Bromegrass (smooth), Clover (red, white).

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Clover (red, white), Dallisgrass, Dandelion, Fescue species, Quackgrass, Ryegrass (perennial), Thistle (Canada), Timothy, Vaseygrass.

BRUSH: Alder, Blackberry, Cherry, Dewberry, Elderberry, Honeysuckle, Kudzu, Oak, Poison Ivy, Poison Oak, Raspberry, Rose (multiflora), Sumac, Trumpetcreeper, Willow.

CLEANING EQUIPMENT: Triple-rinse spray tank and flush all sprayer components with water to remove residues of this product. After thorough cleaning, equipment may be used to apply other products.

LAWN RENOVATION: Best results are obtained when at least one mowing is skipped prior to treatment. This provides more leaf surface to intercept the spray. For areas where renovation and reseeding is desired, thorough spray coverage of all existing vegetation is necessary. Delay planting or sodding of treated areas for at least 7 days after application.

ORNAMENTALS: Any ornamental species may be planted in treated areas 7 days or more after application. Apply this product as recommended to control undesirable plants. To avoid injury on desirable plants, prevent spray or drift contact with foliage, stems or green bark. Do not spray into or over the top of, growing ornamentals.

MIXING AND SPRAYING: Do not apply this product through any type of irrigation system.

Hand-held Sprayers - Add 3 to 6 fluid ounces (6 to 12 tbsp.) of this product to 1 gallon of clean water. Use the higher recommended rate for control of listed perennials and brush. Use pump-up-type or hand-trigger-type sprayers. USE OF HOSE-END SPRAYERS OR SPRINKLER-TYPE DEVICES MAY RESULT IN POOR AND/OR ERRATIC RESULTS.

Ensure uniform and complete spray coverage, but do not spray plants to the point that the spray solution runs off. Use a coarse spray. Do not spray during windy conditions, as spray drift may cause damage to any vegetation contacted.

WHEN TO APPLY: Apply to vigorously growing plants. Apply to annual weeds any time after emergence. For best results, apply to perennial weeds after seedheads, flowers or berries appear. On woody brush or trees, apply after leaves have fully expanded. Applications made at less than the recommended stage of growth may result in reduced control. After mowing, clipping or tilling, allow weeds to regrow to the recommended growth stage before spraying this product.

Rainfall or watering within 6 hours after application can wash the product off plant foliage which may require retreatment. Delay mowing, clipping, tilling, planting or sodding of treated areas for at least 7 days after application. This allows time for this product to move within the plant for most effective results. SINCE THIS PRODUCT DOES NOT WORK IN SOIL, RETREATMENTS WILL BE NECESSARY TO CONTROL NEW WEEDS EMERGING FROM SEED.

One application will control most weeds listed. Symptoms on certain tough perennial weeds and woody brush and tree species may be slow to develop. If control is not achieved within 4 weeks, allow time for the sprayed weeds to regrow and make a repeat application. In some cases, control of woody brush and trees treated in the fall may not be fully apparent until the following season.

**LIMIT OF WARRANTY AND LIABILITY**

This Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use label-booklet ("Directions") when used in accordance with those Directions under the conditions described therein. NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

