



For control or suppression of emerged weeds in fallow and reduced tillage small grain systems in the states of Colorado, Idaho, Kansas, Montana, Nebraska, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington and Wyoming.

AVOID CONTACT WITH FOLIAGE OF CROP OR OTHER DESIRABLE VEGETATION SINCE SEVERE INJURY OR DESTRUCTION MAY RESULT.

Complete Directions for Use

EPA Reg. No. 524

Landmaster is a registered trademark of Monsanto Company.

1986-1

806.14-000.01/53

Read the entire label before using 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.

NOT FOR REFORMULATION.

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 heading ("Directions") when used in accordance with those Directions under the conditions described therein. NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to conditions and limitations stated herein.

Buyer and all users shall promptly notify this Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including but not limited to, incompatibility with products other than those set forth in the Directions, application to or contact with desirable vegetation, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, as well as weather conditions which are outside the application ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions on or on the soil, crop or treated vegetation.

THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

The Buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement.

PRECAUTIONARY STATEMENTS

Hazards to
Humans and Domestic Animals

Keep out of reach of children.

DANGER!
CAUSES EYE BURNS.
HARMFUL IF SWALLOWED.
MAY CAUSE ALLERGIC SKIN REACTION.

Do not get in eyes, on skin or on clothing.

Wear goggles or face shield and rubber gloves in transferring and mixing and when adjusting, repairing or cleaning equipment.

Wash thoroughly with soap and water after handling.

FIRST AID: IF IN EYES, immediately flush with plenty of water for at least 15 minutes. Call a physician.

IF ON SKIN, immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing. Wash clothing before reuse. Sensitive persons should avoid further contact and reuse of clothing.

IF SWALLOWED, induce vomiting immediately by either giving two glasses of water and sticking finger down throat or, when available, administering syrup of ipecac as prescribed on its container. Call a physician. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

In case of an emergency involving this product, Call Collect, day or night, (314) 624-4000.

Environmental Hazards

Avoid direct application to any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes.

Physical or Chemical Hazards

Spray solutions of this product should be mixed, stored and applied only in stainless steel, aluminum, fiberglass, plastic and 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, lit cigarette or other ignition source.

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal. Do not store near fertilizers, seeds, insecticides or fungicides.

STORAGE: STORE ABOVE 40°F. to keep product in solution. If crystals form, place in a warm room (72°F.), allow the product to reach room temperature and roll or shake periodically until crystals have dissolved. Keep container closed to prevent spills and contamination.

For bulk containers, see the container label for alternate storage information.

524-376 pmas 10F10

DISPOSAL: Wastes of this product may cause eye burns and may be dangerous. Do not pour or dispose of excess pesticide, spray mixture, or sludge in 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 of the nearest EPA Regional Office for guidance.

Empty container retains vapor and product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.

(See the inside container label for disposal information.)

ACTIVE INGREDIENTS:

Glyphosate (N-phosphonomethyl glycine) as the isopropylamine salt	13.3%
2,4-D (2,4-dichlorophenoxyacetic acid) as the isopropylamine salt	11.1%
INERT INGREDIENTS:	75.6%
	100.0%

*Contains 1.44 grams per liter or 1.2 lbs per U.S. gallon of the active ingredient, glyphosate, as its isopropylamine salt and 1.20 grams per liter or 1 lb per U.S. gallon of the active ingredient, 2,4-D, as its isopropylamine salt. Equivalent to 180 grams per liter or 0.9 lb per U.S. gallon of the acid, glyphosate and 96 grams per liter or 0.8 lb per U.S. gallon of the acid 2,4-D.

The glyphosate component of Landmaster II herbicide is protected by U.S. Patent No. 3,799,758, and U.S. Patent No. 4,465,531. Other patents are pending.

GENERAL INFORMATION

Landmaster II is a postemergence herbicide for control or suppression of emerged weeds in fallow and reduced tillage systems, prior to planting or emergence of wheat, barley, oats, rye or sorghum (grain or forage).

This product enters the plant through the foliage and moves throughout the plant. Visual effects of control are a gradual wilting or yellowing of the plant, which advances to complete browning of above-ground growth and deterioration of affected underground plant parts. Visible symptoms will usually develop on labeled weeds within 2 to 4 days after application, but may not occur for 7 or more days. Extremely cool or cloudy weather following treatment may slow activity of this product and delay the visual effects of control.

APPLICATION PRECAUTIONS AND WARNINGS

- Do not plant any crop other than wheat, barley, oats, rye or sorghum (grain or forage) for 3 months after treatment or until this product has disappeared from the soil.
- Do not feed or forage treated vegetation from treated areas within 8 weeks after application.
- DO NOT APPLY IN THE VICINITY OF 2,4-D SENSITIVE CROPS SUCH AS COTTON, GRAPES, TOMATOES AND OTHER DESIRABLE VEGETATION.
- Applications should be made only when there is no hazard from spray drift since very small quantities of spray, which may not be visible, may severely injure susceptible crops or desirable vegetation.

The likelihood of injury occurring to adjacent crops from the use of this product is greatest when winds are gusty or in excess of 5 miles per hour or when other conditions including lesser wind velocities will favor spray drift.

Movement of this product on soil particles during windstorms may cause damage to susceptible plants that are contacted. This hazard is reduced if rainfall occurs shortly after application.

Buyer and all users are responsible for all loss or damage in connection with the use or handling of mixtures of this herbicide or other materials that are not expressly recommended in this labeling. Mixing this product with herbicides or other materials not recommended on this label may result in reduced performance. Use of this product in any manner not consistent with this label may result in injury to persons, animals or crops, or other unintended consequences.

Landmaster II is subject to all state and county regulations for 2,4-D amines.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

TIMING OF APPLICATION

This product should be applied postemergence to vigorously growing weeds when they have reached the recommended size given in the "RECOMMENDED RATES AND WEEDS CONTROLLED" section of this label. Application should be delayed until maximum emergence of the target weed, but before weeds exceed the maximum size recommended. For annual weeds, allow 1 day after treatment before tillage. For field bindweed, allow at least 7 days after treatment before tillage.

Reduced control may result if treatments are made during poor growing conditions such as drought stress, disease or insect damage or if weeds have been mowed, grazed or cut. Heavy dust on foliage or an overhazy canopy covering targeted weeds may also reduce control. Rainfall or irrigation occurring within 6 hours after application may reduce effectiveness. Heavy rainfall or irrigation within 2 hours after application will wash this product off the foliage and a repeat treatment will be required.

- For field bindweed and quackgrass, do not till between harvest and fall applications or in fall or spring prior to spring application.

ACCEPTED

AUG 18 1986

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under

EPA Reg. No. 524-376



RECOMMENDED RATES AND WEEDS CONTROLLED

For best results, apply this product after most weed seeds have germinated but before seedling formation in grasses or flower bud formation in broadleaves.

When applied as directed, Landmaster II herbicide will provide control or suppression of the grass and broadleaf weed species listed below. Rate recommendations are for maximum weed height at treatment time.

ANNUAL WEED SPECIES	LANDMASTER II	
	RATE PER ACRE	MAXIMUM HEIGHT
Festiva (grass) Setaria viridis	27 oz	12"
Hoary Hordeum vulgare	40 oz	6"
Brome (barnyard) Bromus tectorum		
Festiva Setaria spp.		
Kochia Kochia scaparin		
Loliva (grain) Loliva torrida		
Panicum Tribulus terrestris		
Panicum (common) Panicum olivaceum		
Cocklebur Xanthium polygalicum	40 oz	12"
Lambquarters Chenopodium album		
Marestail (barn) Descurainia pinnata		
Pigweed (redtop) Amaranthus retrofractus		
Pigweed (smooth) Amaranthus hybridus		
Rye Secale cereale		
Stinkgrass Eragrostis ciliaris		
Thistle (barn) Salsola kali		
Wheat Triticum aestivum		
Wormgrass Echinochloa crus-galli	54 oz	6"
Buttercup Solomon rostratum		
Goatgrass Aegilops cylindrica		
Marestail (blue) Charitara tenuis		
Panicum (tail) Panicum dichotomiflorum		
Quail (tail) Avena sativa	54 oz	12"
Wildgoose Panicum capillare		

PERENNIAL WEED SPECIES	RATE PER ACRE	LENGTH OF VINES/ TREATMENT HEIGHT
		PER ACRE
Woodruff (field) Conoclinium ovatum	54 oz (Suppression only)	6 to 18"
Goatsue Ageratum repens	54 oz (Suppression only)	6 to 12"
	100 oz	

*For control in no-till systems or heavy infestations, use 54 ounces. For best results on light infestations, treat after the plant has passed through the weedy stage of growth and is 3 to 6 inches in height. When treating medium to heavy infestations or plants that are in the weedy stage (1 to 3 inches in height), add 2 fluid ounces of BonarTM to the recommended rate of Landmaster II. Refer to the Bonar label for planting, cropping and other restrictions. Follow all precautions on the Bonar label.

TM is a trademark of Valent Chemical Company.

LANDMASTER II plus CLEANTM TANK MIXTURE (PRIOR TO PLANTING BREAK)

This tank mixture provides initial postemergence control and extended soil residual control of labeled annual weeds in reduced tillage areas to be planted only to wheat. Use the labeled rate of Clean with the recommended rate of this product and mix as directed in the mixing instructions. Refer to the Clean label for proper stages, rates, planting, cropping and other restrictions. Follow all precautionary statements on this and the Clean label.

TM is a trademark of E. I. duPont de Nemours and Company.

ADD TO TILLAGE

NOTE: Add to tillage use is approved only for the states of Washington, Oregon, Idaho, Montana and Utah.

Landmaster II herbicide used in conjunction with pre-plant and conventional fallow tillage practices will provide control of downy brome, volunteer wheat, long beard, and foxtails. Apply 27 fluid ounces of this product in 3 to 10 gallons of water per acre to weeds that are actively growing. Treat when weeds are less than 6 inches in height. Application must be followed by conventional tillage practices before regrowth of the treated plant occurs. Allow at least 1 day after application before tillage.

AMMONIUM SULFATE

The addition of 2 percent dry ammonium sulfate by weight (or liquid equivalent) or 17 pounds per 100 gallons of water may increase the performance of Landmaster II and Landmaster II tank mixtures on annual weeds. The impact on performance may be apparent where environmental stress is a concern. Low quality ammonium sulfate may contain material that will not readily dissolve which could result in nozzle tip plugging. To determine quality, perform a jar test by adding 1/2 cup of ammonium sulfate to 1 gallon of water and agitate for 1 minute. If undissolved sediment is observed, pretreat the ammonium sulfate in water and filter prior to addition to the spray tank. If ammonium sulfate is added directly to the spray tank, add slowly with agitation. Adding too quickly may clog outlet line. **ENSURE THAT AMMONIUM SULFATE IS COMPLETELY DISSOLVED IN THE SPRAY SYSTEM BEFORE ADDING HERBICIDES OR SURFACTANT. THOROUGHLY RINSE THE SPRAY SYSTEM WITH CLEAN WATER AFTER USE TO**

When using ammonium sulfate, do not use below carrier

APPLICATION EQUIPMENT

This product may be applied using either ground or aerial spray equipment. The extreme care to avoid misting or drifting of herbicide solution onto foliage, green stems or fruit of desirable crops, trees, or plants during both pre-plant and dormant periods also can vary small quantities of spray can cause severe plant injury.

GROUND APPLICATION: Apply recommended rates of this product in 3 to 10 gallons of water per acre as a broadcast spray. For optimum spray distribution and coverage, use flat fan or fan volume flow nozzles. When using flat nozzles, space them no more than 40 inches apart and ensure double overlap of spray pattern. Refer to the manufacturer's recommendations for correct pressure and nozzle height above the target canopy. Acid pressure and nozzle height which produce fine droplets or mist. Use appropriate machine devices to ensure uniform spray coverage and best results from Landmaster II herbicide.

AERIAL APPLICATION: Apply the recommended rates of this product in 3 to 5 gallons of water per acre as a broadcast spray. **DO NOT APPLY DURING INVERSION CONDITIONS, WHEN WINDS ARE GUSTY, OR WHEN OTHER CONDITIONS WILL FAVOR DRIFT. DRIFT MAY CAUSE DAMAGE TO ANY VEGETATION CONTACTED TO WHICH TREATMENT WAS NOT INTENDED. TO PREVENT DRIFT TO ADJACENT DESIRABLE VEGETATION, APPROPRIATE BUFFER ZONES MUST BE MAINTAINED.**

Coarse sprays are less likely to drift, therefore, do not use nozzles or nozzle configurations which dispense spray as fine spray droplets. Do not angle nozzles forward. As the air stream and do not increase spray volume by increasing nozzle pressure.

MIXING INSTRUCTIONS

LANDMASTER II ALONE

Fill the spray tank to about 3/4 of the desired volume with clean water. Add the recommended amount of Landmaster II herbicide, then complete the filling process while maintaining agitation. Remove the hose from the mix tank immediately after filling to avoid siphoning back into the carrier source. During mixing and application, foaming of the spray solution may occur. To prevent or minimize foam, terminate by-pass and return lines at the tank bottom and / or use an agriculturally approved anti-foam or defoaming agent.

Additional surfactant is not necessary for this formulation.

NOTE: Reduced results may occur if water containing soil is used, such as water from ponds and unlined ditches.

TANK MIXTURES

Always determine the compatibility of labeled tank mixtures of this herbicide with water carrier by mixing small proportional quantities in advance.

Mix labeled tank mixtures of Landmaster II herbicide with water as follows:

1. Place a 20 to 35 mesh screen or mesh basket over filling port.
2. Through the screen, fill the spray tank one-half full with water and start agitation.

3. If a suitable water is used, make a slurry with the water carrier. Add the herbicide **SLOWLY** through the screen into the tank with agitation.

4. If a suitable formulation is used, permit one part formula with one part water. Add diluted mixture **SLOWLY** through the screen into the tank. Continue agitation.

5. If an emulsifiable concentrate formulation is used, permit one part emulsifiable concentrate with two parts water. Add diluted mixture slowly through the screen into the tank. Continue agitation.

6. Continue filling the spray tank with water and add the required amount of Landmaster II herbicide near the end of the filling.

7. If a nonionic surfactant is added, add this to the spray tank before completing the filling process.

8. Add individual formulations to the spray tank as follows: wettable powder, flowable, emulsifiable concentrate, drift control additive, water soluble liquid followed by surfactant.

Maintain good agitation at all times until the contents of the tank are sprayed. If the spray mixture is allowed to settle, thorough agitation is required to recombine the mixture before spraying is resumed.

Keep by-pass line on or near bottom of tank to minimize foaming. Screen size in nozzle should be no finer than 100 mesh and in-line strainers should be no finer than 50 mesh. Carefully select proper nozzle to avoid spraying a fine mist. For best results with conventional ground application equipment, use flat fan nozzles.

Check label of all products used in tank mix for cleaning instructions. Clean as per the hardest material to remove.

SPRAYER CLEANUP

CLEAN THE ENTIRE SPRAYER AFTER APPLICATION OF THIS PRODUCT. Failure to clean the sprayer thoroughly may result in injury to desirable crops which are subsequently sprayed. First, add clean water to the tank and thoroughly rinse the entire sprayer system. Secondly, fill the tank with water and ammonia. Add 1 quart of household ammonia per 25 gallons of water. Pump enough solution through the hose, boom and nozzle to fill these parts completely. Then fill the tank, close and leave for 24 hours before draining and rinsing thoroughly with water.

Application or use of other agricultural chemicals with the equipment used for this product may result in injury to desirable vegetation.

Thoroughly wash aircraft, especially landing gear, after each day of spraying to remove residues of this product accumulated during spraying or from spills. **PROLONGED EXPOSURE OF THIS PRODUCT TO UNCOATED STEEL SURFACES MAY RESULT IN CORROSION AND POSSIBLE FAILURE OF THE PART. LANDING GEAR ARE MOST SUSCEPTIBLE.** The maintenance of an organic coating (Paint) which meets aerospace specification MIL-C-30413 may prevent corrosion.

886-14-000.01/53

2 of 10

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In case of an emergency involving this product, Call Collect, day or night, (314) 694-6000.

MONSANTO COMPANY
AGRICULTURAL PRODUCTS
ST. LOUIS, MISSOURI 63167 U.S.A.



Landmaster II

HERBICIDE

by Monsanto

Keep out of reach of children.

DANGER!

NET 2.5 GAL.

Read precautions on side panel

Read the entire label before using this product. Use only according to label instructions.

Read "LIMIT OF WARRANTY AND LIABILITY" which appears on the label booklet before buying or using. If terms are not acceptable, return it once unopened.

AVOID CONTACT WITH FOLIAGE OF CROP OR OTHER DESIRABLE VEGETATION SINCE SEVERE INJURY OR DESTRUCTION MAY RESULT.

ACTIVE INGREDIENTS*:

Glyphosate N-phosphonomethyl glycine as the isopropylamine salt.....	13.35
2,4-D (2,4 dichlorophenoxyacetic acid) as the isopropylamine salt.....	11.15
INERT INGREDIENTS:.....	75.50
	100.00

*Contains 144 grams per litre or 1.2 lbs per U.S. gallon of the active ingredient, glyphosate, as its isopropylamine salt and 120 grams per litre or 1 lb per U.S. gallon of the active ingredient, 2,4-D, as its isopropylamine salt. Equivalent to 108 grams per litre or 0.9 lbs per U.S. gallon of the acid, glyphosate and 96 grams per litre or 0.8 lbs of the acid 2,4-D.

To remove booklet
TAKE HOLD AT A
'CORNER' and
PULL UP!

ACCEPTED

AUG 18 1986
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under
EPA Reg. No. 524-376

Carefully follow detailed instructions in attached booklet.

NOT FOR REFORMULATION OR REPACKAGING.

PRECAUTIONARY STATEMENTS

Warnings to Humans and Domestic Animals

Keep out of reach of children.

DANGER!

CAUSES EYE BURNS.

IRRITANT IF SWALLOWED.

MAY CAUSE ALLERGIC SKIN REACTION.

Do not get in eyes, on skin or on clothing.

Wear goggles or face shield and rubber gloves or protective suit and strong and clean shoes, spraying or cleaning equipment.

Wash thoroughly with soap and water after handling.

FIRST AID: IF IN EYES, immediately flush with plenty of water for at least 15 minutes. Call a physician.

IF ON SKIN, immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing. Wash clothing before reuse. Severe skin reactions should need further contact and reuse of clothing.

IF SWALLOWED, induce vomiting immediately by either giving two glasses of water and sticking finger down throat or, when available, administering spray of ipecac as prescribed on its container. Call a physician. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

In case of an emergency involving this product, Call Calson, day or night (314) 604-4000.

Environmental Hazards

Avoid direct application to any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes.

Physical or Chemical Hazards

Spray solutions of this product should be stored, stored and applied only in stainless steel, aluminum, fiberglass, plastic and 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 DEVICES. This product or spray solutions of this product react with such containers and tend 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.

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal. Do not store near buildings, tanks, insecticides or fungicides.

STORAGE:

Store above 40°F. to keep product in solution. If crystals form, place in a warm room (72°F.), allow the product to reach room temperature and stir or shake periodically until crystals have redissolved. Keep containers closed to prevent spills and contamination.

DISPOSAL:

Wastes of this pesticide may cause eye burns and may be dangerous. Dispose of excess pesticide, spray mixture, or residue in a violation of Federal law. If these wastes cannot be disposed of by user according to label instructions, contact your State Pesticide or Environmental Control Agency, or the nearest State representative of the nearest EPA Regional Office for guidance.

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

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

The glyphosate component of Landmaster II herbicide is protected by U.S. Patent No. 3,790,758, and U.S. Patent No. 4,465,531. Other patents are pending.

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EPA Reg. No. 534



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(PA 1d 3750/MT) 806-14-000-021

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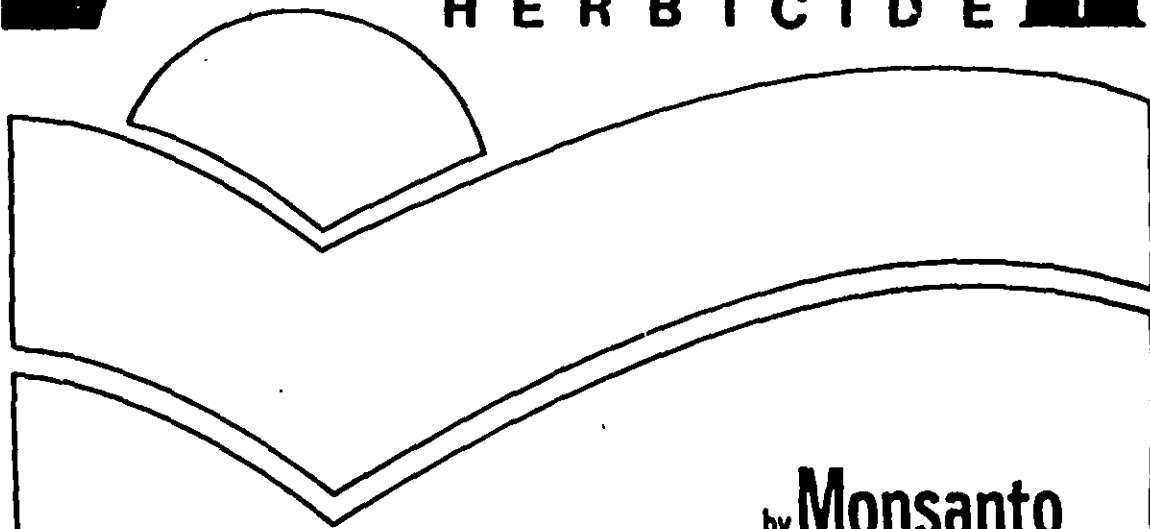
Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including but not limited to, incompatibility with products other than those set forth in the Directions, application in or contact with desirable vegetation, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, as well as weather conditions which are outside the application ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop or treated vegetation.

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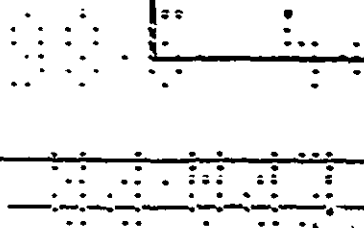
Landmaster II

HERBICIDE



by **Monsanto**

SEE OTHER SIDE FOR PRINCIPAL DISPLAY PANEL



HERBICIDE



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TWO 2.5 GAL UNITS

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Under Fungicide or am registrants EPA R

Landmaster II

HERBICIDE, Monsanto

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AGRICULTURAL PRODUCTS
ST. LOUIS, MISSOURI 63167, U.S.A.



Landmaster II

HERBICIDE, Monsanto

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Wash thoroughly with soap and water after handling.

FIRST AID: IF IN EYES, immediately flush with plenty of water for at least 15 minutes. Call a physician.

IF ON SKIN, immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing. Wash clothing before reuse. Sensitive persons should avoid further contact and reuse of clothing.

IF SWALLOWED, induce vomiting immediately by either giving two glasses of water and sticking finger down throat or, when available, administering syrup of ipecac as prescribed on its container. Call a physician. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

In case of an emergency involving this product.
Call Collect, day or night, (314) 694-4000

Environmental Hazards

Avoid direct application to any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes.

Physical or Chemical Hazards

Spray solutions of this product should be mixed stored and applied only in stainless steel, aluminum, fiberglass, plastic and 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, lit cigarette or other ignition source.

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal. Do not store near fertilizers, seeds, insecticides or fungicides.

STORAGE

Store above 40°F to keep product in solution. If crystals form, place in a warm room (72°F), allow the product to reach room temperature and roll or shake periodically until crystals have redissolved. Keep container closed to prevent spills and contamination.

DISPOSAL

Wastes of this pesticide may cause eye burns and may be dangerous. Improper disposal of excess pesticide spray mixtures, or residue 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 of the nearest EPA Regional Office for guidance.

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

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.

70F10

886.14-000.03Y

EPA Est. 37507-MT-1

80F10

ACCEPTED
AUG 18 1986
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 524-376

Landmaster II

HERBICIDE

by Monsanto

ACTIVE INGREDIENTS	
Glyphosate [N-phosphonomethyl glycine] as the isopropylamine salt	13.3%
2,4-D (2,4-dichlorophenoxyacetic acid) as the isopropylamine salt	11.1%
INERT INGREDIENTS	75.6%
	100.0%

Keep out of reach of children.
DANGER! Read precautions on back panel
NET 30 GAL.

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
**AVOID CONTACT WITH FOLIAGE OF CROP OR OTHER
DESIRABLE VEGETATION SINCE SEVERE INJURY OR
DESTRUCTION MAY RESULT**

Contains 144 grams per litre or 1.2 lbs per U.S. gallon
of the active ingredient, glyphosate, as its isopropyl-
amine salt and 120 grams per litre or 1 lb per U.S.
gallon of the active ingredient, 2,4-D, as its isopropyl-
amine salt. Equivalent to 108 grams per litre or 0.9 lbs
per U.S. gallon of the acid, glyphosate and 96 grams
per litre or 0.8 lb per U.S. gallon of the acid 2,4-D

PRECAUTIONARY STATEMENTS

**Hazards to
Humans and Domestic Animals**

Keep out of reach of children.

DANGER!

CAUSES EYE BURNS.

HARMFUL IF SWALLOWED.

**MAY CAUSE ALLERGIC SKIN
REACTION.**

Do not get in eyes, on skin or on clothing

Wear goggles or face shield and rubber gloves in transferring and mixing and when adjusting, repairing or cleaning equipment

Wash thoroughly with soap and water after handling

FIRST AID IF IN EYES. Immediately flush with plenty of water for at least 15 minutes. Call a physician
IF ON SKIN. Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing. Wash clothing before reuse. Sensitized persons should avoid further contact and reuse of clothing

IF SWALLOWED induce vomiting immediately by either giving two glasses of water and sticking finger down throat or when available administering syrup of ipecac as prescribed on its container. Call a physician. **NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON**

In case of an emergency involving this product
Call Collect day or night (314) 694-4000

Environmental Hazards

Avoid direct application to any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes

Landmaster II

HERBICIDE by Monsanto

Physical or Chemical Hazards

Spray solutions of this product should be mixed, stored and applied only in stainless steel, aluminum, fiberglass, plastic and 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.

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal. Do not store near fertilizers, seeds, insecticides or fungicides

STORAGE

Store above 40°F to keep product in solution. If crystals form, place in a warm room (72°F), allow the product to reach room temperature and roll or shake periodically until crystals have redissolved. Keep container closed to prevent spills and contamination

DISPOSAL

Wastes of this pesticide may cause eye burns and may be dangerous. Improper disposal of excess pesticide, spray mixtures, 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

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

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

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 OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE.** This warranty is also subject to conditions and limitations stated herein.

Buyer and all users shall promptly notify this Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including but not limited to, incompatibility with products other than those set forth in the Directions, application to or contact with desirable vegetation, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, as well as weather conditions which are outside the application ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop or treated vegetation.

THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

The Buyer and all users are deemed to have accepted the terms of this **LIMIT OF WARRANTY AND LIABILITY** which may not be varied by any verbal or written agreement.

Carefully follow detailed instructions in attached booklet

NOT FOR REFORMULATION OR REPACKAGING.

In case of an emergency involving this product.
Call Collect day or night, (314) 694-4000

MONSANTO COMPANY-1986

Registered Trademark of Monsanto Company

MONSANTO COMPANY
AGRICULTURAL PRODUCTS
ST. LOUIS, MISSOURI 63167 U.S.A.



EPA Est. 37507-MT-1
EPA Reg. No. 524

836-14-000-06/531
Part 2 of 2

The glyphosate component of Landmaster II herbicide is protected by U.S. Patent No. 3,799,758, and U.S. Patent No. 4,405,531. Other patents are pending.



ACCEPTED

AUG 18 1986

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. **524-376**

Carefully follow detailed instructions in attached booklet

EPA Est. _____

Read the entire label before using this product. Use only according to label instructions.

Read "LIMIT OF WARRANTY AND LIABILITY" which appears on the label booklet before buying or using. It forms an integral part of this contract.

The contents of this container may not be REFORMULATED nor, except in accordance with the Monsanto Repackaging Agreement, REPACKAGED.

AVOID CONTACT WITH POLYMER OF CARBON OR OTHER DESIRABLE VEGETATION SINCE SEVERE INJURY OR DESTRUCTION MAY RESULT.

PRECAUTIONARY STATEMENTS
Hazardous to Humans and Domestic Animals

Keep out of reach of children

DANGER!
CAUSES EYE BURNS.
HARMFUL IF SWALLOWED.
MAY CAUSE ALLERGIC SKIN REACTION.
Do not get in eyes, on skin or on clothing.

Wear goggles or face shield and rubber gloves in transferring and mixing and when adjusting sprayer or cleaning equipment.

Wash thoroughly with soap and water after handling. **DO NOT DRINK IF IN CASE.** Immediately flush with plenty of water for at least 15 minutes. Call a physician.

IF ON SKIN, immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing. Wash clothing before reuse. Small children should avoid further contact and reuse of clothing.

IF SWALLOWED, induce vomiting immediately by either giving two glasses of water and sticking finger down throat or, when available, administering syrup of ipecac as instructed on its container. Call a physician. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

In case of an emergency involving this product, Call Collect, day or night (314) 994-6999.

Environmental Hazards

Avoid direct application to any body of water. Do not contaminate water by cleaning of equipment or disposal of waste.

Physical or Chemical Hazards

Spray solutions of this product should be mixed, stored, and applied only in stainless steel, aluminum, magnesium, plastic and 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. Avoid by open flame, spark, molten metal, lighted cigarette or other ignition source.

Storage and Disposal

Do not contaminate water, food or feed by storage or disposal. Do not store near herbicide, acids, ammonia or fertilizer.

STORAGE: Store above 40°F to keep product in solution. If crystals form, place in a warm room (72°F), allow the product to reach room temperature and use until all crystals have redissolved. Keep container closed to prevent spills and contamination.

DISPOSAL: Wastes of this pesticide may cause eye burns and may be dangerous. Immerse disposal of excess pesticide, spray mixtures, or residue in a solution of Federal Law. If these wastes cannot be disposed of by site according to label instructions, contact your State Pesticide or Environmental Control Agency, or the nearest State representative of the nearest EPA Regional Office for guidance.

Empty container retains vapor and product residue. Observe all label safeguards until container is cleaned, recontaminated or destroyed.

Single atom emptied bulk containers. Then allow for recycling or recontamination, or dispose of in a manner approved by state and local authorities.

ACTIVE INGREDIENTS:

Glyphosate [N-(phosphonomethyl) glycine] as the isopropylamine salt	13.3%
2,4-D (2,4-dichlorophenoxyacetic acid) as the isopropylamine salt	11.1%
INERT INGREDIENTS:	75.6%
	100.0%

*Contains 144 grams per litre or 1.2 lbs per U.S. gallon of the active ingredient, glyphosate, as its isopropylamine salt and 120 grams per litre or 1 lb per U.S. gallon of the active ingredient, 2,4-D, as its isopropylamine salt. Equivalent to 108 grams per litre or 0.9 lb per U.S. gallon of the acid, glyphosate and 90 grams per litre or 0.8 lb per U.S. gallon of the acid 2,4-D.

The glyphosate component of Landmaster II herbicide is protected by U.S. Patent No. 3,799,750, and U.S. Patent No. 4,405,531. Other patents are pending.

Registered trademark of Monsanto Company EPA Reg. No. 524.

In case of an emergency involving this product, Call Collect, day or night, (314) 994-6999.



MONSANTO COMPANY
AGRICULTURAL PRODUCTS
ST. LOUIS, MISSOURI 63167 U.S.A.

PLACE Complete Directions for Use Booklet here

NET CONTENTS