



COMPANY
NUMBER 34704

PRODUCT
SERIAL NO. 646

LABEL
APPROVAL
DATE 3-3-93



Reg # 34704-646 PM-22

Platte Chemical Co.

419 18th Street (80631-5852)

P.O. Box 667

Greeley, CO 80632-0667

Ph. 303-356-4400

Fax 303-356-4416

134
P%

CERTIFICATION OF COMPLIANCE

I, being an authorized representative of Platte Chemical Co.,
certify that all containers of Unitox Liquid
_____, EPA Reg. No. 34704-646,

produced by:

October 23, 1993 (Products registered for use on sites other than residential or turf, including sod farms)

June 15, 1994 (Products registered for use only on residential or turf sites, excluding sod farms)

October 23, 1993 (Products registered for both types of uses of above)

will bear revised labeling in accordance with the revised labeling required for Task Force technical and manufacturing use products. I further certify that all containers of said product sold or distributed by Platte Chemical Co. by:

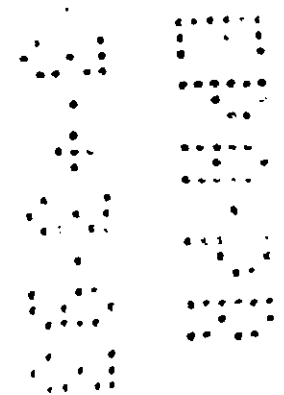
April 15, 1994 (Products registered for use on sites other than residential or turf, including sod farms)

January 1, 1995 (Products registered for use only on residential or turf sites, excluding sod farms)

April 15, 1994 (Products registered for both types of uses above)

will bear revised labeling in accordance with the revised labeling required for Task Force technical and manufacturing use products.

William M. Mahlburg 3/1/93
William M. Mahlburg Date
Registration Manager





UNITOX LIQUID

ACTIVE INGREDIENT:	BY WT.
Dimethylamine salt of 2,4-Dichlorophenoxyacetic acid . . .	70.93%*
INERT INGREDIENTS	29.07%
	TOTAL 100.00%

*Equivalent to 58.31% or 6 lbs. per gallon
2,4-Dichlorophenoxyacetic acid

Groundwater Contamination:
Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

KEEP OUT OF REACH OF CHILDREN WARNING AVISO

PRECAUCION AL USUARIO: Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
See below for Additional Precautionary Statements and Directions for Use.
EPA REG. NO. 34704-646
EPA EST. NO. 37507-MT-1
NET CONTENTS _____ GALLONS

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 through any type of irrigation system.
READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH CAUTIONS, WARNINGS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS. KEEP HERBICIDE IN ORIGINAL CONTAINER. DO NOT PUT CONCENTRATE OR DILUTE INTO FOOD OR DRINK CONTAINERS.

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 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 statements on this label about personal protective equipment, restricted-entry interval and notification to workers. For any requirements specific to your State, consult the agency in your State responsible for pesticide regulation.
Do not enter or allow worker entry into treated areas during the restricted-entry interval of 24 hours.
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, wear eye protection, chemical resistant gloves, long-sleeved shirt, long pants, socks and shoes.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

May be fatal if swallowed, inhaled or absorbed through skin. Symptoms of injury may be delayed. In case of skin contact, wash immediately with water; remove clothing and wash skin where necessary. For eyes, wash thoroughly with water and get medical attention.

When mixing, loading, or applying this product or repairing or cleaning equipment used with this product, wear eye protection (face shield or safety glasses), chemical-resistant gloves, long-sleeved shirt, long pants, socks and shoes. For aerial applicators in enclosed cockpits and applicators applying this product from a tractor that has a completely enclosed cab, eye protection is not required.

Wash hands, face and arms with soap and water as soon as possible after mixing, loading, or applying this product. Wash hands, face and arms with soap and water before eating, smoking, or drinking. Wash hands and arms before using toilet. After work, remove all clothing and shower using soap and water. Do not reuse clothing worn during the previous day's mixing and loading or application of this product without cleaning first. Clothing must be kept and washed separately from other household laundry. Remove saturated clothing as soon as possible and shower. Rinse gloves before removing.

For containers over 1 gallon and less than 5 gallons in capacity: Persons engaged in open pouring of this product must also wear coveralls or a chemical-resistant apron.

For containers of 5 gallons or more in capacity: A mechanical system (probe and pump) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are empty.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water except as specified on this label. Do not contaminate water when disposing of equipment washwaters.

Do not apply under condition involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.

Do not contaminate water used for irrigation or domestic purposes. Do not store near fertilizer, seed, insecticides or fungicides.

Thoroughly clean spray equipment with a suitable chemical cleaner before using for other purposes.

STORAGE AND DISPOSAL

PROHIBITIONS - Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Do not store under conditions which might adversely affect the container or its ability to function properly.

STORAGE - Do not store below temperature of 45°F. If frozen, warm to 90°F. and redissolve before using by rolling or shaking the container. Store in safe manner. Store in original container only. Store in cool, dry place. Keep container tightly closed when not in use. Reduce stacking height where local conditions can affect package strength. Personnel should use clothing and equipment consistent with good pesticide handling.

PESTICIDE DISPOSAL - Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law and may contaminate groundwater. 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 - Metal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE (continued)

This herbicide is recommended to kill broadleaf weeds in grassy areas such as lawns, fairways, parks, playgrounds, recreational areas, along

BEST AVAILABLE COPY

UNITOX LIQUID

EPA REG. NO. 34704-646

highways, railroad rights-of-way, airfields, pasture lands, sod farms, drainage ditch banks, around farm buildings and waste lands. This material is also recommended for control of floating weeds on ponds and lakes.

WEED CONTROL IN PONDS AND LAKES

The herbicidal action is quick with effects being visible in a few days. For instance, where a body of water is clogged with alligatorweed, 5 1/4 fluid ounces of this herbicide is used in 100 gallons of water and applied to an acre of surface, wetting the weed thoroughly. The weed will turn brown and begin to sink by the third week. It should be sprayed again to control the sprouts that have emerged from the nodes which exist between the stem and branches of the weed. These nodes are not connected to the vascular system of the plant and were not present at the original spraying. This application also controls waterhyacinths and waterlettuce. Ground spraying equipment is suggested. When aerial applications are made, they should be made with the approval of the local environmental agent. Coarse sprays are less likely to drift.

The dosage for floating weeds must not exceed 2.4 pounds of 2,4-D acid equivalent per acre.

Treatment of aquatic weeds can result in oxygen loss from decomposition of dead weeds. This loss can cause fish suffocation. Therefore, to minimize this hazard treat one-third to one-half of the water area in a single operation and wait at least 10 to 14 days between treatments. Begin treatment along the shore and proceed outwards in bands to allow fish to move into untreated areas. Consult your State Fish and Game Agency before applying this product to public waters.

SELECTIVE WEEDING IN CROPS

For control of broadleaved susceptible weeds in crops tolerant to 2,4-D, apply this herbicide in sufficient water to give uniform coverage of the weeds. Volume of water depends largely on type of spray equipment. Do not use on crops underseeded with legumes. In general, weeds are most easily killed when young and actively growing.

GRASSES: In established turf and lawns, use 1/2 to 2 pints of this product per acre - the light rate on more easily injured grasses. For small areas, use 1/4 to 1 fluid ounce (1/2 to 2 tablespoons) of this product per 1000 sq. ft.; mix in 3 to 5 gallons of water and apply uniformly over the area. Fall or spring is best time to treat. Repeated treatments may be needed for less susceptible weeds. Treatments will kill or injure legumes. White clover (including Ladino) may be injured by a light application, but recovers; repeated treatments will kill it. In some areas bent grasses, carpet, buffalo, St. Augustine and dichondra may be injured. Usually the colonial bents are more tolerant than the creeping types; and the velvet is most easily injured.

In grass seeds fields use 1 to 2 pints of this product per acre - the higher rate where weed stands are heavy and for hard-to-kill species. Make application in spring before head comes into boot.

Newly seeded turf should not be treated until after the second mowing and the lower dosage should be used. Do not graze dairy animals on treated areas within 7 days after application. Do not graze meat animals on treated areas within 5 days before slaughter. Do not cut treated grass for hay within 30 days after application.

TURF USE REQUIREMENTS

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried. The maximum number of broadcast applications per treatment site is 2 per year.

NOTE: For application to sod farms, follow AGRICULTURAL USE REQUIREMENTS on this label.

RANGELAND AND PASTURE USE REQUIREMENTS

Do not enter treatment areas until spray has dried or dust has settled. For early entry to treated areas, wear eye protection, chemical resistant gloves, long sleeved shirt, long pants, socks and shoes.

CORN AND SORGHUM: Use 1 pint of this product in 5 to 10 gallons of water to cover one acre when weeds are in active growth. Local climatic conditions determine when treatment should be made. Best results are usually obtained when plants are 4 to 10 inches tall. Do not cultivate soon after spraying while plants are brittle.

SUGARCANE: Use 2 pints of this product per acre as fall and spring drill (or band) sprays, and 2 1/2 pints of this product per acre as blanket spray immediately after layby, to aid in control of Johnsongrass seedlings and susceptible broadleaved weeds.

FALL-PLANTED WHEAT, OATS AND BARLEY: Use 1 to 1 1/2 pints of this product in 5 to 10 gallons of water to cover one acre. Apply in early spring when weeds are small and before the crop has reached the boot stage. Do not forage or graze treated grain fields within 2 weeks after treatment with 2,4-D.

SPRING-PLANTED WHEAT, OATS AND BARLEY: Use 1 pint of this product in 5 to 10 gallons of water to cover one acre. Apply after the fully tillered stage, except during the boot to dough stage. Oats are more sensitive to 2,4-D than other grains and should be sprayed in the spring when well established, tillered and before jointing.

Do not feed treated straw to livestock.

RICE: Use 2 pints of this product in 5 to 10 gallons of water to cover one acre when weeds are in active growth stage. Rice plants are sensitive to 2,4-D in early stages of growth and it is advisable to delay spraying until the second or third week after flooding. Water in the field should be shallow enough to permit direct application of the spray material to the weeds. Make all treatments well in advance of heading.

NONSELECTIVE WEED CONTROL AND PREVENTION OF SEED FORMATION

Where crops are not involved and for spot treatment, use 1 to 2 quarts of this product per acre in sufficient water to thoroughly wet weeds. Bindweed, whitetop, perennial sowthistle, blue lettuce, bur ragweed, Canada thistle and other noxious perennials somewhat resistant to 2,4-D will require repeated treatments to kill. Apply on vigorous spring growth to early bloom stage and on fall regrowth.

To control small areas of woody plants, such as willows, honeysuckle, Virginia creeper, alders, and others susceptible to 2,4-D, use 1 quart of this product in 100 gals. water; spray to thoroughly wet plants when in full leaf. Retreat as necessary for control of regrowth and seedlings. In general, it is better to cut tall woody growth and spray suckers when 2 to 4 ft. high.

NONCROP USE REQUIREMENTS

Do not enter treatment areas until spray has dried or dust has settled. For early entry to treated areas, wear eye protection, chemical resistant gloves, long sleeved shirt, long pants, socks and shoes.

THE FOLLOWING WEEDS ARE CONTROLLED WHEN SPRAYED IN ACCORDANCE WITH THE DIRECTIONS HEREON:

Alligatorweed	Geranium	Rush
Arrowhead	Goldenrod	Russian thistle
Beggarweed	Hemp	Sagebrush
Bindweed	Henbit	Shepherdspurse
Bitter watercress	Hoary crest	Smartweed
Boxelder	Honeysuckle	Sowthistle
Buckhorn	Indigo	Spanish needles
Bullthistle	Ironweed	Spiny amaranth
Bullrush	Jimsonweed	Stinkweed
Burdock	Lambquarter	Sumac
Buttercup	Locoweed	Sunflower
Canada thistle	Morningglory	This leaf
Carpetweed	Mullein	Virginia creeper
Catnip	Mustard	Water hyacinths
Chickweed	Parrot feather	Waterlily
Chicory	Pennywort	Waterlettuce
Cocklebur	Pepperweed	Waterprimrose
Creeping jenny	Pigweed	Wild garlic
Cudweed	Poison ivy	Wild lettuce
Curly indigo	Poisonweed	Wild onion
Dichondra	Poorjoe	Wild radish
Dogfennel	Puncture vine	Willow
Luckweed	Purslane	Witchweed
Elderberry	Ragweed	
Falsedandelion	Red sorrel	

Users should note that herbicide treatment of public waters requires a permit from appropriate state agencies in most states. Consult your State Fish and Game Agency before applying this product to public waters.

NOTICE

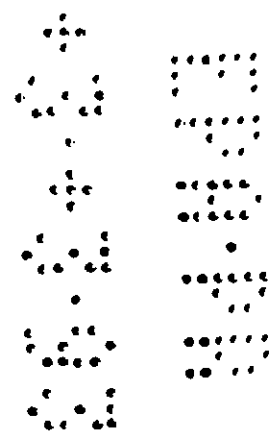
PLATTE WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE 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 PLATTE. IN NO CASE SHALL PLATTE 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.

BEST AVAILABLE COPY

434

UNITOX LIQUID
EPA REG. NO. 34704-646

EXCEPT AS EXPRESSLY PROVIDED HEREIN, PLATTE MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE.



FORMULATED FOR
PLATTE CHEMICAL CO.
150 SO. MAIN STREET FREMONT, NEBRASKA 68025