

2/00-457

3-24-2003

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EPA United States Environmental Protection Agency Washington, DC 20460		<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
Application for Pesticide - Section I			
1. Company / Product Name 400-457		2. EPA Product Manager Mary Waller	
4. Company / Product (Name) Turfcide® 15G		3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted	
5. Name and Address of Applicant (Include ZIP Code) Crompton Corporation 74 Amity Road Bethany, Connecticut 06524-3402 <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 of label change relative to PR Notice 2001-6. This notification is consistent with the guidance in PR Notice 2001-6 and the requirements of EPA's regulations at 40 CFR 156.10 and 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the guidance of PR Notice 2001-6 and the requirements of 40 CFR 156.10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA. - updated household disposal instructions per PR Notice 2001-6			
Section - III			
1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No * Certification must be submitted	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Unit Packaging wgt	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Packaging wgt	Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <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		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 Other _____	
Section - IV			
1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Betsy K. Katzman		Title Registration Specialist	
		Telephone No. (Include Area Code) (203) 393-2163	
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 statements may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamp)
2. Signature <i>Betsy K. Katzman</i>		3. Title Manager U.S. Registration	
4. Typed Name Willard F. Cummings		5. Date March 12, 2003	

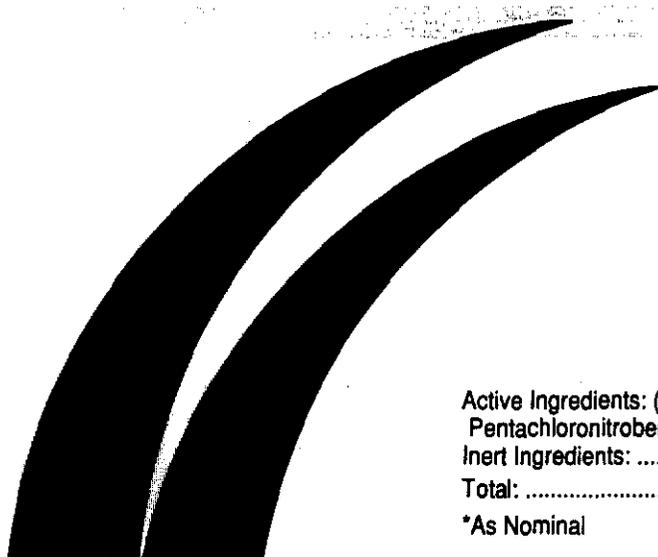
NOTIFICATION

MAR 24 2003

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Turfcide® 15G

TURF & ORNAMENTAL FUNGICIDE



NOTIFICATION

MAR 24 2003

Active Ingredients: (% by weight)
 Pentachloronitrobenzene (PCNB) 15%*
 Inert Ingredients: 85%
 Total: 100%

*As Nominal

Net contents:

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID

- | | |
|----------------------------------|--|
| IF IN EYES | <ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice. |
| IF ON SKIN OR ON CLOTHING | <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice. |
| IF SWALLOWED | <ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person. |
| IF INHALED: | <ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice. |

EMERGENCY ASSISTANCE: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

CROMPTON EMERGENCY PHONE	800-292-5898
SAFETY DATA AND INFORMATION	203-573-3303
TRANSPORTATION EMERGENCY (CHEMTREC)	800-424-9300

Crompton
Uniroyal Chemical

Crompton Manufacturing
Company, Inc.
Middlebury, CT 06749

EPA REG. NO. 400-457
EPA EST. NO.
005CM/031203

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www.cromptoncorp.com

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and Other Handlers (other than mixers and loaders) Must Wear: A long-sleeved shirt & long pants; and shoes plus socks.
Mixers and Loaders Must Wear: A long-sleeved shirt & long pants; waterproof gloves; and shoes plus socks.

Follow manufacturer's instructions for cleaning and 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. Cover, collect, or incorporate spilled granules. 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 plant root crops in PCNB treated fields within 12 months of broadcast or banding applications unless PCNB is registered for use on those crops.

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.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 170. This Standard contains requirements for the 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), and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls; waterproof gloves; shoes plus socks

GENERAL INFORMATION

TURFCIDE 15G is a preventative fungicide recommended for control of certain soil borne diseases of turf and certain ornamental crops. Best results are achieved when used in a preventative program following recommended rates and application directions. Carefully read, understand and follow label directions.

LAWNS AND TURF

TURFCIDE 15G is a fungicide for the prevention and control of certain soil borne diseases on golf courses, sod farms, home lawns and institutional areas where turf is grown.

Best results are obtained when TURFCIDE 15G is used as a preventative application before diseases appear, however, if you do not apply as a preventative treatment, TURFCIDE 15G should be applied at first sign of disease.

Areas treated with TURFCIDE 15G should be watered following application to move material down to the soil level. If treated area is subjected to flooding or unusually heavy rainfall, or if disease is severe or reappears, the area should be treated again. Refer to the USE AND RATE RECOMMENDATIONS for retreatment intervals.

Do not graze treated areas or feed clippings to livestock.

Under certain growing conditions, a temporary discoloration of the grass may occur. This causes no harm and will disappear in a short time.

SUGGESTED SPREADER SETTINGS

RATE/1000 SQ. FT.

SPREADER MAKE	2 lbs.	3.3 lbs.	5 lbs.
CYCLONE	3½	4½	6
SCOTTS (DROP)	5¼	6½	7¾
SCOTTS (ROTARY)	-	D½	F
LELY	-	4½	5¼
SEARS	6¼	6¾	7½
SPYKER	2.8	3.2	3.6
JOHN DEERE	2.8	3.2	3.6
LESCO ROTARY	C	E	G
EARTHWAY ROTARY	8	10	11.5

These settings apply to 20/40 mesh granular carriers. The spreader settings listed above are approximate. Age and condition of spreader as well as operator speed can cause wide variation.

Be sure to calibrate your spreader with each application: Weigh a few pounds into your spreader and apply to measured area. Then adjust spreader setting, if necessary, in order to assure correct rate of application.

USE AND RATE RECOMMENDATIONS FOR TURF

DISEASE	TURF TYPE	POUNDS PER 1000 SQ. FT.	APPLICATION NOTES
Brown Patch (<i>Rhizoctonia solani</i>)	Warm climate grasses such as: St. Augustine Bermuda	5	Apply one application in the spring or at first indication of disease. If disease is severe or reappears, retreat 3 to 4 weeks later.
	Dichondra	5	Treat as above.
	Cool climate grasses such as: Bluegrass Ryegrass Fescue Bent	1½ to 2	Apply at first sign of disease. Repeat every 7 to 10 days during warm, damp weather. For control of existing infections, apply at higher rates as soon as symptoms appear.
Leaf Spot/Melting Out (<i>Drechslera spp.</i> , <i>Biopolaris spp.</i> , <i>Exserohilum spp.</i>)	All	3½ to 5	Preventative applications should be in spring or fall of each year. For control of existing infections, apply at higher rate as soon as symptoms appear.
Dollar Spot* (<i>Sclerotinia homeocarpa</i>)			If disease is severe or reappears, area should be retreated 3 to 4 weeks later.
Gray Snow Mold (<i>Typhula spp.</i>)	Cool climate grass	3½ to 6½	Make one application of 3½ to 6½ lbs. per 1000 sq. ft. prior to first snowfall or when temperatures remain below 60°F and extended wet conditions are expected.
Pink Snow Mold (<i>Microdochium nivale</i>)		2 to 3½	In the absence of snow cover, applications of 2 - 3½ lbs. can be applied at 4 to 6 week intervals to maintain control when disease pressure is severe. *NOTE: TURFCIDE must be moved into the soil/thatch layer to be effective. Applications must be followed by 0.25 to 0.5" of rainfall or irrigation prior to snow cover to insure optimum results.

*Use not registered by California Department of Pesticide Registration

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ORNAMENTALS

DISEASES CONTROLLED

TURFCIDE 15G can be used as a soil treatment for protection against a variety of soil borne diseases in greenhouse, shadehouse, nursery, landscape and field grown ornamentals as well as in interiorscapes. It is important that TURFCIDE 15G be mixed in the soil for best results. See use and rate recommendations for specific plant and disease recommendations.

When a rate range is shown, the lower rate should be used on light or coarse textured soils or when disease pressure is expected to be low. The higher rates should be used on heavy or fine textured soils in fields with a history of disease problems, or when environmental conditions are expected to be unfavorable for rapid germination and growth of seedlings.

Common Name
 Damping, Off, Root/Stem Rot

 Crown Rot
 Bulb Dry Rot
 Black Rot/Stem Rot
 Bulb Rot/Stem Rot
 Neck Dry Rot

Causal Agent
Rhizoctonia solani
Pellicularia filamentosa
Pellicularia rolfsii
Sclerotinia gladioli
Sclerotinia sclerotiorum
Sclerotium rolfsii
Stromatinia gladioli

USE AND RATE RECOMMENDATIONS FOR ORNAMENTALS

CROP	DISEASE	POUNDS PER 1000 SQ. FT.	APPLICATION NOTES
Bedding Plants Flowering Plants Foliage Plants Woody Ornamentals such as, but not limited to: Poinsettia Pansy Petunia Impatiens Geranium Chrysanthemum Rose Azalea Rhododendron	Root/Stem Rot, Damping Off (<i>Rhizoctonia solani</i>) (<i>Pellicularia filamentosa</i>)	10	BROADCAST: Spread evenly on the soil surface and thoroughly mix into the top 2 inches of soil. Apply to a well prepared seed bed.
	Stem Rot (<i>Sclerotinia sclerotiorum</i>)	15	BROADCAST: Apply one week prior to planting. Spread evenly on the soil surface and thoroughly mix into the soil to a depth of 4 inches.
	Root/Stem Rot, Damping Off (<i>Rhizoctonia solani</i>) (<i>Pellicularia filamentosa</i>) (<i>Sclerotinia sclerotiorum</i>)		GROWING MEDIA MIX: Mix 2/3 to 1 lb. per cubic yard of media. Ingredients should be free of large lumps and dry enough to prevent agglomeration. Blend thoroughly to insure uniform distribution throughout the mixture. Use the lower rate for mixtures used at the time of seeding or transplanting of young seedlings or plugs. Use the higher rate for older plants or nursery stock.
Bulb Crops such as, but not limited to: Gladiolus Hyacinths Iris Lilies (Asiatic) (Easter) (Oriental) Narcissus Tulips	Crown Rot (<i>Pellicularia rolfsii</i>) Black Rot (<i>Sclerotinia sclerotiorum</i>) Root Rot (<i>Rhizoctonia solani</i>)	15 to 30	BROADCAST: Spread evenly on the soil surface and thoroughly mix into the upper 6 to 7 inches of soil by double discing or rotovating. Use lower rate for coarse textured (light) soils and higher rate for fine textured (heavy) soil. Use higher rate for Black Rot control.
	Bulb Rot/Stem Rot (<i>Sclerotium rolfsii</i>)	15 to 30	BROADCAST: Apply evenly to the soil surface and thoroughly mix into the top 2 to 3 inches of soil by discing or roto-tilling.
	Neck Rot (<i>Stromatinia gladioli</i>) Dry Bulb Rot (<i>Sclerotinia gladioli</i>)	10 to 15	BROADCAST: Apply evenly at planting time to the soil surface and thoroughly mix into the upper 4 to 6 inches by double discing or rotovating. Bulbs may be planted immediately.
Vegetable Bedding Plants: Limited to only container grown- Broccoli Brussel Sprouts Cabbage Cauliflower Peppers Tomatoes	Root/Stem Rot, Damping Off (<i>Rhizoctonia solani</i>) (<i>Pellicularia filamentosa</i>)		GROWING MEDIA MIX: Mix 2/3 to 1 lb. per cubic yard of media. Ingredients should be free of large lumps and dry enough to prevent agglomeration. Blend thoroughly to insure uniform distribution throughout the mixture. Use the lower rate for mixtures used at time of seeding or transplanting of young seedlings or plugs. Use the higher rate for older plants.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170), WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Rentry Statement:

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treated areas until dust has settled.

HOME LAWNS AND GARDENS

TURFCIDE 15G can be applied to the soil to protect lawns, ornamentals and certain vegetables from a variety of soil borne diseases.

LAWNS

For the prevention of Brown Patch (*Rhizoctonia solani*) apply TURFCIDE 15G at a rate of 5 lbs. per 1000 sq. ft. of turf prior to or at first sign of disease. Brown Patch can persist in the soil and usually begins in the same areas from year to year, looking like dinner plate sized areas of yellowing grass. If disease is severe or reappears, retreat 3 to 4 weeks later.

SUGGESTED SPREADER SETTINGS

SPREADER MAKE	EFFECTIVE WIDTH (FT.)	SETTING
CYCLONE B1 / B55	5	4.5
ORTHO 5000 Drop	1.5	8
ORTHO 6000	5	8
SCOTTS ER-2	3.5	21.5
SCOTTS PF3 Drop	1.75	8
SEARS 1000, 1100-671.1987	5	3.5

The spreader settings listed above are approximate. Accurately weigh a few pounds into your spreader and apply to measured area. Then adjust spreader setting, if necessary, in order to assure correct rate of application.

ORNAMENTAL PLANTINGS

TURFCIDE 15G is very effective for the prevention of root rot, stem rot, bulb rots and damping off caused by *Rhizoctonia solani*, *Sclerotinia sclerotiorum*, *Pellicularia filamentosa* and *Sclerotium rolfsii*. It can be used on a wide variety of flowering plants, foliage plants, trees and shrubs such as, but not limited to begonia, pansy, impatiens, marigold, petunia, snapdragon, bluebonnet, chrysanthemum, ficus, schefflera, pothos, spathiphyllum, azalea, camellia, gardenia, rhododendron, zenizo and Chinese pistache.

As a broadcast application prior to planting, apply at a rate of 1 1/2 lbs. per 100 sq. ft., and mix thoroughly into the top 4 inches of soil. For bulb plantings, use 2 lbs. per 100 sq. ft. and incorporate to a depth of 6 inches. As a soil mixture for use in containers or transplant fillings, apply at a rate of 2/3 lb. per cu. yd. of media (1/2 oz. or 2/3 tablespoon per 5 gal. container) and blend thoroughly to insure uniform distribution throughout the mixture.

As a top dressing in containerized plants, apply 1/2 tsp. per 6" pot, or 1 1/2 tsps. per 12" pot, and lightly scratch into the soil surface. Water thoroughly to move the material into the soil. Do not make more than one application every 4 months.

For control of azalea petal blight and camellia flower blight in established plantings: Apply as a broadcast at the rate of 2/3 lb. per 15 sq. ft. to the ground under and around the bushes. Water thoroughly after application to move the material into the soil. Application should be made prior to opening of buds and can be repeated at 4 week intervals throughout the bloom period.

VEGETABLE PLANTINGS

TURFCIDE 15G can be used for control of root rot and stem rot (*Rhizoctonia solani*), southern blight (*Sclerotium rolfsii*) and clubroot (*Plasmodiphora brassicae*) on certain vegetable crops.

For root rot / stem rots on tomatoes, peppers, beans, broccoli, Brussels sprouts, cabbage and cauliflower: Apply at a rate of 1 oz. (2 1/2 tbs.) per 100 feet of row, directing the material into the planting row and covering the soil at planting time.

For southern blight control on tomatoes and peppers: Apply at a rate of 5 1/2 ozs. (3/4 cup) per 100 feet of row, directing the material into the planting row and covering the soil at planting time.

For clubroot control on broccoli, Brussels sprouts, cabbage and cauliflower: Apply at a rate of 7 ozs. (1 cup) per 100 sq. feet, broadcast over the soil surface and thoroughly incorporated to a depth of 4 to 6 inches prior to planting.

PLANT TOLERANCE:

Neither the manufacturer nor the seller has determined whether or not TURFCIDE 15G can be used safely on plants not specified on this label. Prior to any large scale application on such plants, the user should determine the safety of TURFCIDE 15G fungicide by testing a small number of the type of plants to be treated. The user assumes all risks arising out of application to unlabeled plants.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in a dry location.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

HOUSEHOLD:

If empty: Do not reuse this container. Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

IMPORTANT NOTICE — Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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Uniroyal Chemical

March 12, 2003

Document Processing Desk (AMEND)
Office of Pesticide Programs (7504C)
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, Virginia 22202-4501

Attention: Ms. Mary Waller, PM 21
Registration Division (7505C)

Subject: **Turfcide® 15G**
EPA Reg. No. 400-457
Label Notification
- updated household disposal instructions per PR Notice 2001-6

Dear Ms. Waller:

Crompton Corp. is submitting a revised label for Turfcide 15G per PR Notice 2001-6. The household disposal instructions were updated to include the new guidance for disposal of empty and partly filled pesticide products.

This submission includes the following:

- 1) Application for Pesticide Label Amendment (form 8570-1).
- 2) One copy of the revised Turfcide 15G (400-457) label.
- 3) One copy of the revised Turfcide 15G label with changes highlighted.
- 4) One copy of the current Turfcide 15G label.

Should you have any questions regarding this submission, please call Betsy Katzman at (203) 393-2163.

Sincerely,

CROMPTON CORPORATION

Betsy K. Katzman for
Willard F. Cummings
U.S. Registration Manager
Crop Protection
Research & Development

EPA49/eh/K874

Crompton Corporation

74 Amity Road, Bethany, CT 06524-3402 (203) 393-2163 (203) 393-2290 fax