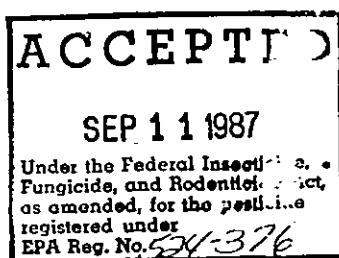


524-376
PM 25

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LANDMASTER II

- ① Do not apply directly to water or wetland (swamps, bogs, marshes or potholes). Do not contaminate water by cleaning of equipment or disposal of waste.



LANDMASTER II

- (2) Do not apply this product through any type of irrigation system.

Landmaster

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. 524-376

©Landmaster is a registered trademark of Monsanto Company.

1987-1

886.14-000.01/53

ACCEPTED

SEP 11 1987

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

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



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 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.

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

1 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 OF 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 flammable 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 disposal. Do not store near fertilizers, seeds, insecticide or fungicides.

STORAGE:

STORE ABOVE 40°F. to keep product in solution. Crystals form, place in a warm room (72°F.), allow 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.

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are using product.
and instructions.
WARRANTY AND LIABILITY" before
are not acceptable, return at
ON.

WARRANTY AND LIABILITY

that this product conforms to the
the label and is reasonably fit
in the Complete Directions for
use") when used in accordance
under the conditions described
LESS OR IMPLIED WARRANTY
ARTICULAR PURPOSE OR
MADE. This warranty is also
limitations stated herein.

promptly notify this Company
used in contract, negligence,
or otherwise.

responsible for all loss or damage
which results from conditions
a Company, including, but not
with products other than those
application to or contact with
equal weather, weather condi-
range considered normal at
for the time period when the
has weather conditions which
ranges set forth in the Direc-
manner not explicitly set forth
these conditions outside the
in the Directions, or the
than those set forth in the
crop or treated vegetation.

OF THE USER OR BUYER, AND
OF THIS COMPANY OR ANY
AND ALL LOSSES, INJURIES
FROM THE USE OR
PRODUCT (INCLUDING CLAIMS
DAMAGE, STRICT LIABILITY,
AND) SHALL BE THE PURCHASE
USER OR BUYER FOR THE
ACT INVOLVED, OR, AT THE
ANY OR ANY OTHER SELLER,
SUCH QUANTITY OR, IF NOT
REPLACEMENT OF SUCH
ALL THIS COMPANY OR ANY
FOR ANY INCIDENTAL OR
LOSSES.

deemed to have accepted the
WARRANTY AND LIABILITY which
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. Sensitized per-
sons 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

- ① 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, 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 dissolved. Keep container
closed to prevent spills and contamination.

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

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 cleaned,
reconditioned or destroyed.

(See the individual container label for disposal infor-
mation.)

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 isopropyl-
amine salt and 120 grams per litre or 1 lb. per U.S. gal-
lon 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 96 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. 3,799,758, and U.S.
Patent No. 4,405,531. 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.

- 46
- 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 regula-
tions for 2,4-D amine.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any
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. Appli-
cation should be delayed until maximum emergence of
the target weeds, 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 overstory
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.

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RECOMMENDED RATES AND WEEDS CONTROLLED

For best results, apply this product after most weed seeds have germinated but before seedhead 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. Rates recommended are for maximum weed height at treatment time.

ANNUAL WEED SPECIES	LANDMASTER® II	
	RATE PER ACRE	MAXIMUM HEIGHT
Foxtail (green) <i>Setaria viridis</i>	27 oz	12"
Barley <i>Hordeum vulgare</i>	40 oz	6"
Brome (downy)* <i>Bromus tectorum</i>		
Foxtail <i>Setaria</i> spp.		
Kochia* <i>Kochia scoparia</i>		
Lettuce (prickly)* <i>Lactuca serriola</i>		
Puncturevine <i>Tribulus terrestris</i>		
Purslane (common) <i>Portulaca oleracea</i>		
Cocklebur <i>Xanthium pensylvanicum</i>	40 oz	12"
Lambsquarters <i>Chenopodium album</i>		
Mustard (tansy) <i>Descurainia pinnata</i>		
Pigweed (redroot) <i>Amaranthus retroflexus</i>		
Pigweed (smooth) <i>Amaranthus hybridus</i>		
Rye <i>Secale cereale</i>		
Stinkgrass <i>Eragrostis ciliaris</i>		
Thistle (Russian) <i>Salsola kali</i>		
Wheat <i>Triticum aestivum</i>		
Barnyardgrass <i>Echinochloa crus-galli</i>	54 oz	6"
Buffalobur <i>Solanum rostratum</i>		
Goatgrass <i>Aegilops cylindrica</i>		
Mustard (blue) <i>Chorispora tenella</i>		
Panicum (fall) <i>Panicum dichotomiflorum</i>		

PERENNIAL WEED SPECIES	RATE PER ACRE	LENGTH OF VINES/ TREATMENT HEIGHT
Bindweed (mild) <i>Convolvulus arvensis</i>	54 oz (Suppression only)	6 to 18"

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

™Banvel is a trademark of Sandoz, Inc.

LANDMASTER II plus GLEAN™ TANK MIXTURE (PRIOR TO PLANTING WHEAT)

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 Glean with the recommended rate of this product and mix as directed in the mixing instructions. Refer to the Glean label for proper stages, rates, planting, cropping and other restrictions. Follow all precautionary statements on this and the Glean label.

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

AID TO TILLAGE

NOTE: Aid 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, tansy mustard, 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 improvement in 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 ½ cup of ammonium sulfate to 1 gallon of water and agitate for 1 minute. If undissolved sediment is observed, predissolve 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 SOLVED IN THE SPRAY TANK BEFORE ADDING TO THE SPRAY SYSTEM WITH CLEAN WATER TO REDUCE CORROSION.

NOTE: When using ammonium sulfate, use 5 gpa of water carrier.

APPLICATION

This product may be applied using any spray equipment. Use extreme care when drifting herbicide solution or fruit of desirable crops, trees, shrubs and dormant periods of growth and dormancy can cause severe damage.

GROUND APPLICATION: Apply this product in 3 to 10 gallons of water per acre. For optimum coverage, use flat fan or low pressure nozzles, space them apart and ensure double overlap to the manufacturer's recommended pressure and nozzle height above the crop. Use appropriate marking device for coverage and best results from ground application.

AERIAL APPLICATION: Apply this product in 3 to 5 gallons of water per acre. DO NOT APPLY DURING WINDS ARE CALM OR CONDITIONS WILL FAVOR DAMAGE TO ANY VEGETATION. TREATMENT WAS NOT INTENDED TO ADJACENT DESIRABLE VEGETATION. BUFFER ZONES MUST BE MAINTAINED.

Coarse sprays are less likely to clog nozzles or nozzle configuration. Use fine spray droplets. Do not angle the nozzle into the airstream and do not increase the nozzle pressure.

MIXING INSTRUCTIONS

LANDMASTER II

Fill the spray tank to about ¾ full with clean water. Add the recommended rate of Landmaster II herbicide, then continue adding water while maintaining agitation. Mix tank immediately after adding herbicide back into the carrier source. Agitation, foaming of the spray solution or minimize foam, term lines at the tank bottom and/or proved anti-foam or defoaming agent.

NOTE: Reduced results may occur if soil is used, such as in lined ditches.

TANK MIXTURE

Always predetermine the compatibility of this herbicide with small proportional quantities of other tank mixtures. Mix labeled tank mixtures with water as follows:

1. Place a 20 to 35 mesh screen in the filling port.

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54 oz 12"

LENGTH OF VINES/ TREATMENT PER ACRE HEIGHT	
54 oz	6 to 18"
(Suppression only)	

stems or heavy infestations, use
on light kochia infestations,
passed through the woolly stage
4 inches in height. When treat-
infestations or plants that are in
3 inches in height), add 2 fluid
to the recommended rate of
the Banvel label for planting,
infections. Follow all precautions

Standard, Inc

Mr. CLEAN™ TANK MIXTURE (PLANTING WHEAT)

initial postemergence control
control of labeled annual
areas to be planted only to
strate of Glean with the recom-
product and mix as directed in the
to the Glean label for proper
cropping and other restrictions.
statements on this and the Glean

© E. I. du Pont de Nemours and Company.

TO TILLAGE

is approved only for the states
Idaho, Montana and Utah.

used in conjunction with pre-
tillage practices will pro-
brome, volunteer wheat, tansy
Apply 27 fluid ounces of this
of water per acre to weeds that
treat when weeds are less than 6
lication must be followed by con-
tances before regrowth of the treat-
at least 1 day after application

AMMONIUM SULFATE

recent dry ammonium sulfate by
equivalent) or 17 pounds per 100
increase the performance of
Landmaster II tank mixtures on an-
agement in performance may be
elemental stress is a concern. Low-
sulfate may contain material that will
which could result in nozzle tip plug-
quality. perform a jar test by adding
sulfate to 1 gallon of water and agi-
undissolved sediment is observed,
monium sulfate in water and filter
the spray tank. If ammonium sulfate
the spray tank, add slowly with agi-
quently may clog outlet line. ENSURE

THAT AMMONIUM SULFATE IS COMPLETELY DIS-
SOLVED IN THE SPRAY TANK BEFORE ADDING HERBI-
CIDES OR SURFACTANT. THOROUGHLY RINSE THE
SPRAY SYSTEM WITH CLEAN WATER AFTER USE TO
REDUCE CORROSION.

NOTE: When using ammonium sulfate, do not use below
5 gpa of water carrier.

② APPLICATION EQUIPMENT

This product may be applied using either ground or aerial
spray equipment. Use extreme care to avoid misting or
drifting of herbicide solution onto foliage, green stems
or fruit of desirable crops, trees, or plants during both
growing and dormant periods since even very small quan-
tities 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 low volume flood nozzles. When
using flood 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. Avoid
pressure and nozzles which produce fine droplets or mist.

Use appropriate marking 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 10 gallons of water per acre as a broad-
cast spray. **DO NOT APPLY DURING INVERSION CONDI-
TIONS, 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 INJURY
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 into the
airstream and do not increase spray volume by increas-
ing 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 Land-
master 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 appli-
cation, foaming of the spray solution may occur. To pre-
vent or minimize foam, terminate by-pass and return
lines at the tank bottom and/or use an agriculturally ap-
proved anti-foam or defoaming agent.

Additional surfactant is not necessary for this formu-
lation.

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

TANK MIXTURES

Always predetermine 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 wetting basket over
filling port.

2. Through the screen, fill the sprayer tank one-half full
with water and start agitation.
3. If a wettable powder is used, make a slurry with the
water carrier, and add it SLOWLY through the screen
into the tank. Continue agitation.
4. If a flowable formulation is used, premix one part
flowable with one part water. Add diluted mixture
SLOWLY through the screen into the tank. Continue
agitation.
5. If an emulsifiable concentrate formulation is used,
premix one part emulsifiable concentrate with two
parts water. Add diluted mixture slowly through the
screen into the tank. Continue agitation.
6. Continue filling the sprayer 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 con-
centrate, 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 resuspend 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 spray-
ing 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 clean-
ing 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 sub-
sequently 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 house-
hold ammonia per 25 gallons of water. Pump enough
solution through the hoses, boom and nozzles 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 SUS-
CEPTIBLE.** The maintenance of an organic coating (Paint)
which meets aerospace specification MIL-C-38413 may
prevent corrosion.

886.14-000.01/53

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



MONSANTO COMPANY
AGRICULTURAL PRODUCTS
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