



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Ms. Carrie Tackema
Cheminova Inc.
1700 Route 23, Suite 300
Wayne, NJ 07470

JUL 11 2008

Subject: Label Notifications for Pesticide Registration Notice 2007-4

Dear Ms. Tackema,

The Agency is in receipt of your Applications for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated May 14, 2008 (and corrected labels sent June 11, 2008) for the following products:

Metsulfuron-methyl Technical	(EPA Registration Number 4787-50)
Tribenuron-methyl Technical	(EPA Registration Number 4787-53)
Nicosulfuron Technical	(EPA Registration Number 4787-54)
Thifensulfuron-methyl Technical	(EPA Registration Number 4787-56)
Accurate Herbicide	(EPA Registration Number 67760-68)
Nuance Herbicide	(EPA Registration Number 67760-73)
Nic-It Herbicide	(EPA Registration Number 67760-74)
Accurate Extra Herbicide	(EPA Registration Number 67760-76)
Harass Herbicide	(EPA Registration Number 67760-77)
Nimble Herbicide	(EPA Registration Number 67760-78)
Chlorsulfuron Technical	(EPA Registration Number 67760-79)
Chisum Herbicide	(EPA Registration Number 67760-80)
Report Herbicide	(EPA Registration Number 67760-81)
Report Extra Herbicide	(EPA Registration Number 67760-82)

The Registration Division (RD) has conducted its review of these requests for their applicability under PRN 2007-4 and finds that the label changes requested fall within the scope of PRN 2007-4. The labels submitted with the applications have been stamped "Notification" and will be placed in our records, along with this letter.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

2/21
If you have any questions, please call me directly at 703-305-6249 or Steve Schaible of my staff at 703-308-9362.

Sincerely,



Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs

3/21

Please read instructions on reverse before completing form. Form Approved, OMB No. 2070-0060, Approval expires 05-31-98

EPA United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration	OPP Identifier Number
	<input type="checkbox"/> Amendment	
	<input checked="" type="checkbox"/> Other	

Application for Pesticide - Section I

1. Company/Product Number 67760-78	2. EPA Product Manager James A. Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Nimble Herbicide	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) Cheminova Inc. 1700 Route 23, Suite 300 Wayne, NJ 07470		6. Expedited Review. In accordance with FIFRA Section 2(c)(2)(b)(I), my product is similar or identical in composition and labeling EPA Reg. No. _____ Product Name WUL 1 1 2008
<input type="checkbox"/> Check if this is a new address		

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 per PR Notice 2007-4

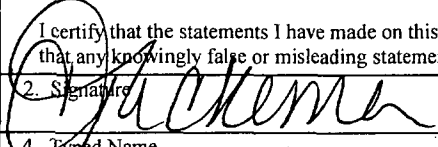
This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146 and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formulation for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146 and 156.156, 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.

*Contact: Carrie M. Tackema: carrie.tackema@cheminova.com or fax: 973-305-1382

Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No *Certification must be submitted	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Unit Packaging wgt. No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Package wgt. No. per container	2. Type of Container <input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input checked="" type="checkbox"/> Other (Specify) - fiber drums or sacks
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container 10 oz. - bulk	5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> Paper glued <input checked="" type="checkbox"/> Stenciled			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name Carrie M. Tackema	Title Regulatory Affairs Manager, North America	Telephone No. (Include Area Code) 973-305-6600, X 229
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory Affairs Manager, North America	
4. Typed Name Carrie M. Tackema	5. Date May 5, 2008	

4/21
NOTIFICATION

JUL 11 2008

NIMBLE™

herbicide

A dry flowable herbicide for use on wheat (including durum), barley, oat, triticale and fallow.

ACTIVE INGREDIENT:

Thifensulfuron-Methyl

Methyl 3-[[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)
amino]carbonyl]amino]sulfonyl]-2-thiophenecarboxylate

50.0%

Tribenuron-Methyl

Methyl 2-[[[N-(4-methoxy-6-methyl-1,3,5-triazin-
2-yl)methylamino]carbonyl]amino]sulfonyl]benzoate

25.0%

INERT INGREDIENTS:

25.0%

TOTAL:

100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

**IN CASE OF A MEDICAL EMERGENCY INVOLVING THIS PRODUCT, CALL TOLL FREE,
DAY OR NIGHT 1-866-303-6950**

Read the entire label before using this product.

Use only according to label instructions.

Read the WARRANTY DISCLAIMER, INHERENT RISKS OF USE, and LIMITATION OF REMEDIES
before buying or using.

If terms are not acceptable, return product unopened without delay.

SEE BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND USE DIRECTIONS

EPA Reg. No. 67760-78

EPA Est. No.

NET CONTENTS:

Manufactured for:

Cheminova, Inc.

1700 Route 23

Wayne, NJ 07470

www.cheminova.us.com

NIMBLE™ is a trademark of Cheminova

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
KEEP OUT OF REACH OF CHILDREN**

CAUTION

Harmful if absorbed through skin. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some of the materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Chemical resistant gloves, Category A (such as butyl rubber, natural rubber, neoprene rubber or nitrile rubber) \geq 14 mil
- Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROL STATEMENTS

When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR part 170 Section 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

FIRST AID

IF ON SKIN OR CLOTHING:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF IN EYES:	Hold eye open and rinse slowly and gently with water for 15-20 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-866-303-6950 for emergency medical treatment information.

ENVIRONMENTAL HAZARDS

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

STORAGE AND DISPOSAL

Pesticide Storage: Store product in original container only. Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Store in a cool, dry place.

Pesticide Disposal:

Nonrefillable containers equal to or less than 5 gallons:

Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent)

promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Nonrefillable containers greater than 5 gallons:

Do not reuse or refill this container. Offer for recycling if available. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank and store rinsate for later use or disposal. Repeat this procedure two more times.

PESTICIDE HANDLING

- Calibrate sprayers only with clean water away from the well site.
- Make scheduled checks of spray equipment.
- Ensure that all operation employees accurately measure pesticides.
- Mix only enough product for the job at hand.
- Avoid over-filling of spray tank.
- Do not discharge excess material on the soil or at a single spot in the field/grove or mixing/loading station.
- Dilute and agitate excess solution and apply at labeled rates/uses.
- Avoid storage of pesticides near well sites.
- When triple rinsing the pesticide container, be sure to add the rinsate to the spray mix.

GENERAL INFORMATION

NIMBLE is a dry flowable granular herbicide that is used for selective postemergence weed control in wheat (including durum), barley, oat, triticale and fallow. The best control is obtained when NIMBLE is applied to young, actively growing weeds. The use rate will depend on weed spectrum and size of weed at time of application. The degree and duration of control may depend on the following:

- weed spectrum and infestation intensity
- weed size at application
- environmental conditions at and following treatment.

NIMBLE is noncorrosive, nonflammable, nonvolatile and does not freeze. NIMBLE should be mixed in water and applied as a uniform broadcast spray.

ENVIRONMENTAL CONDITIONS AND BIOLOGICAL ACTIVITY

NIMBLE is absorbed primarily through the foliage of plants, rapidly inhibiting the growth of susceptible weeds. One to 3 weeks after application to weeds (2 to 5 weeks for wild garlic), leaves of susceptible plants appear chlorotic, and the growing point subsequently dies.

NIMBLE provides the best control in vigorously growing crops that shade competitive weeds. Weed control in areas of thin crop stand or seeding skips may not be as satisfactory. However, a crop canopy that is too dense at application can intercept spray and reduce weed control.

The herbicidal action of NIMBLE may be affected in crops stressed from adverse environmental conditions (such as extreme temperatures or moisture), abnormal soil conditions, cultural practices, or variations in crop variety. In warm, moist conditions, the expression of herbicide symptoms is delayed. In addition, weeds hardened-off by drought stress are less susceptible to NIMBLE.

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 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 for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

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 the statements on this label about personal protective equipment (PPE) and restricted-entry interval. 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.

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.

Chemical resistant gloves, Category A (such as butyl rubber, natural rubber, neoprene rubber or nitrile rubber) ≥ 14 mil.

Shoes plus socks.

NIMBLE must be used only in accordance with recommendations on this label or in separately published Cheminova recommendations.

Cheminova will not be responsible for losses or damages resulting from the use of this product in any manner not specifically recommended by Cheminova.

NIMBLE is recommended for use on wheat, barley, oat, triticale and fallow in most states. Check with your state extension service or Department of Agriculture before use, to be certain NIMBLE is registered in your state.

WEEDS CONTROLLED – ALL USES

NIMBLE effectively controls the following weeds when used according to label directions:

Annual knawel	Mayweed chamomile
Annual sowthistle	Miners lettuce
Black mustard	Narrowleaf lambsquarters
Blue/Purple mustard	Nightflowering catchfly
Broadleaf dock	Pennsylvania smartweed
Bur buttercup	Pineapple weed
Bushy wallflower	Prickly lettuce*
/Treacle mustard	Prostrate knotweed
Clasping pepperweed	Prostrate pigweed
Coast fiddleneck	Redmaids
Common buckwheat	Redroot pigweed
Common chickweed	Russian thistle*
Common cocklebur*	Scentless
Common groundsel	chamomile/mayweed
Common lambsquarters	Shepherd's purse
Common radish	Slimleaf lambsquarters
Common ragweed*	Smallflower buttercup
Common sunflower	Smallseed falseflax
Corn chamomile	Stinking chickweed
Corn growwell*	Stinking mayweed

Corn spurry	/Dogfennel
Cowcockle	Swinecress
Cress (mouse-ear)	Tansymustard
Curly dock	Tarweed fiddleneck
False chamomile	Tumble/Jim Hill mustard
Field chickweed	Volunteer lentils
Field pennycress	Volunteer peas
Filaree (redstem, Texas)	Volunteer sunflower
Flixweed	Wild buckwheat*
Green smartweed	Wild chamomile
Henbit	Wild garlic*
Kochia*	Wild mustard
Ladysthumb	Wild radish*
Lanceleaf sage*	
London rocket	
Marshelder	

WEEDS PARTIALLY CONTROLLED**

NIMBLE partially controls the following weeds when used according to label directions:

Canada thistle*	Mallow (common, little)
Carolina geranium	Nightshade (cutleaf, hairy)
Catchweed bedstraw	Vetch* (common, hairy)
Cutleaf eveningprimrose	

* See SPECIFIC WEED PROBLEMS for more information.

** Partial control: A visual reduction of weed population as well as a significant loss of vigor. For better results, use the highest recommended rate of NIMBLE per acre and include a tank mix partner such as 2,4-D, MCPA, "Buctril," or "Banvel"/"Banvel" SGF/"Clarity" (refer to the TANK MIXTURES section of this label).

FALLOW

APPLICATION INFORMATION

Use Rate

Apply 0.3 to 0.6 oz NIMBLE per acre to fallow. Two applications of NIMBLE may be made provided the total amount applied does not exceed 1.0 oz per acre per crop season.

NIMBLE should be applied in combination with other suitable registered fallow herbicides such as "Landmaster II," "Fallow Master," GLYFOS® or "Roundup" plus 2,4-D (ester formulations work best), GLYFOS® or "Roundup" plus "Banvel"/"Banvel" SGF/"Clarity," 2,4-D, "Banvel"/"Banvel" SGF/"Clarity."

Application Timing:

NIMBLE may be used as a fallow treatment, in the spring or fall when the majority of weeds have emerged and are actively growing.

Tank Mixtures in Fallow

NIMBLE may be used as a fallow treatment, and should be tank mixed with other herbicides that are registered for use in fallow.

Read and follow all manufacturers' label recommendations for the companion herbicide. If those recommendations conflict with this label, do not tank mix the herbicide with NIMBLE.

PREPLANT BURNDOWN

APPLICATION INFORMATION

Use Rate

Wheat (including durum), Barley, Triticale and Oat

Apply at 0.3 to 0.6 oz NIMBLE per acre as a burndown treatment to wheat (including durum), barley, triticale, and oat to control emerged weeds prior to, or shortly after planting (prior to emergence). Make applications when the majority of weeds have emerged and are actively growing.

Cotton

Apply 0.3 to 0.5 oz NIMBLE per acre as a burndown treatment to cotton. Allow at least 14 days between application of NIMBLE and planting of cotton. Include a nonionic surfactant, petroleum based oil concentrate, or vegetable seed based oil product (methylated seed oils are considered a vegetable seed-based oil). If another herbicide is tank-mixed with NIMBLE to increase the broadleaf weed spectrum, select adjuvants based on the companion herbicide.

Sugarbeets, Winter Rape and Canola

Apply at 0.3 to 0.6 oz NIMBLE per acre as a burndown treatment to sugarbeets, winter rape and canola. Allow at least 60 days between application of NIMBLE and planting of sugarbeets, winter rape and canola.

Any Other Crop (Such As Corn, Rice, Grain Sorghum Or Soybeans)

Apply at 0.3 to 0.6 oz NIMBLE per acre as a burndown treatment to any other crop (such as corn, rice, grain sorghum or soybeans). Allow at least 45 days between application of NIMBLE and planting of any other crop (such as corn, rice, grain sorghum or soybeans).

Sequential treatments of NIMBLE may also be made provided the the total amount of NIMBLE applied during the one fallow/preplant cropland season does not exceed 1.0 ounce per acre; for example 0.5 ounce in the fall followed by 0.5 ounce in the spring.

Use the 0.6 ounce per acre rate when weed infestation is heavy and predominantly consists of those weeds listed under PARTIAL CONTROL, or when application timing and environmental conditions are marginal.

(See above for restriction on planting intervals for each crop or crop group.)

TANK MIXTURES IN PREPLANT BURNDOWN

NIMBLE may be used as a preplant burndown treatment alone or tank mixed with other herbicides that are registered for use as a preplant burndown product, such as "Landmaster II," "Fallow Master," GLYFOS® or "Roundup" plus "Banvel"/"Banvel" SGF/"Clarity," or "Banvel"/"Banvel" SGF or "Clarity" alone.

Read and follow all manufacturer's label recommendations for the companion herbicide. If those recommendations conflict with this label, follow the most restrictive labeling (such as planting interval after application), or do not tank mix the herbicide with NIMBLE.

CEREALS

APPLICATION INFORMATION

Use Rate

Do not use less than 0.3 ounce NIMBLE per acre.

Wheat (including Durum), Barley and Triticale

Apply 0.3 to 0.6 oz NIMBLE per acre to wheat (including durum), barley or triticale. Two applications of NIMBLE may be made provided the total amount applied does not exceed 1.0 oz per acre per crop season.

Use 0.3 to 0.4 oz NIMBLE per acre for light infestation of the weeds listed under Weeds Controlled. Conditions at application should be optimum for effective treatment of these weeds.

Use 0.5 oz NIMBLE per acre for heavy infestation of the weeds listed under WEEDS PARTIALLY CONTROLLED.

Use 0.6 oz NIMBLE per acre for heavy infestation of the weeds listed under WEEDS PARTIALLY CONTROLLED when application timing and environmental conditions are marginal (refer to ENVIRONMENTAL CONDITIONS AND BIOLOGICAL ACTIVITY for best performance).

Oat (Spring and Winter)

Apply 0.3 to 0.4 ounce NIMBLE per acre for control of the weeds listed in the WEEDS CONTROLLED table. Do not make more than one application of NIMBLE per crop season on oat.

APPLICATION TIMING

Wheat (including Durum), Barley, Winter Oat and Triticale

Make application after the crop is in the 2-leaf stage, but before the flag leaf is visible.

Spring Oat

Make applications after the crop is in the 3 leaf stage, but before jointing. Do Not use on "Ogle," "Porter" or "Premier" varieties as crop injury can occur.

Since NIMBLE has very little or no soil activity, it controls only those weeds that have germinated; therefore, apply NIMBLE when all or most of the weeds have germinated. Annual broadleaf weeds should be past the cotyledon stage, actively growing, and less than 4" tall or wide. Wild garlic plants should be less than 12" tall with 2" to 4" of new growth. See SPECIFIC WEED PROBLEMS - CEREALS for more information.

Rainfall immediately after treatment can wash NIMBLE off of weed foliage, resulting in reduced weed control. Several hours of dry weather are needed to allow NIMBLE to be sufficiently absorbed by weed foliage.

SPECIFIC WEED PROBLEMS - CEREALS

Canada thistle: For control in wheat, barley and triticale, use 0.6 oz per acre plus surfactant when all thistles are 4" to 8" with 2" to 6" of new growth. Make the application in the spring. Control will be improved by using NIMBLE in combination with 2,4-D (refer to **TANK MIXTURES-CEREALS**).

Common cocklebur, Common ragweed, Lanceleaf sage: In wheat, barley and triticale, apply NIMBLE at 0.4 to 0.5 ounce per acre in combination with 2,4-D at rates from 1/4 to 3/8 lb active ingredient (ester formulations work best) when weeds are small and actively growing. When using 1/4 lb active ingredient of 2,4-D, be sure to add surfactant at the rate of 1/4 to 1/2 quart per 100 gallons of spray solution (0.06 to 0.125% v/v—use the higher rate under stress conditions).

For control in oat, use 0.4 ounce NIMBLE per acre plus 2,4-D. Refer to the **TANK MIXTURES-CEREALS** section of this label for additional details.

Corn gromwell, Wild buckwheat: For control in wheat, barley and triticale, use 0.5 to 0.6 ounce NIMBLE per acre plus surfactant.

For control in oat, use 0.4 ounce NIMBLE per acre plus 2,4-D, MCPA or "Buctril" (refer to **TANK MIXTURES-CEREALS**).

Kochia, Russian thistle, Prickly lettuce: Naturally occurring resistant biotypes of these weeds are known to occur. For best results, use NIMBLE in a tank mix with dicamba (such as "Banvel"/"Banvel" SGF/"Clarity") and 2,4-D; or Bromoxynil (such as "Buctril") and 2,4-D (3/4 -1 pt "Buctril" + 1/4 -3/8 lb active ingredient 2,4-D ester) NIMBLE should be applied in the spring when weeds are less than 2" tall or 2" across and are actively growing. Refer to the **TANK MIXTURES-CEREALS** section of this label for additional details.

Vetch (common and hairy): For control in wheat, barley and triticale, use 0.5 to 0.6 oz of NIMBLE per acre plus surfactant when vetch is less than 6" in length. For severe infestations of vetch, or when vetch is greater than 6" in length, use NIMBLE in combination with 2,4-D or MCPA (refer to the **TANK MIXTURES-CEREALS** section of this label).

For control in oat, use 0.4 ounce NIMBLE per acre plus 2,4-D or MCPA (refer to **TANK MIXTURES-CEREALS**).

Wild garlic: For control in wheat, barley and triticale, use 0.5 to 0.6 oz NIMBLE per acre plus surfactant when wild garlic plants are less than 12" tall with 2" to 4" of new growth. For severe infestations, use the 0.6 ounce per acre rate of NIMBLE. Plants hardened-off by cold weather and/or drought stress may be more difficult to control. Thorough spray coverage of all garlic plants is essential. Typical symptoms of dying garlic plants may not be noticeable for 2 to 5 weeks.

For control in oat, use 0.4 ounce NIMBLE per acre plus 2,4-D or MCPA (refer to **TANK MIXTURES-CEREALS**).

Wild radish: For best results in wheat, barley and triticale, apply 0.4 to 0.6 ounce NIMBLE per acre plus surfactant either in the fall or spring to wild radish rosettes less than 6 inches in diameter. Applications made later than 30 days after weed emergence will result in partial control. For increased control of severe wild radish infestations, or wild radish emerged greater than 30 days, apply NIMBLE at 0.3 ounce per acre in combination with MCPA at 1/4 lb active ingredient per acre. Surfactant is required when tank mixing with MCPA, add 1 quart per 100 gallons of spray solution (0.25% vol/vol). Fall applications should be made prior to hardening off of plants.

For control in oat, use 0.4 ounce NIMBLE per acre plus 2,4-D or MCPA (refer to **TANK MIXTURES-CEREALS**).

TANK MIXTURES-CEREALS

NIMBLE may be tank mixed with other suitable registered herbicides to control weeds listed as suppressed, weeds resistant to NIMBLE or weeds not listed under **WEEDS CONTROLLED**.

NOTE: Read and follow all manufacturers' label recommendations for any companion herbicides, fungicides, and/or insecticides. If those recommendations conflict with this label, do not tank mix that product with NIMBLE. Read and follow all label instructions on timing, precautions, and warnings for any companion products before using these tank mixtures. Follow the most restrictive labeling.

NIMBLE can also be mixed with registered fungicides, insecticides, or liquid fertilizer for use on wheat, barley, triticale, oat, or fallow.

With 2,4-D (amine or ester) or MCPA (amine or ester)

NIMBLE may be tank mixed with the amine and ester formulations of 2,4-D and MCPA herbicides for use on wheat, barley, triticale and oat.

For best results in the Red River Valley and adjacent areas of North Dakota and Minnesota, add the ester formulations of 2,4-D or MCPA herbicides to the tank at 3/8 lb active ingredient (such as 3/4 pint of a 4 lb/gal product, 1/2 pint of a 6 lb/gal product). No additional surfactant is needed with this mixture.

For best results, in other areas, add the ester formulations of 2,4-D or MCPA herbicides to the tank at 1/4 to 3/8 lb active ingredient (such as 1/2-3/4 pint of a 4 lb/gal product, 1/3-1/2 pint of a 6 lb/gal product). Surfactant may be added to the mixture at 1/2 to 1 qt per 100 gal of spray solution (0.125 to 0.25% v/v); however, adding surfactant may increase the potential for crop injury, especially at the higher 2,4-D and MCPA rates.

Higher rates of 2,4-D or MCPA may be used, but do not exceed the highest rate allowed by those respective labels. **READ NOTE** above for general precautions with tank mix products.

With dicamba (such as "Banvel"/"Banvel" SGF/"Clarity")

NIMBLE may be tank mixed with 1/16 to 1/8 lb active ingredient dicamba (such as 2-4 fluid oz "Banvel," 4-8 fluid oz "Banvel" SGF, 2-4 fluid oz "Clarity"). Use the higher rates when weed infestation is heavy. Surfactants may be added to the mixture at 1/2 to 1 qt per 100 gal of spray solution (0.125 to 0.25% v/v); however, adding surfactant may increase the potential for crop injury. Refer to the specific dicamba label for application timing and restrictions. Tank mixes of NIMBLE plus dicamba may result in reduced control of some broadleaf weeds. **READ NOTE** above for general precautions with tank mix products.

With 2,4-D (amine or ester) and "Banvel"/"Clarity"

NIMBLE may be applied in a 3-way tank mix with formulations of dicamba and 2,4-D. Make application of NIMBLE plus 1/16 to 1/8 lb active ingredient dicamba (such as 2-4 fluid ounces "Banvel," 4-8 fluid oz "Banvel" SGF, 2-4 fluid oz "Clarity") plus 1/4 – 3/8 lb active ingredient 2,4-D Ester or Amine per acre. Use higher rates when weed infestation is heavy. Surfactant may be added to the mixture at 1/2 to 1 quart per 100 gal of spray solution (0.125 to 0.25% v/v); however, adding surfactant may increase the potential for crop injury. Consult the specific 2,4-D label, dicamba label, or local recommendations for more information and restrictions. **READ NOTE above for general precautions with tank mix products.**

Apply this three-way combination to winter wheat and winter oat after the crop is tillering and prior to jointing (first node). In Spring Wheat (including Durum) and Spring Oat, apply after the crop is tillering and before it exceeds the 5-leaf stage.

In Spring Barley, apply after the crop is tillering and before it exceeds the 4-leaf stage.

With Bromoxynil (such as "Buctril," "Bronate," "Bronate Advanced," or "Rhino")

NIMBLE may be tank mixed with bromoxynil containing herbicides registered for use on wheat, barley, triticale or fallow. For best results, add bromoxynil containing herbicides to the tank at 3/16 – 3/8 lb active ingredient per acre (such as "Bronate" or "Buctril" at 3/4 - 1 1/2 pt per acre).

READ NOTE above for general precautions with tank mix products. Tank mixes of NIMBLE plus "Buctril" may result in reduced control of Canada thistle.

With "Express" or "Express XP" Herbicide

NIMBLE may be tank mixed with "Express" or "Express" XP based on local recommendations. **READ NOTE above for general precautions with tank mix products.**

With Cheminova ACCURATE® Herbicide or "Ally" or "Ally XP" Herbicide

NIMBLE may be tank mixed with ACCURATE, "Ally" or "Ally" XP based on local recommendations. **READ NOTE above for general precautions with tank mix products.**

With "Starane," "Starane" + "Salvo", "Starane" + "Sword"

For improved control of Kochia (2-4" tall) NIMBLE may be tank mixed with 1/3 to 2/3 pint per acre of "Starane," 2/3 to 1 1/3 pints per acre of "Starane" + "Salvo", or 3/4 to 1 1/2 pints per acre of "Starane" + "Sword."

2,4-D and MCPA herbicides (preferably ester formulations) may be tank mixed with NIMBLE plus "Starane." Consult local recommendations and the **TANK MIXTURES – CEREALS** section of this label for additional information. **READ NOTE above for general precautions with tank mix products.**

With "Aim"

NIMBLE can be tank mixed with "Aim" herbicide for improved control of weeds in wheat, barley and triticale. **READ NOTE above for general precautions with tank mix products.**

With "Stinger" or "Curtail" or "Curtail M" or "Widematch"

NIMBLE can be tank mixed with "Stinger," "Curtail," "Curtail" M or "Widematch" herbicides for improved control of weeds in wheat, barley and triticale. **READ NOTE above for general precautions with tank mix products.**

With Other Broadleaf Herbicides

Tank mixes of NIMBLE plus metribuzin may result in reduced control of wild garlic. **READ NOTE above for general precautions with tank mix products.**

With "Hoelon" Herbicide

NIMBLE may be used in combination with "Hoelon" 3EC and "Buctril" herbicides in accordance with the "Hoelon" 3EC label. For best results, use the three-way tank mix of NIMBLE at 0.4 oz per acre plus "Hoelon" 3EC at 2 2/3 pt per acre plus "Buctril" at 1 1/2 pt per acre. Apply only to winter wheat. This tank mixture should be only used under good soil moisture conditions when wild oat is in the 1 to 4 leaf stage. If conditions are not ideal for the performance of "Hoelon" 3EC, wild oat control may be reduced. Be sure to

follow all warnings and cautions on the "Hoelon" 3EC and "Buctril" labels. **READ NOTE above for general precautions with tank mix products.**

With "Assert" Herbicide or "Avenge" Herbicide

NIMBLE can be tank mixed with "Avenge" or "Assert." When tank mixing NIMBLE with "Assert," always include another broadleaf weed herbicide with a different mode of action (for example: 2,4-D ester, MCPA ester, "Buctril," or "Bronate"). Tank-mixed applications of NIMBLE plus "Assert" may cause temporary crop discoloration, stunting, or injury when heavy rainfall occurs shortly after application. **READ NOTE above for general precautions with tank mix products.**

With "Discover NG"

NIMBLE can be tank mixed with "Discover NG" herbicide for improved control of weeds in spring wheat. **READ NOTE above for general precautions with tank mix products.**

With "Everest"

NIMBLE can be tank mixed with "Everest" herbicide for improved control of weeds in spring wheat. **READ NOTE above for general precautions with tank mix products.**

With "Maverick"

NIMBLE can be tank mixed with "Maverick" herbicide for improved control of weeds in wheat. **READ NOTE above for general precautions with tank mix products.**

With "Puma"

NIMBLE can be tank mixed with "Puma" 1EC for control of some annual grass weeds. This tank mix may also include MCPA ester, bromoxynil or bromoxynil/MCPA, "Starane", or "Starane" + "Sword" for a greater spectrum of broadleaf control – see the "Puma" 1EC label for specific use directions and restrictions on tank mixes. **READ NOTE above for general precautions with tank mix products.**

With other grass control products

Tank mixtures of NIMBLE and grass control products may result in poor grass control. Cheminova recommends that you first consult your state experiment station, university, or extension agent, or Agricultural dealer as to the potential for antagonism before using the mixture. If no information is available, limit the initial use of NIMBLE and the grass product to a small area. **READ NOTE above for general precautions with tank mix products.**

With Insecticides

NIMBLE may be tank mixed or used sequentially with insecticides (or fungicides) registered for use on cereal grains. However, under certain conditions (drought stress, or if the crop is in the 2-4 leaf stage), tank mixes or sequential applications of NIMBLE with organophosphate insecticides may produce temporary crop yellowing or, in severe cases, crop injury. Test these mixtures in a small area before treating large areas.

READ NOTE above for general precautions with tank mix products.

Do not use NIMBLE plus malathion, as crop injury will result.

With Liquid Nitrogen Solution Fertilizer

Liquid nitrogen fertilizer solutions may be used as a carrier in place of water. Run a tank mix compatibility test before mixing NIMBLE in fertilizer solution. NIMBLE must first be slurried with water and then added to liquid nitrogen solutions (e.g., 28-0-0, 32-0-0). Ensure that the agitator is running while NIMBLE is added. Use of this mixture may result in temporary crop yellowing and stunting.

If using low rates of liquid nitrogen fertilizer in the spray solution (less than 50% of the spray solution volume), the addition of surfactant is necessary. Add surfactant at 1/4 qt – 1 qt per 100 gal of spray solution (0.06-0.25% v/v) based on local recommendations.

When using high rates of liquid nitrogen fertilizer in the spray solution, adding surfactant increases the risk of crop injury. Consult your agricultural dealer, consultant, or field advisor for a specific recommendation before adding an adjuvant to these tank mixes.

If 2,4-D or MCPA is included with NIMBLE and fertilizer mixture, ester formulations tend to be more compatible (see manufacturer's label). Additional surfactant may not be needed when using NIMBLE in tank mix with 2,4-D ester or MCPA ester and liquid nitrogen fertilizer solutions.

NOTE: In certain areas east of the Mississippi river unacceptable crop response may occur with use of straight or dilute nitrogen fertilizer carrier solutions where cold temperatures or widely fluctuating day/night temperatures exist. In these areas consult your agricultural dealer, consultant, or field advisor for a specific recommendation before using nitrogen fertilizer carrier solutions.

Liquid nitrogen fertilizer solutions that contain sulfur can increase crop response.

Do not use low rates of liquid fertilizer as a substitute for a surfactant.

Do not use with liquid fertilizer solutions with a pH less than 3.0.

Read and follow all manufacturers' label recommendations for the companion herbicide. If those recommendations conflict with this label, do not tank mix the herbicide with NIMBLE.

SPRINKLER CHEMIGATION WITH NIMBLE AND BRONATE FOR POSTEMERGENCE WEED CONTROL IN WINTER & SPRING WHEAT & SPRING BARLEY IN IDAHO

HOW TO USE

Use 0.4 to 0.5 oz. NIMBLE per acre in combination with 3/4 to 1 1/2 pint "Bronate" per acre. Apply to wheat, barley and triticale after the 3-leaf stage but before the flag leaf is visible. Make only one chemigation application of this tank mixture per crop year.

For best results, apply to broadleaf weeds up to the 4-leaf stage, or 2 inches in height or 1 inch in diameter, whichever comes first. Consult NIMBLE and "Bronate" package labels for list of weeds controlled/suppressed.

Sprinkler Irrigation Application

Apply this tank mix through sprinkler irrigation systems including center pivot, lateral move, side (wheel) roll, solid set or hand move irrigation systems only. Do not apply these herbicides through any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, you should contact a State Extension Service specialist, equipment manufacturers or other experts. **Do not connect an irrigation system (including greenhouse systems) used for NIMBLE application to any public water system.** A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

The sprinkler chemigation system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock. Do not apply when wind speed favors drift beyond the area intended for treatment.

Specific Requirements For Application Through Sprinkler Irrigation Systems

1. In center pivot and continuous lateral move systems, NIMBLE + "Bronate" should be applied continuously for the duration of the water application. In solid set systems, application of the tank mix should be made during the last 30 to 45 minutes of the irrigation set.
2. Set the sprinkler system to deliver approximately 0.5 inch or less of water per acre for best product performance.
3. Fill the supply tank with half of the water amount desired, add the NIMBLE and agitate it well. Add the "Bronate" and then the remaining water amount with agitation. "Bronate" requires a dilution with at least 4 parts water to 1 part "Bronate".
4. Agitation is recommended in the pesticide supply tank when applying this tank mix.
5. The use of a surfactant is not recommended with this tank mix application.
6. Inject the NIMBLE + "Bronate" solution at least 8 feet ahead of a right angle turn of irrigation pipe to insure adequate mixing. Allow sufficient time for the herbicide mixture to be flushed through the lines before turning off irrigation water.
7. Follow both NIMBLE and "Bronate" label instructions for spray tank cleanout both before and after application. Flush lines with clean water following application.
8. Do not apply when wind speed favors drift beyond the area intended for treatment. Avoiding spray drift is the responsibility of the applicator.

MIXING INSTRUCTIONS

1. Fill the tank 1/4 to 1/3 full of water.
2. While agitating, add the required amount of NIMBLE.
3. Continue agitation until the NIMBLE is fully dispersed, at least 5 minutes,
4. Once NIMBLE is fully dispersed, maintain agitation and continue filling tank with water. NIMBLE should be thoroughly mixed with water before adding any other material.
5. As the tank is filling, add tank mix partners (if desired) then add the required volume of nonionic surfactant. Always add surfactant last. Do not use with spray additives that alter the pH of the spray solution below pH 5.0 or above pH 9.0, as rapid product degradation can occur. Spray solutions of pH 6.0-8.0 allow for optimum stability of NIMBLE.
6. If the mixture is not continuously agitated, settling will occur. If settling occurs, thoroughly re-agitate before using.
7. Apply NIMBLE spray mixture within 24 hours of mixing to avoid product degradation.
8. If NIMBLE and a tank mix partner are to be applied in multiple loads, pre-slurry the NIMBLE in clean water prior to adding to the tank. This will prevent the tank mix partner from interfering with the dissolution of the NIMBLE.

PRODUCT MEASUREMENT

NIMBLE is measured using the NIMBLE volumetric measuring cylinder. The degree of accuracy of this cylinder varies by $\pm 7.5\%$. For more precise measurement, use scales calibrated in ounces.

CROP ROTATION

Wheat (including durum), Barley, Triticale and Oat may be replanted anytime after the application of NIMBLE.

Cotton can be planted 14 days after the application of NIMBLE. Sugarbeets, Winter Rape, and Canola can be planted 60 days after application of NIMBLE. Any other crop (such as corn, rice, grain sorghum or soybeans) may be planted 45 days after the application of NIMBLE.

SURFACTANTS

Unless otherwise specified, add a nonionic surfactant having at least 80% active ingredient at 1 to 2 qt per 100 gal of spray solution (0.25 to 0.5% v/v – refer to **TANK MIXTURES** for specific adjuvant recommendations with NIMBLE is used in a tank mix).

For pre-plant burndown in cotton, include a nonionic surfactant, petroleum based crop oil concentrate, or a vegetable seed based oil product (methylated seed oils are considered a vegetable seed based oil). If another herbicide is tank mixed with NIMBLE to increase the broadleaf weed spectrum, select adjuvants based on the adjuvant limitations of the companion herbicide.

Consult your agricultural dealer or applicator for a listing of recommended surfactants. Antifoaming agents may be used if needed.

Do not use low rates of liquid nitrogen fertilizer solution as a substitute for surfactant.

GROUND APPLICATION

For optimum spray distribution and thorough coverage, use flat-fan or low-volume flood nozzles.

For flat-fan nozzles, use a spray volume of at least 5 gal per acre (GPA).

For flood nozzles on 30" spacings, use at least 10 GPA, flood nozzles no larger than TK10 (or the equivalent), and a pressure of at least 30 psi. For 40" nozzle spacings, use at least 13 GPA; for 60" spacings use at least 20 GPA. It is essential to overlap the nozzles 100% for all spacings.

Raindrop "RA" nozzles are not recommended for NIMBLE applications, as weed control performance may be reduced.

Use screens that are 50-mesh or larger.

AERIAL APPLICATION

Use nozzle types and arrangements that provide optimum spray distribution and maximum coverage at 2 to 5 GPA. Use at least 3 GPA in Idaho, Oregon, or Utah.

Do not apply NIMBLE by air in the state of New York.

See the **Spray Drift Management** section of this label.

GRAZING

Do not graze livestock in treated areas. In addition, do not feed forage or hay from treated areas to livestock (harvested straw may be used for bedding and/or feed).

SPRAY EQUIPMENT

For specific application equipment, refer to the manufacturer's recommendations for additional information on GPA, pressure, speed, nozzle types and arrangements, nozzle heights above the target canopy, etc.

Be sure to calibrate air to ground equipment properly before application. Select a spray volume and delivery system that will ensure thorough coverage and a uniform spray pattern with minimum drift. Use higher spray volumes to obtain better coverage when crop canopy is dense. Avoid swath overlapping, and shut off spray booms while starting, turning, slowing, or stopping, to avoid injury to the crop.

Do not make applications using equipment and/or spray volumes or during weather conditions that might

cause spray to drift onto nontarget sites. For additional information on spray drift refer to the Spray Drift Management section of this label. Continuous agitation is required to keep NIMBLE in suspension.

Sprayer Cleanup

The spray equipment must be cleaned before NIMBLE is sprayed. Follow the cleanup procedures specified on the labels of the previously applied products. If no directions are provided, follow the six steps outlined in the AFTER SPRAYING NIMBLE section of this label.

At the End of the Day

It is recommended that during periods when multiple loads of NIMBLE are applied, at the end of each day of spraying the interior of the tank be rinsed with fresh water and then partially filled, and the boom and hoses flushed. This will prevent the buildup of dried pesticide deposits which can accumulate in the application equipment.

After Spraying NIMBLE and Before Spraying Crops Other Than Wheat, Barley, Triticale and Oat

To avoid subsequent injury to desirable crops, thoroughly clean all mixing and spray equipment immediately following applications of NIMBLE as follows:

1. Drain tank; thoroughly rinse spray tanks, boom, and hoses with clean water. Loosen and physically remove any visible deposits.
2. Fill the tank with clean water and 1 gal of household ammonia* (contains 3% active ingredient) for every 100 gal of water. Flush the hoses, boom, and nozzles with the cleaning solution. Then add more water to completely fill the tank. Circulate the cleaning solution through the tank and hoses for at least 15 min. Flush the hoses, boom, and nozzles again with the cleaning solution, and then drain the tank.
3. Remove the nozzles and screens and clean separately in a bucket containing cleaning agent and water.
4. Repeat step 2.
5. Rinse the tank, boom, and hoses with clean water.
6. If only ammonia is used as a cleaner, the rinsate solution may be applied back to the crop(s) recommended on this label. Do not exceed the maximum label use rate. If other cleaners are used, consult the cleaner label for rinsate disposal instructions. If no instructions are given, dispose of the rinsate on site or at an approved waste disposal facility.

* Equivalent amounts of an alternate-strength ammonia solution can be used in the cleanout procedure. Carefully read and follow the individual cleaner instructions. Consult your Ag dealer or applicator for a listing of approved cleaners.

Notes:

1. **CAUTION:** Do not use chlorine bleach with ammonia because dangerous gases will form. Do not clean equipment in an enclosed area.
2. Steam-cleaning aerial spray tanks is recommended prior to performing the above cleanout procedure to facilitate the removal of any caked deposits.
3. When NIMBLE is tank mixed with other pesticides, all cleanout procedures for each product should be examined and the most rigorous procedure should be followed.
4. In addition to this cleanout procedure, all precleanout guidelines on subsequently applied products should be followed as per the individual product labels.
5. Where routine spraying practices include shared equipment frequently being switched between

18/21

applications of NIMBLE and applications of other pesticides to NIMBLE sensitive crops during the same spray season, it is recommended that a sprayer be dedicated to NIMBLE to further reduce the chance of crop injury.

SPRAY DRIFT MANAGEMENT

The interaction of many equipment and weather-related factors determines the potential for spray drift. The applicator is responsible for considering all these factors when making application decisions.

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

Importance of Droplet Size

The most effective way to reduce drift potential is to apply large droplets (>150-200 microns). The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. The presence of sensitive species nearby, the environmental conditions, and pest pressure may affect how an applicator balances drift control and coverage. **APPLYING LARGER DROPLETS REDUCES DRIFT POTENTIAL, BUT WILL NOT PREVENT DRIFT IF APPLICATIONS ARE MADE IMPROPERLY OR UNDER UNFAVORABLE ENVIRONMENTAL CONDITIONS! See Wind, Temperature and Humidity, and Temperature Inversions sections of this label.**

Controlling Droplet Size – General Techniques

- **Volume** – use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- **Pressure** - Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. **WHEN HIGHER FLOW RATES ARE NEEDED, USE A HIGHER-CAPACITY NOZZLE INSTEAD OF INCREASING PRESSURE.**
- **Nozzle Type** – Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles.

Controlling Droplet Size – Aircraft

- **Number of Nozzles** – Use the minimum number of nozzles with the highest flow rate that provide uniform coverage.
- **Nozzle Orientation** – Orienting nozzles so that the spray is emitted backwards, parallel to the airstream will produce larger droplets than other orientations.
- **Nozzle Type** – Solid stream nozzles (such as disc and core with swirl plate removed) oriented straight back produce larger droplets than other nozzle types.
- **Boom Length** – The boom length should not exceed 3/4 of the wing or rotor length – longer booms increase drift potential.
- **Application Height** – Application more than 10 ft above the canopy increases the potential for spray drift.

Boom Height

Setting the boom at the lowest referenced height (if specified) which provides uniform coverage reduces the exposure of droplets to evaporation and wind. For ground equipment, the boom should remain level with the crop and have minimal bounce.

Wind

Drift potential increases at wind speeds of less than 3 mph (due to inversion potential) or more than 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given wind speed. **AVOID APPLICATIONS DURING GUSTY OR WINDLESS CONDITIONS.**

Note: Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns

and how they affect spray drift.

Temperature and Humidity

When making applications in hot and dry conditions, set up equipment to produce larger droplets to reduce effects of evaporation.

Temperature Inversions

Drift potential is high during a temperature inversion. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain close to the ground and move laterally in a concentrated cloud. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

Shielded Sprayers

Shielding the boom or individual nozzles can reduce the effects of wind. However, it is the responsibility of the applicator to verify that the shields are preventing drift and not interfering with uniform deposition of the product.

Air Assisted (Air Blast)

Field Crop Sprayers

Air assisted field crop sprayers carry droplets to the target via a downward directed air stream. Some may reduce the potential for drift, but if a sprayer is unsuitable for the application and/or set up improperly, high drift potential can result. It is the responsibility of the applicator to determine that a sprayer is suitable for the intended application, is configured properly, and that drift is not occurring. **Note:** Air assisted field sprayers can affect product performance by affecting spray coverage and canopy penetration. Consult the SPRAY EQUIPMENT section of this label to determine if use of an air assist sprayer is recommended.

RESISTANCE

When herbicides that affect the same biological site of action are used repeatedly over several years to control the same weed species in the same field, naturally-occurring resistant biotypes may survive a correctly applied herbicide treatment, propagate, and become dominant in that field. Adequate control of these resistant weed biotypes cannot be expected. If weed control is unsatisfactory, it may be necessary to retreat the problem area using a product affecting a different site of action.

To better manage herbicide resistance through delaying the proliferation and possible dominance of herbicide resistance weed biotypes, it may be necessary to change cultural practices within and between crop seasons such as using a combination of tillage, retreatment, tank-mix partners and/or sequential herbicide applications that have a different site of action. Weed escapes that are allowed to go to seed will promote the spread of resistant biotypes. See the Weeds Controlled section of this label for additional information on managing herbicide resistant weed biotypes.

It is advisable to keep accurate records of pesticides applied to individual fields to help obtain information on the spread and dispersal of resistant biotypes. Consult your agricultural dealer, consultant, applicator, and/or appropriate state agricultural extension service representatives for specific alternative cultural practices or herbicide recommendations available in your area.

Naturally occurring weed biotypes that are resistant to Cheminova's ACCURATE® herbicide, "Ally" herbicide, "Express" herbicide, "Finesse" herbicide or "Glean" FC herbicide will also be resistant to NIMBLE.

INTEGRATED PEST MANAGEMENT

This product may be used as part of an Integrated Pest Management (IPM) program that can include biological, cultural, and genetic practices aimed at preventing economic pest damage. IPM principles and practices include field scouting or other detection methods, correct target pest identification, population monitoring, and treating when target pest populations reach locally determined action thresholds. Consult

your state cooperative extension service, professional consultants or other qualified authorities to determine appropriate action treatment threshold levels for treating specific pest/crop systems in your area.

PRECAUTIONS

Injury to or loss of adjacent sensitive crops, desirable trees or vegetation may result from failure to observe the following:

- Do not apply, drain or flush equipment on or near desirable trees or other plants or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots.
- Do not use on lawns, walks, driveways, tennis courts, or similar areas. Prevent drift of spray to desirable plants.
- Take all necessary precautions to avoid all direct or indirect contact (such as spray drift) with non-target plants or areas.
- Carefully observe all sprayer cleanup instructions both prior to and after using this product, as spray tank residue may damage crops other than wheat, barley, oat, or triticale.

NIMBLE is only registered on wheat, barley, oat, triticale and fallow. Do not use on any other crop.

The total rate of NIMBLE for wheat (including durum), barley and triticale cannot exceed 1.0 ounce product per acre applied to any one crop during one growing season.

The total rate of NIMBLE for oat (spring and winter) cannot exceed 0.4 ounces product per acre applied to any one crop during one growing season.

Varieties of wheat (including durum), barley and triticale may differ in their response to various herbicides. Cheminova recommends that you first consult your state experiment station, university, or extension agent as to sensitivity to any herbicide. If no information is available, limit the initial use to a small area.

Under certain conditions such as heavy rainfall, prolonged cold weather, or wide fluctuations in day/night temperatures prior to or soon after NIMBLE application, temporary discoloration and/or crop injury may occur. To reduce the potential of crop injury, tank mix NIMBLE with 2,4-D (ester formulations perform best; See **TANK MIXTURES-CEREALS**) and apply after the crop is in the tillering stage of growth.

NIMBLE should not be applied to wheat, barley, triticale or oat that is stressed by severe weather conditions, drought, low fertility, water-saturated soil, disease, or insect damage, as crop injury may result. Risk of injury is greatest when crop is in the 2 to 5-leaf stage. Severe winter stress, drought, disease, or insect damage following application may result in crop injury.

Do not apply to wheat, barley, triticale or oat crops underseeded with another crop.

Dry, dusty field conditions may result in reduced control in wheel tract areas.

Do not harvest sooner than 45 days after the last application of NIMBLE.

21/
21

NOTICE TO BUYER: Purchase of this material does not confer any rights under patents of countries outside of the United States.

GLYFOS and NIMBLE are trademarks or registered trademarks of Cheminova

Harmony, Express, Ally, Finesse, and Glean are trademarks or registered trademarks of DuPont or its affiliates

"Fallow Master," "Landmaster II," "Maverick," and "Roundup" are registered trademarks of Monsanto

"Assert" and "Banvel" are registered trademarks of MicroFlo Company LLC

"Clarity" is a registered trademarks of BASF Corporation

"Hoelon," "Puma," "Bronate" and "Buctril" are registered trademarks of Bayer Crop Science

"Curtail," "Curtail M," "Starane," "Stinger," and "Widematch" are registered trademarks of Dow AgroSciences

"Salvo," and "Sword" are registered trademarks of United Agri Products

"Aim" is a registered trademark of FMC Corporation

"Everest" is a registered trademark of Arysta Lifescience North America Corporation

"Discover" is a registered trademark of Syngenta Crop Protection Inc.

"Avenge" is a registered trademark of Amvac Chemical Corporation

"Raindrop RA" is a registered trademark of Delavan

"Rhino" is a registered trademark of McGregor Company

WARRANTY DISCLAIMER

Cheminova warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, CHEMINOVA MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

INHERENT RISKS OF USE

It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Cheminova or the Seller. All such risks shall be assumed by Buyer and User. Buyer and User agree to hold Cheminova and the Seller harmless for any claims related to such factors.

LIMITATION OF REMEDIES

To the extent consistent with applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to one of the following, at Cheminova's election:

(1) Refund of purchase price paid by buyer or user for product bought, or

(2) Replacement of amount of product used.

In no case shall Cheminova be liable for consequential, incidental, or special damages or losses.

The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Cheminova or the Seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

6-9-08