2026 GUIDE TO CROP PROTECTION

For the chemical management of weeds, plant diseases and insects

This publication is only a guide intended for the use of Saskatchewan growers. Always refer to the product label for application details and precautions. If information in this publication conflicts with the label, use the label directions.

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Introduction

How to Use This Book

This publication is only a guide. Always refer to the product label for application details and precautions. If the information in this publication differs from the label information, follow label instructions.

The *Guide to Crop Protection* is divided into five chapters: (1) Introduction; (2) Weed Control; (3) Foliar Fungicides; (4) Seed Treatments; and (5) Insect Control.

To use the information in each of these sections, use the following process:

1. Turn to the charts at the beginning of each section. There is a set of charts for weeds, plant diseases and insect control. Select the chart for the crop you want or plan to grow. Use the chart to match your weed, disease or insect problems with the products available for that crop.
2. Once you have narrowed your product choices down to a few candidates, go to the recommendation section for that product. Products are listed alphabetically. Read the recommendations thoroughly for each product you are considering.
3. Read the product label attached to the container for detailed instructions on application.

This publication is intended to be used as a guide only. Information contained herein is that available at the time of printing.

While every effort has been made to ensure accuracy, the provincial government does not accept responsibility for label changes. When more than one trade name is listed, not all weeds or tank mixes may appear on all labels. Consult product labels attached to pesticide containers for final detailed instructions.

Certain recommendations in this publication are given in quantity of commercial product per acre (mL, L, g or kg/acre). Product labels are given in quantity of product per hectare (mL, L, g or kg/ha). To avoid application errors be sure to read and understand label recommendations.

The *Guide to Crop Protection* includes the most recent recommendations for weed, plant disease and insect control in field and forage crops. These recommendations are based on the uses registered under the Pest Management Regulatory Agency's *Pest Control Products Act*. It is an offence under *The Pest Control Products Act* to apply any chemical in a manner not consistent with the product label. If you have any doubts regarding the instructions in this publication, or on the product label, contact the company representative, your local agricultural office or the Pest Management Regulatory Agency for further advice.

Product Labels and PCP Numbers

On each Product Page you will see a Registration or PCP number, so named because it is mandated by the *Pest Control Products Act*. Under the Act, every pesticide requires a unique identifier – the product's Registration or PCP number. That number must also appear on the product's label.

The pesticide label packaged with the product is the authoritative source of information on use of the product and will contain more detailed information than is included in this Guide. Some products have a number of trade names for the same active ingredient. However, each product will have its own Registration (PCP) number and these appear next to the registrants' names. Users who are seeking more detailed information than is provided in this guide, prior to purchase, can use the Registration (PCP) number to access a sample product label online through the Pest Management Regulatory Agency's (PMRA) website or they can contact the PMRA Hotline by phone at 1-800-267-6315.

Visit **http://pr-rp.hc-sc.gc.ca/ls-re/index-eng.php** to access the Electronic Label Search Tool. The PMRA Product Information database can be searched by a product's trade name, active ingredient, company name or Registration (PCP) number. Since several products can contain the same active ingredient and there are often several versions of the same or similar labels on this database, using the PCP number is the most direct route to finding the label that links to the product page in this Guide. ***There may be some differences between a label found on the package and the sample labels found on the PMRA-Label Search web site so always refer to the packaged product label when applying the product.***

Once the product is located, you may click on its number to view an Adobe Acrobat (PDF) document containing the label and any supplemental registrations. Some of these documents run to many pages but you can use the 'Find' capabilities of the Acrobat Reader plug-in for your browser to jump to specific areas of interest. If you do not have Adobe Acrobat Reader installed on your computer, you can download a free version from **www.adobe.com**.

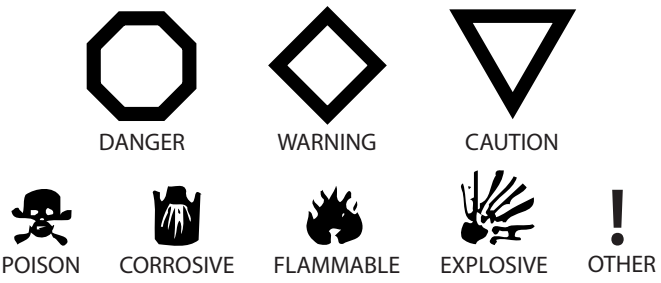
Safe Use of Herbicides, Fungicides and Insecticides

Herbicides, fungicides and insecticides are classified according to the use hazard and risk involved. The categories of hazard are:

- toxicity
- flammability
- explosive potential
- corrosivity
- other

The degree of risk is represented by symbols taken from common traffic sign shapes represented by the stop, caution and yield signs. The signal word for each of the signs is danger (high risk), warning (moderate risk) and caution (low risk). Where the risk is minimal, no designation is required. The label on the container will carry the appropriate signs for the protection of the user. Degree of risk symbols for herbicides, insecticides and fungicides used in field and forage crops are included in the product directory. The symbols are illustrated in Figure 1.

Figure 1. Degree of Risk and Hazard Symbols



LD_{50} values are used to rate the toxicity of pesticides. The LD_{50} refers to the dose of pesticide (in mg per kg of the test animal's body weight) that is lethal to 50 percent of the group of test animals. For example, if a pesticide has an LD_{50} value of 10 mg per kg, and the test animals each weigh 1 kg, then 50 percent of the animals would die if they each ate 10 mg of the pesticide.

Table 2. Oral LD_{50} Values as they relate to the Risk/Hazard Symbols

DANGER POISON
LD_{50} less than 500 mg per kg
Indicates high toxicity

WARNING POISON
LD_{50} 500 to 1000 mg per kg
Indicates moderate toxicity

CAUTION POISON
LD_{50} 1000 to 2500 mg/kg
Indicates low toxicity

SYMBOL ABSENT
LD_{50} greater than 2500 mg per kg
Indicates very low toxicity

Different types of protective equipment are required for pesticides that differ in toxicity. Special equipment requirements are described on the product label, but in general the following precautions must be taken when using pesticides of different hazard ratings.

- **Danger Poison** – requires goggles, respirator, gloves and skin protection, avoid fumes and spray mist.
- **Warning Poison** – requires goggles, gloves and skin protection, avoid fumes and spray mist.
- **Caution Poison** – requires gloves and skin protection, avoid fumes and spray mist.

The absence of a hazard symbol on a pesticide label indicates low toxicity to mammals. Nevertheless, protective clothing should be worn when using pesticides that do not have a hazard symbol.

Protecting Yourself from Exposure to Herbicides, Fungicides and Insecticides

The use of protective equipment and sound safety procedures will help minimize your exposure to herbicides, fungicides and insecticides. Follow the 10 rules for safe application listed below, and wear the safety equipment recommended.

10 Rules for Safe Application

1. Never smoke or eat while applying pesticides.
2. Avoid inhaling sprays or dusts. Wear protective clothing and a respirator.
3. Sprayer lines carrying chemicals should not enter the operator's cab.
4. Have soap, water and a towel available. Should concentrated product spill on skin, hands, face or eyes, wash immediately.
5. Wash hands and face when leaving the treated area, before break periods, lunch or urination.
6. Bathe or shower and change into clean clothing after working with pesticides. Wash clothing each day before re-use.
7. Call a physician or get the patient to a hospital immediately if symptoms of illness occur during or shortly after pesticide application. Be sure to take along the product label or container.
8. Store pesticides out of reach of children and where there is no chance of contact with human food or livestock feeds. Do not store herbicides with insecticides and avoid cross-contamination. Storage areas should be locked.
9. Keep chemicals in their original containers, never in unmarked containers or bottles used for food or drink.
10. Follow proper container disposal methods. All containers should be triple rinsed or pressure rinsed, punctured to render the container non-reusable, and delivered to designated disposal sites.

Protective Clothing

Wear protective equipment as described in the chart to reduce exposure.

EQUIPMENT	PROTECTION	HOW TO WEAR IT
Coveralls	There are two types of coveralls: disposable and reusable. Disposable coveralls are lightweight and comfortable on warm days. They can be worn for mixing and applying pesticides, then discarded at the day's end. If they become contaminated, they should be discarded at once. The second type of coverall is made of washable fabric and may be reused many times. These fabric coveralls are adequate for use with all but the most highly toxic and concentrated pesticides.	Button (or zip) right up to the neck. Loose coveralls around the neck will suck and blow pesticide in and out of the interior of the coveralls as you bend and move. Wear coveralls over a long-sleeved shirt and pants.

EQUIPMENT	PROTECTION	HOW TO WEAR IT
Aprons	When pouring or otherwise handling concentrated pesticides, it makes good sense to wear protection in the form of an apron. The apron protects the front of your body from spills or splashes of the concentrate. The apron should be made of rubber or synthetic liquid-proof material that will resist the solvents.	Make sure the apron covers your body from your chest to your boots.
Gloves	Protect your hands by wearing chemical-resistant gloves. Neoprene gloves provide the best protection. Natural rubber gloves may be used when handling organo-phosphorus or carbamate pesticides. Be sure that they are designed for use with solvents and pesticides. Never use lined gloves, gloves with wristbands or leather gloves.	Put gloves on and roll up the first inch or two of the cuff. That way when you lift your hands, any liquid on the gloves won't drip down your arms.
Hats	Use a chemical-resistant hat, preferably made of washable plastic. The hat may be a hard hat or made of flexible plastic. In either case, it should have a plastic sweatband. Wash and dry entire hat after each use and before storing. Ordinary baseball caps with cloth sweatbands are dangerous as they absorb the pesticide and recontaminate the forehead each time you wear them. Even small amounts of moderately or slightly toxic pesticides may cause severe skin irritation or other illness if exposure continues for several days.	
Boots	Wear chemical-resistant, unlined boots. These boots are available in a variety of styles and materials. Neoprene boots are the best. Knee-length boots offer greater protection because they extend above the lower end of the apron. Avoid leather or fabric boots and shoes because these will absorb pesticides and cannot be cleaned effectively.	Wear your pant legs outside the top of your boots. This will prevent spills and splashes from running into the boot and onto your leg.

Protecting Your Eyes, Face and Lungs

Wear the following equipment to protect your facial area from exposure.

EQUIPMENT	PROTECTION	HOW TO WEAR IT
Goggles	Chemical-resistant goggles keep your eyes safe from both splashing and, if using dry formulations, dusts or granules. Don't use goggles with cloth or elastic headbands as these will absorb pesticides.	Wear goggles snugly on your face so that the sides of your head are protected from splashes. If you wear glasses, make sure you purchase goggles that fit snugly over them. Never wear contact lenses when working around pesticides.
Respirators	Only NIOSH-approved respirators should be used. Do not exchange parts of different respirators. (For example, do not use a cartridge produced by Company "A" with a respirator produced by Company "B" as the combination may not provide adequate protection to the user). Dust masks are ineffective in protecting against herbicide vapours. Similarly, the filters on tractor cabs are intended to remove dust and are not designed to protect against herbicide vapours or mists. Chemical cartridge respirators are recommended for outdoor use when mixing and applying herbicides.	When carrying out operations, change filters each day. The cartridge should be replaced when chemical odour becomes apparent or when breathing becomes difficult. New cartridges should always be installed at the beginning of the spray season. Prior to commencing work, check the face seal while the respirator is on the wearer's face. Regardless of design, respirators cannot be worn securely by people wearing beards, moustaches or sideburns.
Face Shields	Goggles offer some protection, but frequently full-face protection is advised or required according to the pesticide label. It is especially important to protect your eyes and face when pouring or mixing liquid concentrates. Effective face shields are made of clear plastic.	Since the shield attaches to the hard hat, you can raise or lower it as needed.

Understanding Maximum Residue Limit Statements in the Guide

To ensure the safety of Canadian food, maximum residue limits (MRLs) set the maximum allowable amount of a pesticide residue on a crop or in a processed crop product (e.g. oil or flour). Residue levels are typically assessed for pesticides registered on crops grown for food. MRLs even exist on imported food for pesticides or pesticide uses not registered in Canada.

Health Canada's Pest Management Regulatory Agency (PMRA) is responsible for setting MRLs in Canada. Similarly, importing countries set their own MRLs (also referred to as 'import tolerances') that Canadian crop exports are subject to. Trade issues between importing and exporting countries can arise due to variability in MRLs or a lack of established MRLs.

Crop pesticide uses that may contribute to trade irritations have been flagged on product pages in the Guide to Crop Protection with the statement: **'Note: As of January 1, 2025 http://keepitclean.ca indicates that the use of this product on certain crop type may have market access concerns. Please see pg 13 for more information AND consult potential grain buyer(s) before using this product'.** Manitoba Agriculture and Saskatchewan Ministry of Agriculture have included such statements on products uses with known or potential MRL issues. However, this may not be a complete list of product uses with potential trade issues.

Producers can follow these practices to help prevent exceeding MRLs:

- Read and follow product labels, especially with respect to registered crops, maximum application rates, maximum number of applications per season, crop stage and pre-harvest intervals.
- Talk to your commodity buyer before applying a pesticide, especially for new pesticide chemistries, new products and products registered on new crops.

More information on MRLs and 'flagged' products is available at **http://keepingitclean.ca/**.

Avoiding Spray Drift

To minimize the risk of drift, follow these guidelines:

1. Do not spray in winds above 16 km per hour (10 miles per hour).
2. Do not spray under dead calm conditions in early morning, night, or late evening. These are often associated with temperature inversions, and the combination of these factors can result in long-distance spray drift (2 km or more). Fog or dust that seems to hang in the air is a good indicator of an inversion.
3. Avoid nozzle pressures above 45 psi (310 kPa) for conventional flat fan tips.
4. Use a minimum of 45 L per acre water for all pesticides unless otherwise specified for the product.
5. Take note of buffer zones identified in the "Restrictions" section of this guide. Do not spray when the wind is blowing towards a nearby sensitive crop, shelterbelt, garden, or water body.
6. Use amine formulations of 2,4-D or MCPA where possible. Use special care when applying volatile herbicides (most herbicides in Group 3 and Group 4, particularly ester formulations). Avoid spraying these products on or immediately before hot days.
7. Ensure that air flow from air assisted sprayers is properly set to minimize airblast rebound and drift for different crop canopies.
8. Operate nozzles at their minimum recommended height. For 80° tips, this is 18" (45 cm), and for 110° tips, this is 12" (35 cm). Orienting nozzles forward allows further height reductions.
9. Special nozzles are now available that create coarse, low-drift sprays. Pre-orifice, Turbo-TeeJet, or venturi-type nozzles are available from a number of manufacturers, and these reduce drift by 50 to 95 percent. (Refer to the section entitled **Herbicide Efficacy with Low-Drift Nozzles**).
10. Consider equipping your sprayer with protective shrouds. A number of different designs are available that can reduce drift between 35 and 75 percent.
11. Reduce travel speeds. Rapid air movement over nozzle tips increases the risk of fine droplets prone to drift and turbulence from the sprayer itself can increase the uncertainty of spray deposition.

For more on reducing drift, visit: **www.Sprayers101.com**.

Herbicide Efficacy with Low-drift Nozzles

A number of low-drift nozzles are now available from different suppliers. Well established nozzles, such as the Turbo TeeJet, reduce drift by about 50 percent and provide equivalent efficacy to a standard flat fan nozzle. Newer nozzles ("venturi" types) are best known for their dramatic ability to reduce drift (50 to 95 percent). Research suggests that these nozzles perform well at conventional carrier volumes, travel speeds, and product rates. Some aspects require special attention:

Pressure: Some venturi-type nozzles require higher pressures to operate properly. Below 40 psi (275 kPa), patterns for these designs may deteriorate rapidly resulting in poor overlaps and erratic control. Design improvements have resulted in venturi nozzles that require less pressure to operate effectively. When using automatic rate controllers, make sure your pressures match the recommended pressure ranges for good nozzle performance.

Water Volume: Droplet size becomes more important at lower water volumes. Little is known about low-drift nozzle performance at or below 5 gallons per acre (23 L per acre). Since low-drift nozzles generate fewer droplets than conventional nozzles, ensure that water volumes are high enough for coverage when using coarse sprays.

Weed Type: Difficult-to-wet weeds, such as wild oats, green foxtail, lamb's-quarters, and cleavers, typically require finer sprays for effective coverage. When using venturi nozzles on these weeds, make sure your pressure is high enough to achieve good coverage. Larger weeds and reduced product rates typically make chemical control more difficult, and these conditions may also reveal some performance differences between nozzles.

Herbicide Type: Herbicides that belong to herbicide Groups 2, 4, and 9 perform well with venturi nozzles, even at normal pressures (40 psi). Application of herbicides in Groups 1, 6, 8, 10 and 14 may require higher pressures with venturi nozzles to maintain good performance, especially under challenging conditions. Wild oat control may be reduced with the coarsest sprays, even when applied at high pressure.

Check with your chemical representative to see if the manufacturer supports the use of low-drift nozzles with their products.

More information is available in the fact sheet "Pesticide Application and Choosing the Right Nozzles," available from your local extension office or at the Saskatchewan Ministry of Agriculture Website: **Saskatchewan.ca/agriculture**.

Handling a Drift Complaint

When spray drift occurs, it is important to take the right steps to resolve the complaint. If you suspect that your crop or property has been damaged because of spray drift, use the following guidelines for resolving the situation.

1. Contact the suspected applicator as soon as possible. View the damage with the suspected applicator and determine if that person did, in fact, cause the damage.
2. Are you sure that the symptoms or damage you see has been caused by spray drift? Contact your local agriculture office or agronomist to discuss the injury symptoms.
3. If the damage was caused by the applicator, determine the extent of the damage and the level of compensation (if any) with the applicator.
4. If the situation cannot be resolved quickly because of disagreements on the extent of damage, cause of the damage, or level of compensation, contact your local agricultural office to discuss options on how to proceed. Documentation will be required, particularly if insurance companies are involved.
5. The involvement of a private consultant is recommended if documentation is required. Required documentation often includes samples of the damaged plants, photographs, and yield comparisons to determine losses. Your agricultural office can provide you with a list of private consultants in your area.
6. The best approach is to start an open and honest line of communication with the suspected applicator. The majority of drift complaints are resolved quickly and efficiently by communicating with the applicator, without the involvement of outside parties.

Mixing Pesticides

The ability to control a broad range of weeds or other pests in one pass is the advantage that a mix of two or more products allows. The mixing of pesticides is restricted to those products specifically indicated on each pesticide label, or if the labels of each and every product to be mixed contain the following general mixing statement:

"This product may be tank mixed with (a fertilizer, a supplement, or with) registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact [manufacturer name] at [insert manufacturer contact information] for information before applying any tank mix that is not specifically recommended on this label."

If tank mixing is not done in the correct order, the result could be a tank-load of material that may not control the target pests, cause injury to the crop, plug nozzles, or leave an undesirable residue in the tank that will require extensive cleaning. Mistakes like these are costly, could put the user at unnecessary risk of exposure to the products, or create an environmental disposal problem.

To avoid mixing that may result in incompatibilities, **always consult the label of the products that are being used** to learn the correct order. **Remember to add all like components at the same stage of mixing.** The list below is a general rule-of-thumb for mixing pesticides:

1. Fill the spray tank with 1/4 to 3/4 the amount of water required for the application and turn on the sprayer agitation. Check the products that are being used for the correct amount to add. Once agitation has begun, maintain until the tank is emptied.
2. Add any water conditioner (fertilizer or pH adjuster) additives to the tank.
3. Add any wettable powders, or water dispersible granules (DF, DG, or WDG). Add dry products slowly to prevent clogged return lines. Allow sprayer to agitate for a few minutes, allowing the product to become completely suspended in the tank, before adding the next component.
4. Shake any containers of liquid pesticide thoroughly before adding to ensure they are well mixed.
5. Add any oil dispersions (OD) or flowable liquid suspensions (F, SC) to the tank. Allow to mix.
6. Add emulsifiable concentrates (EC) or emulsions (ME, SE) to the tank and allow to mix.
7. Add any pesticides that are solutions (SN) (i.e. amines and salts)
8. Add any surfactants or other adjuvants.

Remember to always consult the label for compatible mixes and recommended mixing order.

Many pesticides will break down if left in the tank for an extended period. Try not to mix any more than you can spray at one time.

If you need to stop spraying for a short time, leave the sprayer agitation running to keep products from settling or separating in the tank.

Container Disposal

Proper disposal of used containers and unused pesticides is important to protect the environment and prevent contamination of soil and water resources. Rinse all containers prior to disposal to reduce environmental contamination caused by open dumping of unwanted containers. Only mix as much pesticide solution as is needed to treat the desired area.

Triple Rinsing

Triple rinsing renders used pesticide containers (metal, plastic, glass) more than 99.9 percent free of residues, in most cases. Here are the steps that should be followed:

1. Empty contents of the container into the spray tank and drain in a vertical position for 30 seconds.
2. Add a measured amount of rinse water or other diluent until container is about one-fifth full.
3. Rinse the container thoroughly and pour the rinsate into the spray tank.
4. Repeat the procedure twice (it should take only about 5 minutes in total).
5. Puncture or break triple rinsed containers to render them non-reusable. Paper bags should be rinsed once prior to disposal.

Pressure Rinsing

Pressure rinsers can be used to rinse any size of empty pesticide container that can be lifted into position over the spray tank. A 30 second rinse with a pressure rinser is convenient and just as effective as triple rinsing. Pressure rinsers are constructed to be thrust into the bottom of a metal can or plastic jug. Holes, situated laterally in the rinser tip, direct water from a pressurized source against the inner sides of the container and effectively wash the residual pesticide into the spray tank. Some farmers have found it convenient to attach a rinser to the pump on their large water storage tank to minimize container handling. Pressure rinsers have the added advantage of rendering containers useless by automatically puncturing them.

Disposal of Containers

Properly rinsed containers, totes and drums can be returned to a local collection site for recycling. See www.cleanfarms.ca for more information and locations.

Sprayer Cleaning

When pesticide application is completed each day it is important to empty and clean the sprayer thoroughly to prevent the breakdown of certain pesticides, prevent adhesion of the pesticide to the sprayer, and to maintain the sprayer parts in good condition. Certain pesticides break down very quickly when left in solution, and several pesticide solutions can be corrosive to sprayer parts. Sprayer cleaning is especially important when changing from one crop to another or from one pesticide to another. Each year several reports are logged of herbicide damage cause by carryover of product residue in the tank. To avoid the risk of contamination, sprayers should be cleaned as soon as possible after application is completed.

Do not clean sprayers where rinsate can run off into ditches or other water bodies, near sensitive plants or shelterbelts, or where other people or animals are likely to walk, to avoid unnecessary exposure to people, animals and the environment.

There are three basic types of rinse solution for cleaning sprayer tanks. Their recipes and basic procedures are outlined below:

- **The Ammonia Rinse** – Fill spray tank and add 1 L of household ammonia (3 percent) for every 100 L of clean water needed for the rinse and begin agitation. Allow solution to flush through the booms until the boom is completely filled with ammonia solution and top up the tank with water. Circulate the ammonia solution through the tank and pump system for 15 minutes. Flush hoses and booms with ammonia rinse solution again (minimum 5 minutes) before emptying. Remove nozzles and screens and scrub with 0.1 L household ammonia per 10 L clean water and an old toothbrush. Perform clean water rinse to remove ammonia solution prior to next spray load. Some herbicides recommend leaving the ammonia rinse in the tank over night to improve cleaning potential.
- **The Fresh Water Rinse** – The spray tank cleaning should begin and end with a fresh water rinse to remove the majority of potential contaminants prior to the cleansing process or prior to the next round of spraying. Drain the tank of its previous contents and fill the tank with clean water. Open nozzle valves and pump clean water through the booms and hoses. Top up the tank with more clean water and circulate/agitate for at least 10 minutes and empty the tank of waste water. If this is the first rinse after spraying, a high pressure hose could be used to clean residue from all surfaces in the tank. Do not enter the tank during the cleaning process.
- **The Detergent Rinse** – After rinsing with clean water, fill spray tank and add a heavy-duty detergent at 0.25 L per 100 L of water (some suggest a non-ionic surfactant such as Agral 90 or Agsurf at 0.6 L per 100 L of water). Circulate the mixture for a minimum of 5 minutes and spray out through sprayer nozzles. Nozzles and screens are removed and cleaned individually with the same detergent solution in a small container. Soaking in this solution for several hours also helps to loosen any deposits.

The above solutions are just components of the overall sprayer cleaning process. Typical rinse instructions will repeat a combination of one or two or all of these basic rinses. Below we will give some generic rinse instructions utilizing the basic rinses as components of the larger cleaning procedure. Never enter the tank during the cleaning process as some cleansers may release dangerous gases.

- **Method A** – Drain contents of tank – 1 to 2 x Water Rinse – 2 x Ammonia Rinse – 2 x Water Rinse (one just prior to the next spraying event)
- **Method B** – Drain contents of tank – 2 x Water Rinse – 2 x Detergent Rinse – 2 x Water Rinse
- **Method C** – Drain contents of tank – Several repetitions of the Water Rinse with nozzles and screens removed and checked for debris. Products: *Adrenalin, Altitude, Amitrol 240, Ares*.

The above directions are general processes based on the similarities of tank cleaning recommendations between products in each of the herbicide groupings. Always follow the specific instructions on the product label.

Several products in the guide do not have label instructions regarding tank cleaning. In the case of products that have no cleaning recommendations on the label, there are some basic principals that can be applied. Products that are water based formulations can usually be cleaned from spray tanks using **Method C** above. Products that are formulated as an EC, SC or F (flowable) or use a petroleum based adjuvant should at least use **Method B**. The detergent breaks down the oil that may be sticking to the side of the tank. Products in Group 2 (most will already have a recommendation), with the exception of the 'IMI' products (See Table 8 on page 60), will require the use of **Method A**. The ammonia in **Method A** either increases the solubility of the product allowing it to be easily removed from the tank surfaces or speeds the breakdown of these products in water. If the product that is to be cleaned out of the tank is a combination of these elements, use a combination of Methods to clean the tank. In these cases, use a good commercial tank-cleaning product from a recognized source, with both ammonia and detergent as components.

Group 2 compounds are highly active on sensitive plants so even a small amount remaining in the sprayer can present a risk of injury. They can also occasionally be trapped on the tank walls and plumbing by petroleum based formulations or adjuvants when tank mixed with other products, resulting in tank residues that may be tougher to remove. A way to reduce the chance of this occurring is to add detergent at 0.25 L per 100 L to the Ammonia Rinse portion to assist with the breakdown of the petroleum coating so that the ammonia may rid the tank of Group 2 product.

It is very important to clean sprayers immediately after every use. With a more diverse rotation, the likelihood of damage from lack of care increases dramatically.

How to Identify Crop and Weed Leaf Stages

Recognition of plant growth stages is essential for effective weed and disease control. Many herbicides and fungicides are safe on a crop only when applied at a specific growth stage. Similarly, weeds are controlled only when they are at certain growth stages.

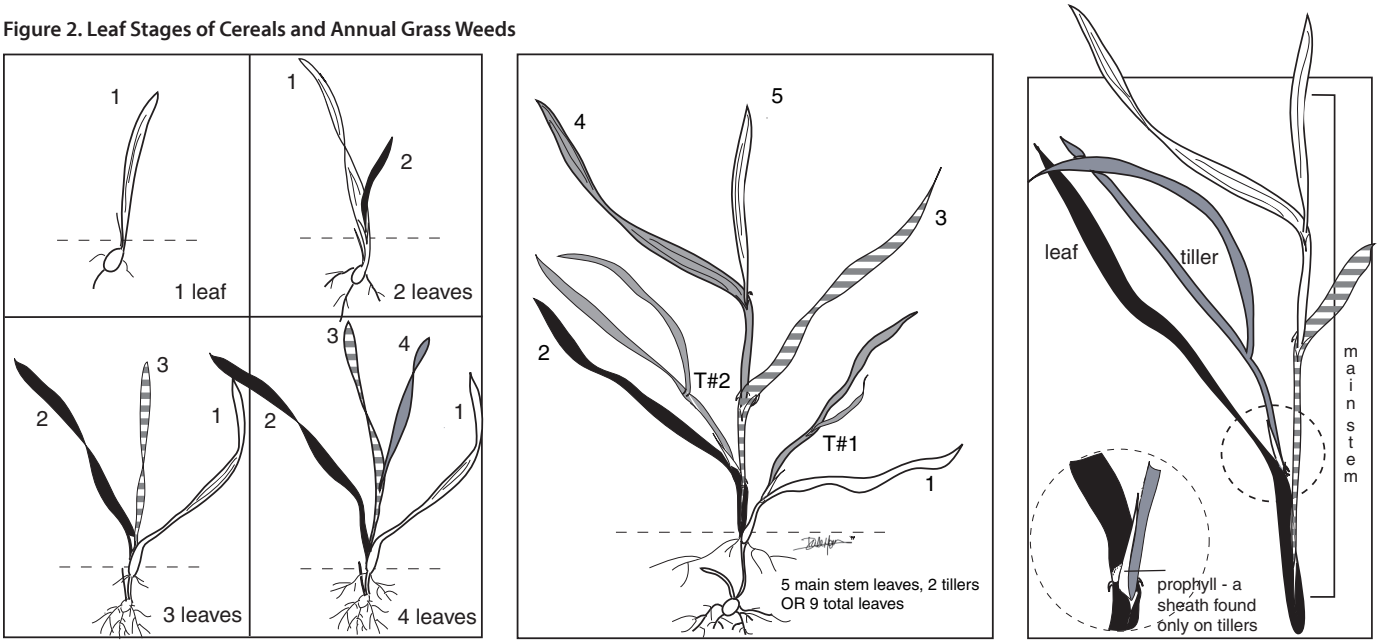
For most post-emergent products, growth stages are described by the number of leaves. The following is a description of how to count leaves for staging.

Cereals and Annual Grass Weeds

Manufacturers generally use two different systems of staging for grasses. The minimum stages of application are similar, while the later stages may differ.

Some manufacturers use "Total Leaf Count" stages based on the number of leaves on the entire plant, including tillers or secondary shoots. Most recommendations are based on the number of main stem leaves and tillers. Tillers or stools are the secondary shoots or stems of a grass plant. Similar to the branches of a broadleaf plant, tillers will emerge from the axils between the leaf and main shoot. Tillers usually begin to appear at the 3 or 4 leaf stage. When staging a plant in this manner, be sure to identify the tillers first, then count only leaves that originate from the main shoot.

Figure 2. Leaf Stages of Cereals and Annual Grass Weeds

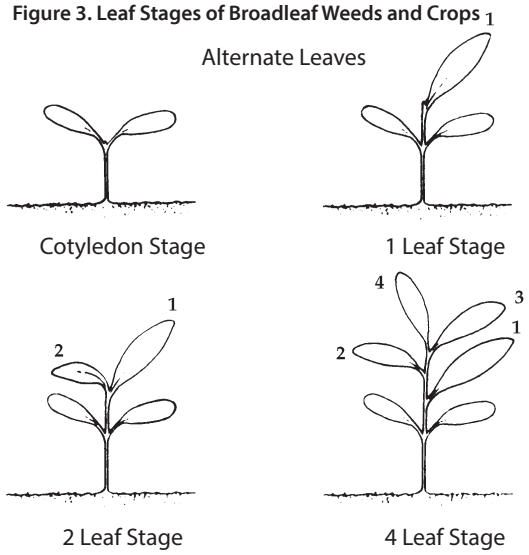


Broadleaf Weeds

Cotyledons – These are the seed leaves that usually emerge above ground. On some plants, such as faba beans, lentils and peas, they stay below the soil surface. Cotyledons are not true leaves and are not counted when determining leaf number. They are a different shape than the true leaves and may dry up and disappear at an early stage.

Alternate leaves – Some plants have one leaf at each node on the stem. The next leaf emerges at the next higher node and extends away from the stem in the opposite direction. These plants (lamb's quarters and wild mustard are good examples) are said to have alternate leaves.
To determine the leaf stage, simply count the number of leaves present (Figure 3).

Figure 3. Leaf Stages of Broadleaf Weeds and Crops

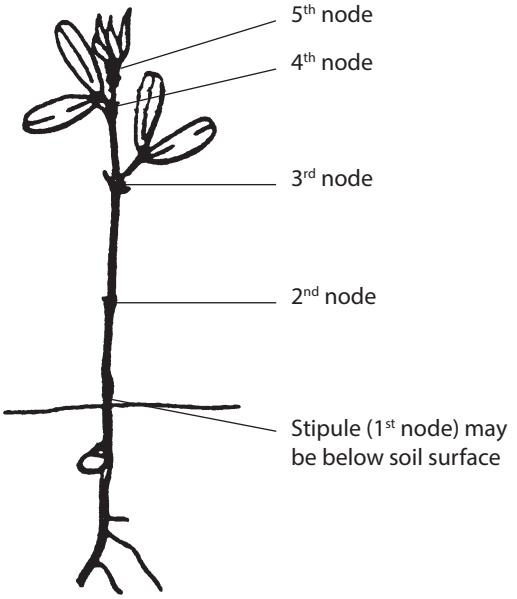


Opposite leaves – Plants with two leaves at each node, one on each side of the stem, are said to have opposite leaves. The next pair of leaves on the next node are rotated about 45° so that they are not directly over the previous pair. Plants with opposite leaves have even-leaf numbers only. When counting, the leaf number progresses from cotyledons to
2 leaf, 4 leaf, etc. These plants generally appear shorter than plants with alternate leaves at a similar leaf stage. **Be sure to count each pair as two leaves.** Hemp nettle is a weed that has opposite leaves (Figure 3).

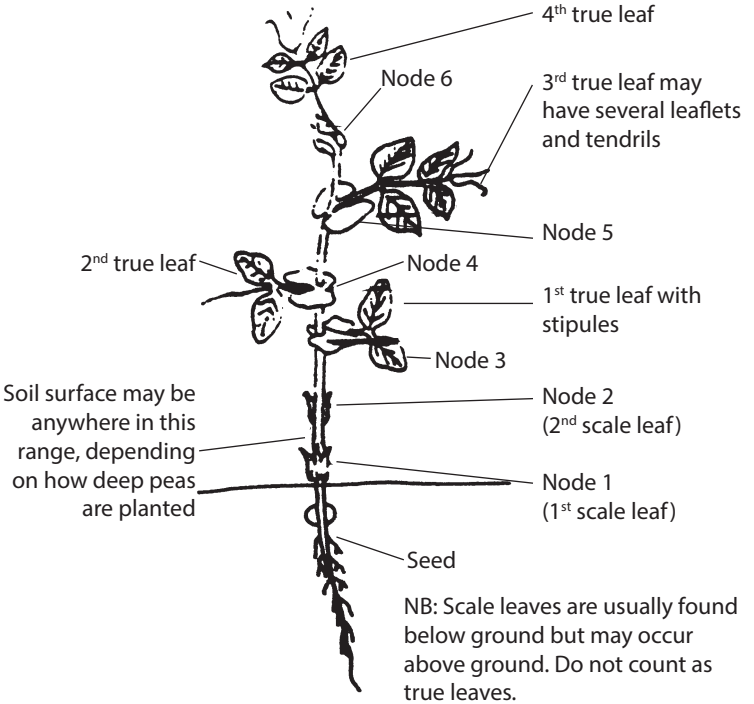
Whorled leaves – More complex plants like cleavers may have whorled leaves. These plants have three or more leaves at each node on the stem. The leaf number in each whorl may vary, so be sure to count each individual leaf unless the Guide or label recommendation refers to the number of leaf whorls (Figure 3).

Figure 4. Leaf Stages of Certain Special Crops and Forages

Lentil Seedling

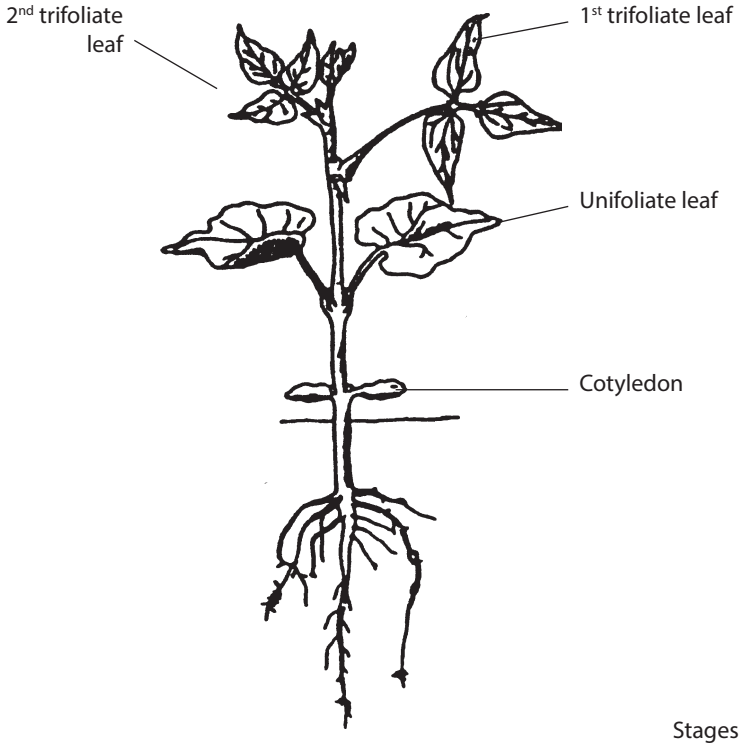


Field Pea Seedling

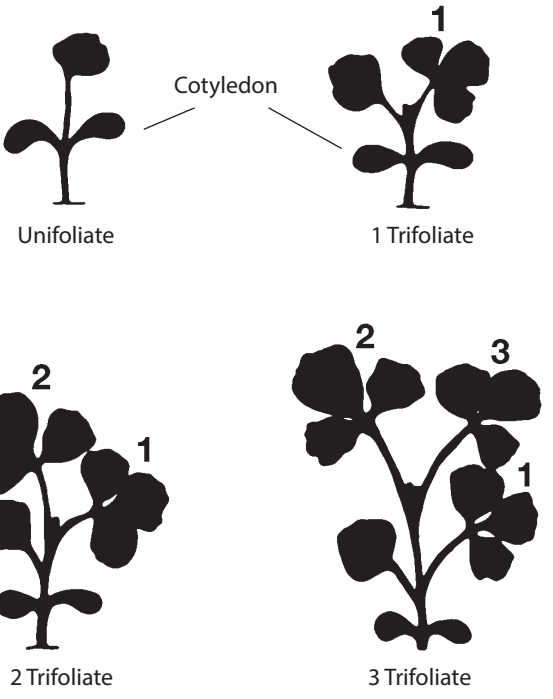


NB: Scale leaves are usually found below ground but may occur above ground. Do not count as true leaves.

Dry Bean Seedling



Forage Legume Seedling



Stages of alfalfa, red clover and alsike clover leaf development

Key to Product Pages

Pesticide Product Name

Pesticide Resistance Group #

This area will the pesticide active ingredient(s) to the mode of action that ingredient uses.

This field lists the pesticide product name. Where there is only one product the commercial "trade" name is given. Where more than one company sells pesticides with the same combination of active ingredients the "generic" (active ingredient) name is given.

If the active ingredients are all in a common formulation (liquid, granule, etc.) the generic name will appear as 'Ingredient A/ Ingredient B' and if the active ingredients are in separate containers to be mixed in the sprayer the names are given as 'Ingredient A + Ingredient B'.

Company:

This section identifies the company (or companies) that manufacture or market this crop protection product (or generic equivalents) in Canada as well as the PCP# for that (those) product(s). See page 10 for more information on PCP numbers. PCP#s are given as *'(PCP#XXXXX)'* where XXXXX is a four or five digit number unique to that product. In some cases, where there are multiple components with separate PCP numbers, the PCP number will be provided below under 'Formulation:'

Formulation:

This section gives information on the active ingredient and its concentration in the product as well as information on formulation type and packaging types and configurations. Formulation strength (or concentrations) are given in % by weight for dry formulations and g/L for liquid formulations. PCP numbers may also be give for some products (see above).

Crops and Staging:*

This section indicates on which crops the product may be used and what stage of crop development it should be applied at. Rates may also be included in this section if they vary between crop types or crop stage.

***This section will also indicate which crops are registered under the User Requested Minor Use Label Expansion (URMULE) program. Some companies, as a condition of placing these minor crops on their labels request, that users of their product on these crops do so at their own risk because the registration was approved with information the company did not produce.*

These crops will be flagged separately from the main crops.

Pest (Diseases, Insects, Weeds) and Staging:

This section indicates the pests (Diseases, Insects, or Weeds) that are indicated on the product label as controlled or suppressed, as well as any specifics on the timing of application relative to the pest stage if required. Rates may also be included in this section if they differ for different pests or stage of pest.

Rates:

The rates provided in this section are given in the amount of product required per acre and the number of acres treated per package unit where possible. This section will also indicate any adjuvants that are to be used in conjunction with the product and the rate of that adjuvant.

This section will not be present if rates have been integrated into either of the previous **Crops** or **Pest** sections.

Application Information:

- **Water Volume:** This section indicates the minimum carrier water volume to be used to apply the product. Using less than the recommended minimum carrier application volume can negatively affect pesticide performance, particularly with contact pesticides and when using low drift nozzles.
- **Nozzles and Pressure:** This section indicates if there are any particular nozzles that should or should not be used to apply the product. Pressures indicated reflect those for conventional nozzles. Low drift nozzles may require higher pressures for proper performance. A general statement of "Use nozzles and pressures designed to deliver proper coverage with ***ASABE*** ___ droplets" indicating the ideal droplet sizes to allow for the combination of lowest drift potential and best performance from the pesticide. ASABE refers to the American Society of Agricultural Engineers who have set standards a series of droplet measurements (in microns or micrometres) that classify droplet sizes from *'fine'* to *'very coarse'*.

How it Works:

This section typically refers to the page where a general description of the various modes of action of either herbicide, fungicides or insecticides.

Effects of Growing Conditions:

This section summarizes any adverse conditions that will affect the biological function of the crop or the target pest and therefore possibly impact the product's performance. In most cases both crop and target pest must be growing or functioning normally for pesticides to provide expected performance and/or crop tolerance. Adverse weather conditions such as extreme heat, cold, drought or flooding can slow or stop the biological processes in the crop or pest. These biological processes in the crop allow the pesticide to be degraded quickly. If biological processes that are attacked by the pesticide, and under normal conditions would kill the pest, are not functioning normally the pest may be able to rid itself of the pesticide before dying and recover from the application.

Tank Mixes:

This section indicates which other pesticides the pesticide label indicates are registered for use as tank mix combinations with this pesticide.

Common mixes may include:

Herbicides:
- (Subtitles may indicate specific crops or condition restrictions:)

Insecticides:
Fungicides:
Fertilizers:

There may be additional pesticides that are registered but not listed on this product's label. Other pesticides may have this product listed as a mix option on their labels. The note below **(in bold)** directs users to a chart inside the back cover that show all available mixes for this pesticide. The product listed on the left column of the chart is the product that supports the mix. Mixes supported by both products are marked with an 'X'. Mixes supported by only one of the products is indicated by an arrow pointing to the left column.

Included in the tank mix section in non-bolded italics may be any precautions against the mixing of pesticides which will have adverse reactions such as crop injury, reduced pest control or unusual increased danger in the use of the product.

Note: The above mixes are those listed on the pesticide label only. To check for other possible mixes see the blue fold out chart inside the back cover.

Restrictions:

Since most pesticides have a capacity to injure neighboring plants, wildlife or people, they will come with restrictions on their use in order to prevent this unintentional damage. Misuse of pesticides may result in as little as temporary or superficial damage to plants or a slight irritation to the eyes or nose, or could also result in poor performance of the pesticide, severe injury and/or yield loss to very sensitive plants and/or unacceptable residues in agricultural commodities, and/or serious illness or death of non-target organism or people. It is important to comply with product restrictions in order to minimize the impact of the pesticide used on non-target organisms and people. A selection of common restrictions and precautions found on product labels are provided in this section, ***but it is important to read the label carefully in order to understand how to use the product properly.***

- **Rainfall:** This section indicates the required delay between application and rainfall to avoid reductions in the performance of the product or the unintentional movement of the product.
- **Restricted Entry Interval:** This section indicates when it is safe for a person to re-enter treated field following an application of a particular pesticide without the same personal protection used to apply the product.
- **Resistance Management:** This section highlights products where an increased risk of the target pests developing resistance to the group of products (typically fungicides)has been identified. If no specific risk has been identified the reader is referred to a general resistance section. All pesticides have some risk of the target pest developing resistance. Rotating pesticide groups using as many different resistance groups as possible in the rotation is one way to avoid or delay resistance development.
- **Grazing:** This section indicates whether and how soon treated crops may be grazed by livestock or otherwise fed to livestock. This restriction is in place to avoid residues of the pesticide from being detected in milk or meat from animals consuming forage, greenfeed or straw from treated crops or forage.
- **Pre-harvest interval:** Is the time that must be left between application of a pesticide and the harvest of a crop in order to prevent greater than allowable residues of the pesticide in the harvested material. Harvest is the cutting of the crop (i.e. combining or hay cut) or removal of the harvestable material from the plant (i.e. picking fruit or striper header). Maximum Residue Limits (MRLs) are set for commodities based on registered rates and staging of pesticides used in the production of those commodities. Disregarding these intervals can result in residues over the MRLs, which can lead to market disruptions.
- **Re-cropping:** This section indicates how soon specific crops may be seeded into treated fields. Failure to adhere to these delays could result in injury to the following crop.

- **Aerial Application:** This section indicates whether the product may be applied by aircraft and any special conditions that may be necessary.
- **Labelling:** In addition to other precautions and warnings, seed treatment products will also have statements about how seed treated with the product should be labeled.
- **Storage:** This section indicates how the product must be stored. As a general rule, unused pesticides should always be stored in their original containers in a secure, dry area, away from other pesticides, food or feed.
- **Buffer Zones:** This section will indicate any setback distances that are required from sensitive aquatic or upland habitats. Newer labels may indicate that these distances are from the downwind edge of the boom but older labels may not. Examples of aquatic habitats are lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands. Examples of terrestrial habitats are grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands.

In addition to the set back or 'buffer' distances indicated on product labels, provincial environment departments may also have additional restrictions or requirements for permits to apply pesticides to or near water. Check with the provincial environment department/ministry for more information.

Tank Cleaning:

This section describes the measures that are required to properly clean out spray tanks. A general overview of sprayer cleaning is given on page 15, but products where there is a high risk of crop damage as a result of very low level contamination of the spray solution, will have specific measures indicated.

Hazard Rating:

This section indicates the relative toxicity of the pesticide, formulations or components. For an explanation of the symbols used here see pages 10 and 11. An additional symbol that is used that is not a standard symbol is the (!) exclamation mark which indicates an otherwise undefined risk factor (i.e. irritation).

Example:

 Caution – Eye Irritant

Some older products have not had hazard ratings developed, while other products have very low toxicity and do not have hazard warnings. Even in the absence of a hazard rating users should wear a minimum of nitrile gloves and an apron as well as long sleeved apparel during mixing and avoid unnecessary exposure.

Trade Names, Active Ingredients and Formulations

Legend: (F) = formulated component; (B) = blended granules; (DC) = divided container

WP	wettable powder	EC	emulsifiable concentrate	SP	water soluble powder	SL	solution	A	amine
WG	water dispersible granule	G	granule	EW	emulsion, oil in water	OD	oil dispersion	E	ester
TB	Tablet	SC	suspension concentrate	DS	powder/dust for dry seed treatment	FS	flowable concentrate for seed treatment	LS	solution for seed treatment
SG	water soluble granule	AS	aqueous suspension	SE	suspension emulsion	WGR	wettable granule	SO	soluble concentrate

Herbicides

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
2,4-D Amine - 600 g/L SL				*USHA6*	Sharda Cropchem
2,4-D Amine - 600, 700 g/L SL				*2,4-D Amine or Ester*	Various
2,4-D Amine - 400 g/L SL (F)	aminopyralid - 50 g/L SL (F)			*Restore II*	Corteva Agriscience
2,4-DB Ester - 625 g/L EC				*Caliber*	Loveland Products
2,4-DB Ester - 625 g/L EC				*Cobutox 625*	IPCO
2,4-DB Ester - 625 g/L EC				*Embutox 625*	Nufarm Agriculture
2,4-D Choline - 454 g/L SL				*Enlist 1*	Corteva Agriscience
2,4-D Choline - 194 g/L SL (F)	glyphosate DMA - 204 g/L SL (F)			*Enlist Duo*	Corteva Agriscience
2,4-D Choline - 360 g/L SL (F)	picloram - 97.5 g/L SL (F)			*Grazon XC*	Corteva Agriscience
2,4-D Ester - 660 g/L EC				*Lima 660EC*	Sharda Cropchem
2,4-D Ester - 660 g/L EC				*Salvo*	UAP
2,4-D Ester - 660 g/L EC				*Viking 2,4-D Ester*	Viking
2,4-D Ester - 225 g/L EC (F)	bromoxynil - 225 g/L EC (F)			*Leader*	Interprovincial Cooperative (IPCO)
2,4-D Ester - 280 g/L EC (F)	bromoxynil - 280 g/L EC (F)			*Swipe*	Sharda Cropchem
2,4-D Ester - 280 g/L EC (F)	bromoxynil - 280 g/L EC (F)			*Thumper*	Bayer
2,4-D ester - 660 g/L EC	bromoxynil - 280 g/L EC			*Viking Harstad*	Viking
2,4-D Ester - 660 g/L EC	carfentrazone - 240 g/L EC			*CO-OP/IPCO Convex*	IPCO
2,4-D Ester - 660 g/L EC	carfentrazone - 240 g/L EC			*Revenge Pro*	NewAgco
2,4-D Ester - 660 g/L EC	carfentrazone - 240 g/L EC			*Viking Solna*	Viking
2,4-D Ester - 400 g/L EC (F)	dichlorprop-P - 210 g/L EC (F)			*Dichlorprop-DX II*	IPCO
2,4-D Ester - 400 g/L EC (F)	dichlorprop-P - 210 g/L EC (F)			*Estaprop XT*	Nufarm Agriculture
2,4-D Ester - 360 g/L EC (F)	fluroxypyr - 90 g/L EC (F)			*OcTTain XL*	Corteva Agriscience
2,4-D Ester - 360 g/L EC (F)	fluroxypyr - 90 g/L EC (F)			*Osim Plus*	Sharda Cropchem
2,4-D Ester - 360 g/L EC (F)	fluroxypyr - 90 g/L EC (F)			*Rush 24 All In*	ADAMA
2,4-D Ester - 360 g/L EC (F)	fluroxypyr - 90 g/L EC (F)			*Viking Kalmar*	Viking
2,4-D Ester - 660 g/L EC	fluroxypyr - 180 g/L EC			*Flurox-24*	Nufarm Agriculture
2,4-D Ester - 660 g/L EC	fluroxypyr - 333 g/L EC			*Foxxy Pro*	NewAgco
2,4-D Ester - 660 g/L EC	fluroxypry - 333 g/L EC			*Foxxy Extreme II*	NewAgco
2,4-D Ester - 660 g/L EC	fluroxypyr - 180 g/L EC			*Rush 24 All In*	ADAMA
2,4-D Ester - 660 g/L EC	fluroxypyr - 180 g/L EC			*Viking Kalmar II*	Viking
2,4-D Ester - 473 g/L (F)	pyraflufen - 6.1 g/L (F)			*BlackHawk*	Nufarm Agriculture
2,4-D Ester - 660 g/L EC	aminopyralid - 52.5% WG (F)	metsulfuron - 9.45% WG (F)		*Reclaim II*	Corteva Agriscience
2,4-D Ester - 240 g/L EC (F)	bromoxynil - 90 g/L EC (F)	fluroxypyr - 80 g/L EC (F)		*Enforcer D*	Nufarm Agriculture
2,4-D Ester - 284 g/L EC (F)	dichlorprop - 284 g/L EC (F)	pyraflufen - 7.3 g/L EC (F)		*Blackhawk EVO*	Nufarm Agriculture
2,4-D Ester - 300 g/L EC (F)	florasulam - 6 g/L EC (F)	halauxifen - 6 g/L EC (F)		*Extinguish XL*	Corteva Agriscience
2,4-D Ester - 360 g/L EC (F2)	fluroxypyr - 90 g/L EC (F2)	clodinafop - 25 g/L EC (F1)	pinoxaden - 25 g/L EC (F1)	*TraxosTwo*	Syngenta
2,4-D Ester - 660 g/L EC	pyroxsulam - 15% WG (F)	halauxifen - 5% WG (F)		*Rexade*	Corteva Agriscience
2,4-D Ester - 564 g/L EC	thifensulfuron: tribenuron - 50%:25% WG	fluroxypyr - 180 g/L EC		*Foxxy Pro RX*	NewAgco
2,4-D Ester - 564 g/L EC	thifensulfuron:tribenuron - 33.3%:16.7% SG	fluroxypyr - 333 g/L EC		*Retain SG*	Loveland Products

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
2,4-D Ester - 660g/L EC	tribenuron - 8.25% WG (F)	dicamba - 58.45% WG (F)		*Triton K*	FMC
acifluorfen - 240 g/L SL				*Ultra Blazer*	UPL AgroSolutions
acifluorfen - 240 g/L SL (F)	bentazon - 320 g/L SL (F)			*Hurricane*	UPL AgroSolutions
aminocyclopyrachlor - 39.5% WG (F)	metsulfuron - 12.6% WG (F)			*Navius Flex*	Envu Canada
aminocyclopyrachlor - 39.5% WG (F)	metsulfuron - 12.6% WG (F)			*TruRange*	Envu Canada
ammonium salt of fatty acids - 36% SN				*Axxe*	BioSafe Systems
aminopyralid - 240 g/L SL				*Milestone*	Corteva Agriscience
aminopyralid - 50 g/L SL (F)	2,4-D Amine - 400 g/L SL (F)			*Restore II*	Corteva Agriscience
aminopyralid - 80 g/L SL (F)	florpyrauxifen - 6.36 g/L SL (F)			*Restore NXT*	Corteva Agriscience
aminopyralid - 52.5% WG (F)	metsulfuron - 9.45% WG (F)			*ClearView*	Corteva Agriscience
aminopyralid - 52.5% WG (F)	metsulfuron - 9.45% WG (F)	2,4-D Ester - 660 g/L EC		*Reclaim II*	Corteva Agriscience
aminopyralid - 52.5% WG (F)	metsulfuron - 9.45% WG (F)	fluroxypyr - 333 g/L EC		*Sightline*	Corteva Agriscience
atrazine - 480 g/L SC				*AAtrex Liquid*	Syngenta
atrazine - 320 g/L SC (F)	metolachlor - 400 g/L SC (F)			*Primextra II Magnum*	Syngenta
bentazon - 480 g/L SL				*Basagran*	BASF
bentazon - 480 g/L SL				*Basagran Forté*	BASF
bentazon - 480 g/L SL				*Benta Super*	Sharda Cropchem
bentazon - 480 g/L SL				*Beserk*	Nufarm Agriculture
bentazon - 480 g/L SL				*Boa*	NewAgco
bentazon - 480 g/L SL				*Broadloom*	UPL AgroSolutions
bentazon - 480 g/L SL				*Viking Bentazon*	Viking
bentazon - 320 g/L SL (F)	acifluorfen - 240 g/L SL (F)			*Hurricane*	UPL AgroSolutions
bentazon - 440 g/L SL (F)	imazamox - 20.6 g/L SL (F)			*Nelatic*	Syngenta
bentazon - 429 g/L SL (F)	imazamox - 20 g/L SL (F)			*Boa Pro Advanced*	NewAgco
bentazon - 429 g/L SL (F)	imazamox - 20 g/L SL (F)			*Benz*	Sharda Cropchem
bentazon - 429 g/L SL (F)	imazamox - 20 g/L SL (F)			*Viper ADV*	BASF
bentazon - 440 g/L SL (F)	imazamox 20.6 g/L SL (F)			*Ransack*	Nufarm Agriculture
bentazon - 440 g/L SL (F)	imazamox - 20.6 g/L SL (F)			*IPCO Maraud*	IPCO
bentazon - 480 g/L SL	imazamox - 70% WG			*Boa Pro*	NewAgco
bentazon - 480 g/L SL	imazamox - 80 g/L SL			*Python*	ADAMA
bentazon - 480 g/L SL	quizalofop-p - 96 g/L EC			*Boa IQ*	NewAgco
bentazon - 480 g/L SL	imazamox - 70% WG	quizalofop-p - 96 g/L EC		*Anaconda*	NewAgco
bicyclopyrone - 37.5 g/L EC (F)	bromoxynil - 175 g/L EC (F)			*Talinor*	Syngenta
bicyclopyrone - 37.5 g/L EC (F1)	bromoxynil - 175 g/L EC (F1)	pinoxaden - 50 g/L EC (F2)	fluroxypyr - 87.5 g/L EC (F2)	*Axial Maxx*	Syngenta
bromoxynil - 235g/L EC				*Koril 235*	Nufarm Agriculture
bromoxynil - 240 g/L EC				*Bromotril*	ADAMA
bromoxynil - 240 g/L EC				*Brox 240*	Albaugh
bromoxynil - 240 g/L EC				*Brotex*	IPCO
bromoxynil - 240 g/L EC				*Starbuck*	Winfield United
bromoxynil - 280 g/L EC				*Pardner*	Bayer
bromoxynil - 480 g/L SL				*Brotex 480, Brotex 4AT*	IPCO
bromoxynil - 225 g/L EC (F)	2,4-D Ester - 225 g/L EC (F)			*Leader*	IPCO
bromoxynil - 280 g/L EC (F)	2,4-D Ester - 280 g/L EC (F)			*Swipe*	Sharda Cropchem
bromoxynil - 280 g/L EC (F)	2,4-D Ester - 280 g/L EC (F)			*Thumper*	Bayer
bromoxynil - 280 g/L EC	2,4-D ester - 660 g/L EC			*Viking Harstad*	Viking
bromoxynil - 175 g/L EC (F)	bicyclopyrone - 37.5 g/L EC (F)			*Talinor*	Syngenta
bromoxynil - 480g/L EC	carfentrazone - 240 g/L EC			*CO-OP/IPCO Octagon*	IPCO Canada
bromoxynil - 240g/L EC	carfentrazone - 240 g/L EC			*Emphasis Max*	ADAMA
bromoxynil - 240 g/L EC	carfentrazone - 240 g/L EC			*Revenge B Extreme*	NewAgco
bromoxynil - 280g/L EC	carfentrazone - 240 g/L EC			*Revenge B Max*	NewAgco
bromoxynil - 280 g/L EC	carfentrazone - 240 g/L EC			*Viking Vardo*	Viking

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
bromoxynil - 174 g/L EC (F)	dichlorprop - 435 g/L EC (F)			*Oxbow*	Nufarm Agriculture
bromoxynil - 280 g/L EC (F)	MCPA Ester - 280 g/L EC (F)			*Brilliant*	Sharda Cropchem
bromoxynil - 225 g/L EC (F)	MCPA Ester - 225 g/L EC (F)			*Brox M*	Albaugh
bromoxynil - 280 g/L EC (F)	MCPA Ester - 280 g/L EC (F)			*Buctril M*	Bayer
bromoxynil - 280 g/L EC (F)	MCPA Ester - 280 g/L EC (F)			*Canuck*	NewAgco
bromoxynil - 225 g/L EC (F)	MCPA Ester - 225 g/L EC (F)			*Double Trouble*	Albaugh
bromoxynil - 225 g/L EC (F)	MCPA Ester - 225 g/L EC (F)			*Logic M*	IPCO
bromoxynil - 280 g/L (F)	MCPA Ester - 280 g/L EC (F)			*Viking Hamar*	Viking
bromoxynil - 280 g/L EC (F)	MCPA Ester - 280 g/L EC (F)			*Viking Hamar*	Viking
bromoxynil - 467g/L EC (F)	pyraflufen - 15 EC (F)			*Conquer II*	Nufarm Agriculture
bromoxynil - 210 g/L EC (F)	pyrasulfotole - 37.5 g/L EC (F)			*Infinity*	Bayer
bromoxynil - 186.6 g/L EC (F)	tolpyralate - 18.7 g/L EC (F)			*OnDeck*	Corteva Agriscience
bromoxynil - 235g/L EC	topremazone - 336 g/L SC			*Certitude*	BASF
bromoxynil - 280 g/L (EC) (F)	pyrasulfatole - 25 g/L (EC) (F)			*Huskie PRE*	Bayer
bromoxynil - 235g/L EC	carfentrazone - 240 g/L EC	clomazone - 360 g/L ME		*IPCO Trigon*	IPCO
bromoxynil - 87.5 g/L EC (F)	fenoxaprop-p - 46 g/L EC (F)	pyrasulfotole - 15.5 g/L EC (F)		*Tundra*	Bayer
bromoxynil - 90 g/L EC (F)	fluroxypyr - 80 g/L EC (F)	2,4-D Ester - 240 g/L EC (F)		*Enforcer D*	Nufarm Agriculture
bromoxynil - 200 g/L EC (F)	fluroxypyr - 80 g/L EC (F)	MCPA Ester - 225 g/L EC (F)		*CO-OP/IPCO Emit*	IPCO
bromoxynil - 200 g/L EC (F)	fluroxypyr - 80 g/L EC (F)	MCPA Ester - 225 g/L EC (F)		*Enforcer M*	Nufarm Agriculture
bromoxynil - 200 g/L EC (F)	fluroxypyr - 80 g/L EC (F)	MCPA Ester - 225 g/L EC (F)		*Pierce*	Sharda Cropchem
bromoxynil - 200 g/L EC (F)	fluroxypyr - 80 g/L EC	MCPA Ester - 200 g/L EC (F)		*ForceFighter All In*	ADAMA
bromoxynil - 280 g/L EC (F)	fluroxypyr - 80 g/L EC	MCPA Ester - 200 g/L EC (F)		*Foxxy Canuck*	NewAgco
bromoxynil - 280 g/L EC (F)	fluroxypyr - 80 g/L EC	MCPA Ester - 200 g/L EC (F)		*Viking Trycka*	Viking
bromoxynil - 174.3 g/l EC (F)	pyrasulfotole - 31.1 g/L EC (F)	fluroxypyr - 72 g/L EC (F)		*Infinity FX*	Bayer
bromoxynil - 175 g/L EC (F)	pyrasulfotole - 31.3 g/L EC (F)	thiencarbazone - 5 g/L SC (F)		*Velocity m3*	Bayer
bromoxynil - 175 g/L EC (F1)	fluroxypyr - 87.5 g/L EC (F2)	pinoxaden - 50 g/L EC (F2)	bicyclopyrone - 37.5 g/L EC (F1)	*Axial Maxx*	Syngenta
bromoxynil - 197 g/L SC (F)	fluroxypyr - 74.1 g/L SC (F)	flucarbazone - 16.7 g/L SC (F)	MCPA ester - 197 g/L SC (F)	*Batalium*	UPL AgroSolutions
bromoxynil - 210 g/L EC (F)	fluroxypyr - 87.5 g/L EC (F))	pyrasulfotole - 37.5 g/L EC (F	pinoxaden - 50 g/L EC (F)	*Axial Xtreme iPak*	Syngenta
carfentrazone - 240 g/L EC				*Foremost*	WinField United
carfentrazone - 240 g/L EC				*InStep*	Albaugh
carfentrazone - 240 g/L EC				*IPCO C-Zone*	IPCO
carfentrazone - 240 g/L EC				*Miricell*	Sipcam
carfentrazone - 240 g/L EC				*Revenge*	NewAgco
carfentrazone - 240 g/L EC				*Viking Carfentrazone*	Viking
carfentrazone - 240 g/L EC	2,4-D Ester - 660 g/L EC			*Viking Solna*	Viking
carfentrazone - 240 g/L EC	2,4-D Ester - 660 g/L EC			*CO-OP/IPCO Convex*	IPCO
carfentrazone - 240 g/L EC	2,4-D Ester - 660 g/L EC			*Revenge Pro*	NewAgco
carfentrazone - 240 g/L EC	bromoxynil - 240 g/L EC			*Revenge B Extreme*	NewAgco
carfentrazone - 240 g/L EC	bromoxynil - 280 g/L EC			*Viking Vardo*	Viking
carfentrazone - 240 g/L EC	bromoxynil - 280g/L EC			*Emphasis Max*	ADAMA
carfentrazone - 240 g/L EC	bromoxynil - 480/L EC			*CO-OP/IPCO Octagon*	IPCO Canada
carfentrazone - 240 g/L EC	bromoxynil - 240g/L EC			*Revenge B Max*	NewAgco
carfentrazone - 240 g/L EC	clomazone - 360 g/L ME			*Command Charge*	FMC
carfentrazone - 240 g/L EC	flumioxazin 51..1% WGR			*Fury R*	NewAgco
carfentrazone - 27.97 g/L EC (F)	halauxifen - 15 g/L EC (F)			*Prospect*	Corteva Agriscience
carfentrazone - 53 g/L SE (F)	pyroxasulfone - 447 g/L SE (F)			*Focus*	FMC
carfentrazone - 42 g/L SE (F)	sulfentrazone - 380 g/L SE (F)			*Authority Strike*	FMC
carfentrazone - 240 g/L EC (F1)	sulfentrazone - 480 g/L SC (F2)			*Throne II Revenge*	NewAgco
carfentrazone - 240 g/L EC (F)	tolpyralate - 400 g/L SC (F)			*Avireo*	FMC
carfentrazone - 240 g/L EC	tribenuron - 75% WG			*Revenge E*	NewAgco
carfentrazone - 240 g/L EC	bromoxynil - 235g/L EC	clomazone - 360 g/L ME		*IPCO Trigon*	IPCO
carfentrazone - 11.25% WGR (B)	dicamba - 43.75% WGR (B)	tribenuron - 4.69% WGR (B)		*Intruvix II*	FMC
carfentrazone - 175 g/L EC (F)	flucarbazone - 141 g/L SC (F)	florasulam - 50 g/L SC (F)		*Inferno Trio*	UPL AgroSolutions
carfentrazone - 53 g/L SE	pyroxasulfone - 447 g/L SE	florasulam - 50g/L EC		*Focus NXT*	FMC

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
carfentrazone - 240 g/L EC	tribenuron - 6.52% WG (F)	dicamba - 60.9% WG (F)		*Intruvix*	FMC
chlormequat chloride - 620 g/L SL				*Manipulator*	Taminco/Belchim Crop Protection
chorsulfuron - 75% WG				*Telar XP*	Envu Canada
clethodim - 240 g/L EC				*Advantage Clethodim 240*	Advantage Crop Protection
clethodim - 120 g/L EC				*Arrow-All-In*	ADAMA
clethodim - 120 g/L EC				*CO-OP Patron Complete*	IPCO
clethodim - 120 g/L EC				*Centurion ADV*	BASF
clethodim - 120 g/L EC				*IPCO GraminX Complete*	IPCO
clethodim - 120 g/L EC				*Shadow XL*	Loveland Products
clethodim - 240 g/L EC				*Antler 240EC*	WinField United
clethodim - 240 g/L EC				*Centurion*	BASF
clethodim - 240 g/L EC				*Clethodim 240*	Albaugh
clethodim - 240 g/L EC				*CO-OP Patron 240EC*	IPCO
clethodim - 240 g/L EC				*Deputy*	Albaugh
clethodim - 240 g/L EC				*Independence*	NewAgco
clethodim - 240 g/L EC				*IPCO GraminX*	IPCO
clethodim - 240 g/L EC				*Select*	UPL AgroSolutions
clethodim - 240 g/L EC				*Shadow RTM*	Loveland Products
clethodim - 240 g/L EC				*Statue*	Nufarm Agriculture
clethodim - 240 g/L EC				*Viking Clethodim*	Viking
clethodim - 360 g/L EC				*Antler Unpacked*	WinField United
clethodim - 120 g/L EC	imazamox - 80 g/L SL			*Davai A Plus*	ADAMA
clethodim - 240 g/L EC	imazamox - 70% WG			*Samauri Master*	NewAgco
clethodim - 240 g/L EC	imazamox - 70% WG			*Viking Falun*	Viking
clethodim - 240 g/L EC (F)	quizalofop - 120 g/L EC (F)			*Select Plus*	UPL AgroSolutions Canada
clethodim - 240 g/L EC	imazamox - 35% WG (F)	imazethapyr - 35% WG (F)		*Viking Floro*	Viking
clethodim - 240 g/L EC	imazamox - 35% WG (F)	imazethapyr - 35% WG (F)		*Ninja Master*	NewAgco
clodinafop - 60 g/L EC				*Foothills NG*	Loveland Products
clodinafop - 60 g/L EC				*Horizon NG*	Syngenta
clodinafop - 80 g/L EC				*Cadillac One*	WinField United
clodinafop - 80 g/L EC				*Ladder All In*	ADAMA
clodinafop - 240 g/L EC				*Aurora*	NewAgco
clodinafop - 240 g/L EC				*Cadillac Unpacked*	WinField United
clodinafop - 240 g/L EC				*Foax*	FBN
clodinafop - 240 g/L EC				*Signal*	Nufarm Agriculture
clodinafop - 240 g/L EC				*Slam'R*	Albaugh
clodinafop - 240 g/L EC				*Viking Clodinafop*	Viking
clodinafop - 240 g/L EC				*Winner*	Albaugh
clodinafop - 25 g/L EC (F)	pinoxaden - 25 g/L EC (F)			*Traxos*	Syngenta
clodinafop - 112 g/L EC (F)	fluroxypyr - 217 g/L EC (F)	thifensulfuron:tribenuron - 50%:25% SG		*Signal FSU*	Nufarm Agriculture
clodinafop - 25.1 g/L (F)	pinoxaden - 25.1 g/L (F)	fluroxypyr 111 g/L (F)		*Traxos Xtreme*	Syngenta
clodinafop - 25 g/L EC (F1)	pinoxaden - 25 g/L EC (F1)	2,4-D Ester - 360 g/L EC (F2)	fluroxypyr - 90 g/L EC (F2)	*TraxosTwo*	Syngenta
clomazone - 360 g/L ME				*Caravel*	Sipcam
clomazone - 360 g/L ME				*Command 360 ME*	FMC
clomazone - 360 g/L ME				*Czar*	Sharda Cropchem
clomazone - 360 g/L ME				*IPCO Clomazone*	IPCO
clomazone - 360 g/L ME	carfentrazone - 240 g/L EC			*Command Charge*	FMC
clomazone - 360 g/L ME	carfentrazone - 240 g/L EC	bromoxynil - 235g/L EC		*IPCO Trigon*	IPCO
clopyralid - 360 g/L SL				*Advantage Clopyralid 360*	Advantage Crop Protection

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
clopyralid - 360 g/L SL				*Clobber*	NewAgco
clopyralid - 360 g/L SL				*Pyralid*	Sharda Cropchem
clopyralid - 360 g/L SL				*Spur*	Albaugh
clopyralid - 360 g/L SL				*Tissel X 360*	Vincere
clopyralid - 360 g/L SL				*Viking Clopyralid*	Viking
clopyralid - 600 g/L SL				*IPCO Warrant*	Interprovincal Cooperative Ltd.
clopyralid - 600 g/L SL				*Lontrel XC*	Corteva Agriscience
clopyralid - 90 g/L EC (F)	fluroxypyr - 90 g/L EC (F)			*Inertia*	Sharda Cropchem
clopyralid - 90g/L SL (F)	fluroxypyr - 90 g/L EC (F)			*Momentum*	Loveland Products
clopyralid - 50 g/L EC (F)	MCPA Ester - 280 g/L EC (F)			*Certain*	Sharda Cropchem
clopyralid - 50 g/L EC (F)	MCPA Ester - 280 g/L EC (F)			*Clobber M*	NewAgco
clopyralid - 50 g/L EC (F)	MCPA Ester - 280 g/L EC (F)			*Curtail M*	Nufarm Agriculture
clopyralid - 50 g/L EC (F)	MCPA Ester - 280 g/L EC (F)			*Spur-M*	Albaugh
clopyralid - 50 g/L EC (F)	MCPA Ester - 280 g/L EC (F)			*Viking Drammen*	Viking
clopyralid - 40 g/L EC (F)	fluroxypyr - 59.7 g/L EC (F)	MCPA - 240.5 g/L EC (F)		*Esteem All In*	ADAMA
clopyralid - 42.7 g/L EC (F)	fluroxypyr - 61.6 g/L EC (F)	MCPA - 239.5 g/L EC (F)		*Repute*	Sharda Cropchem
clopyralid - 60 g/L EC (F)	fluroxypyr - 77 g/L EC (F)	MCPA Ester - 210 g/L EC (F)		*CO-OP/IPCO State*	IPCO
clopyralid - 50 g/L EC (F)	fluroxypyr - 333 g/L EC (F)	MCPA Ester - 280 g/L EC		*Foxxy CM*	NewAgco
clopyralid - 60 g/L EC (F)	fluroxypyr - 77 g/L EC (F)	MCPA Ester - 210 g/L EC (F)		*Truslate Pro*	Nufarm Agriculture
clopyralid - 42.7 g/L EC (F)	fluroxypyr - 61.6 g/L EC (F)	MCPA Ester - 240 g/L EC (F)		*Prestige XL*	Corteva Agriscience
clopyralid - 50 g/L EC (F)	fluroxypyr - 333 g/L EC	MCPA Ester - 280 g/L EC (F)		*Prestige XC*	Corteva Agriscience
clopryalid - 50 g/L EC (F)	fluroxypry - 180 g/L EC	MCPA Ester - 280 g/L EC (F)		*Viking Stavanger*	Viking
clopyralid - 80 g/L EC (F)	fluroxypyr - 100 g/L SC (F)	florasulam - 2.5 g/L SC (F)		*Akito*	UPL AgroSolutions
clopyralid - 600 g/L SL	halauxifen - 16.2 g/L EC (F)	florasulam - 20% WG (F)		*Cirpreme XC*	Corteva Agriscience
clopyralid - 97.8 g/L ME (F)	halauxifen - 4.7 g/L ME (F)	fluroxypyr - 122.2 g/L ME (F)		*Prominex*	Corteva Agriscience
clopyralid - 360 g/L SL	thifensulfuron: tribenuron - 50%:25% WG	fluroxypyr - 333 g/L EC		*Foxxy CRX*	NewAgco
clopyralid - 50 g/L (F)	MCPA Ester- 280 g/L (F)	fluroxypyr - 333 g/L	flucarbazone - 66% WDG	*Denali CM*	NewAgco
dicamba - 480 g/L SL				*IPCO Dicamba*	Interprovincial Cooperative Ltd.
dicamba - 350 g/L SL				*Xtendimax*	Bayer
dicamba - 474 g/L SL				*Xtendimax 2*	Bayer
dicamba - 480 g/L SL				*Ammo*	NewAgco
dicamba - 480 g/L SL				*Banvel VM*	BASF
dicamba - 600 g/L SL				*Engenia*	BASF
dicamba - 480 g/L SL				*Oracle*	Gharda (UAP)
dicamba - 480 g/L SL				*Vanquish*	Syngenta
dicamba - 480 g/L SL				*Viking Dicamba*	Viking
dicamba - 480 g/L SL				*IPCO Dicamba*	Interprovincial Cooperative Ltd.
dicamba - 50% WG (F)	diflufenzopyr - 20% WG (F)			*Distinct*	BASF
dicamba - 50% WG (F)	diflufenzopyr - 20% WG (F)			*Overdrive*	BASF
dicamba - 480 g/L SL	florasulam - 200 g/L SC			*Gordex*	ADAMA
dicamba - 480 g/L SL	florasulam - 25% WG			*Korrex II*	Corteva Agriscience
dicamba - 480 g/L SL	florasulam - 50 g/L SC			*Pilot*	AgraCity
dicamba - 480 g/L SL	florasulam - 50% SL			Viking Kiruna	Viking
dicamba - 87 g/L EC (F)	fluroxypyr - 113 g/L EC (F)			*DiFlux*	Sharda Cropchem
dicamba - 87 g/L EC (F)	fluroxypyr - 113 g/L EC (F)			*Pulsar*	Syngenta
dicamba - 159 g/L SL (F)	glyphosate - 317 g/L SL (F)			*Roundup Xtend 2*	Bayer
dicamba - 480 g/L SL	tribenuron - 75% WGR			*Ammo Extra*	NewAgco
dicamba - 60.87% WG (F)	tribenuron - 6.52% WG (F)			*Express FX*	FMC
dicamba - 43.75% WGR (B)	carfentrazone - 11.25% WGR (B)	tribenuron - 4.69% WGR (B)		*Intruvix II*	FMC

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
dicamba - 62.5 g/L SL (F)	mecoprop-P - 62.5 g/L SL (F)	MCPA Amine - 275 g/L SL (F)		*Sword*	Loveland Products
dicamba - 62.5 g/L SL (F)	mecoprop-P - 62.5 g/L SL (F)	MCPA Amine - 275 g/L SL (F)		*Tracker XP*	IPCO
dicamba - 59.57% WGR (B)	tribenuron - 6.38% WGR (B)	metsulfuron - 1.28% WGR (B)		*Express FT*	FMC
dicamba - 58.45% WG (F)	tribenuron - 8.25% WG (F)	2,4-D Ester - 660g/L EC		*Triton K*	FMC
dicamba - 60.9% WG (F)	tribenuron - 6.52% WG (F)	carfentrazone - 240 g/L EC		*Intruvix*	FMC
dichlobenil - 4% G	bromoxynil - 174 g/L EC (F)			*Casoron*	UPL AgroSolutions
dichlorprop - 435 g/L EC (F)	bromoxynil - 174 g/L EC (F)			*Oxbow*	Nufarm Agriculture
dichlorprop-P - 210 g/L EC (F)	2,4-D Ester - 400 g/L EC (F)			*Dichlorprop-DX*	IPCO
dichlorprop-P - 210 g/L EC (F)	2,4-D Ester - 400 g/L EC (F)			*Estaprop XT*	Nufarm Agriculture
dichlorprop-P - 284 g/L EC (F)	2,4-D Ester - 284 g/L EC (F)	pyraflufen - 7.3 g/L EC (F)		*Blackhawk EVO*	Nufarm Agriculture
dichlorprop-P - 310 g/L SL (F)	MCPA Amine - 160 g/L SL (F)	mecoprop-P - 130 g/L SL (F)		*Optica Trio*	UAP
diflufenzopyr - 20% WG (F)	dicamba - 50% WG (F)			*Distinct*	BASF
diflufenzopyr - 20% WG (F)	dicamba - 50% WG (F)			*Overdrive*	BASF
dimethanamid-P - 720g/L EC				*Frontier Max*	BASF
diquat - 200 g/L SL				*Armory All In*	ADAMA
diquat - 240 g/L SL				*Advantage Diquat 240*	Advantage Crop Protection
diquat - 240 g/L SL				*Armory*	ADAMA
diquat - 240 g/L SL				*Clone*	NewAgco
diquat - 240 g/L SL				*CO-OP Bolster*	IPCO
diquat - 240 g/L SL				*Craven*	WinField United
diquat - 240 g/L SL				*Desica*	Syngenta
diquat - 240 g/L SL				*Dessicash Desiccant*	Sharda Cropchem
diquat - 240 g/L SL				*DriFast*	Nufarm Agriculture
diquat - 240 g/L SL				*Innovis Diquat 240 Havrest Aide*	Innovis Crop Protection Limited
diquat - 240 g/L SL				*Reglone Desiccant*	Syngenta
diquat - 240 g/L SL				*Reglone Ion*	Syngenta
diquat - 200 g/L SL				*Reward* (Aquatic only)	Syngenta
diquat - 240 g/L SL				*Stage*	Loveland Products
diquat - 240 g/L SL				*Viking Diquat*	Viking
EPTC - 800 g/L EC				*Eptam Liquid EC*	Gowan Company
ethalfluralin - 10% G				*Edge MicroActiv*	Gowan Company
ethalfluralin - 10% G				*YieldShield Resflura Soilsorb*	Rath Holdco Inc.
ethametsulfuron- 75% WG				*Muster*	FMC
fenoxaprop-p - 90 g/L EC				*Puma Advance*	Bayer
fenoxaprop-p - 120 g/L EC				*HellCat*	NewAgco
fenoxaprop-p - 120 g/L EC				*Vigil WB*	IPCO
fenoxaprop-p - 120 g/L EC				*Viking Fenoxaprop*	Viking
fenoxaprop-p - 50 g/L EC (F)	pinoxaden - 50 g/L EC (F)			*Cirray*	Bayer
fenoxaprop-p - 46 g/L EC (F)	bromoxynil - 87.5 g/L EC (F)	pyrasulfotole - 15.5 g/L EC (F)		*Tundra*	Bayer
florasulam - 25% WG				*PrePass Flex*	Corteva Agriscience
florasulam - 25% WG				*Start 25 WDG*	Sharda Cropchem
florasulam - 200 g/L SC				*Priority HL*	ADAMA
florasulam - 50 g/L SC				*Advantage Florasulam 50 SC*	Advantage Crop Protection
florasulam - 50 g/L SC				*Battlefront*	NewAgco
florasulam - 50 g/L SC				*Bombard 50 SC*	Loveland Products Canada
florasulam - 50 g/L SC				*Blitz*	Loveland Products
florasulam - 50 g/L SC				*Clorvante*	Albaugh
florasulam - 50 g/L SC				*Flora*	Sharda CropChem
florasulam - 50 g/L SC				*Viking Florasulam*	Viking

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
florasulam - 25% WG	dicamba - 480 g/L SL			*Korrex II*	Corteva Agriscience
florasulam - 50 g/L SC	dicamba - 480 g/L SL			*Pilot*	NewAgco
florasulam - 50% SL	dicamba - 480 g/L SL			*Viking Kiruna*	Viking
florasulam - 200 g/L SC	dicamba - 480 g/L SL			*Gordex*	ADAMA
florasulam - 50 g/L SC	flucarbazone - 66% WDG			*Himalaya Pass*	NewAgco
florasulam - 20 g/L SC (F)	flumioxazin - 285 g/L SC (F)			*Valtera Cereals*	Nufarm
florasulam - 2.5 g/L SC (F)	fluroxypyr - 100 g/L SC (F)			*Alloy*	Sharda Cropchem
florasulam - 2.5 g/L SC (F)	fluroxypyr - 100 g/L SC (F)			*Battlestar*	NewAgco
florasulam - 50 g/L SC	fluroxypyr - 333 g/L EC			*Deathstar*	NewAgco
florasulam - 2.5 g/L SC (F)	fluroxypyr - 100 g/L SC (F)			*Stellar Unpacked*	WinField United
florasulam - 2.5 g/L SC (F)	fluroxypyr - 100 g/L SC (F)			*Viking Bodo*	Viking
florasulam - 50 g/L SC	fluroxypyr - 180 g/L EC			*Viking Askim*	Viking
florasulam - 50 g/L SC	glyphosate - 480 g/L SL			*PrePass XC*	Corteva Agriscience
florasulam - 20% WG (F)	halauxifen - 20% WG (F)			*Paradigm PRE*	Corteva Agriscience
florasulam - 50 g/L SC	MCPA Ester - 600 g/L EC			*Topline*	ADAMA
florasulam - 7.7 g/L EC (F)	pinoxaden - 92.7 g/L EC (F)			*Broadband*	Syngenta
florasulam - 50 g/L SC (F)	carfentrazone - 175 g/L EC (F)	flucarbazone - 141 g/L SC (F)		*Inferno Trio*	UPL AgroSolutions
florasulam - 2.5 g/L SC (F)	clopyralid - 80 g/L EC (F)	fluroxypyr - 100 g/L SC (F)		*Akito*	UPL AgroSolutions
florasulam - 20% WG (F)	clopyralid - 600 g/L SL	halauxifen - 16.2 g/L EC (F)		*Cirpreme XC*	Corteva Agriscience
florasulam - 2.5 g/L SC (F)	fluroxypyr - 100 g/L SC (F)	MCPA - 350 g/L EC (F)		*CO-OP Revlox*	Interprovincial Cooperative Ltd.
florasulam - 2.5 g/L SC (F)	fluroxypyr - 100 g/L SC (F)	MCPA - 350 g/L EC (F)		*IPCO Trace*	Interprovincial Cooperative Ltd.
florasulam - 2.5 g/L EC (F)	fluroxypyr - 100 g/L EC (F)	MCPA - 350 g/L EC (F)		*Sabatis*	Syngenta
florasulam - 2.5 g/L SC (F)	fluroxypyr - 100 g/L SC (F)	MCPA Ester - 350 g/L EC (F)		*Outshine All In*	ADAMA
florasulam - 2.5 g/L SC (F)	fluroxypyr - 100 g/L SC (F)	MCPA Ester - 350 g/L EC (F)		*Stellar All In*	Corteva Agriscience
florasulam - 5 g/L SC (F)	fluroxypyr - 100 g/L SC (F)	pinoxaden - 50g/L EC		*Avenza*	Corteva Agriscience
florasulam - 6 g/L EC (F)	halauxifen - 6 g/L EC (F)	2,4-D ester - 300 g/L EC (F)		*Extinguish XL*	Corteva Agriscience
florasulam - 20% WG (F)	halauxifen - 20% WG (F)	MCPA Ester - 600 g/L EC		*Exhilarate*	Corteva Agriscience
florasulam - 2.5 g/L SC (F)	fluroxypyr - 100 g/L SC (F)	MCPA Ester - 350 g/L EC (F)		*Stellar XL*	Corteva Agriscience
florasulam - 20% WG (F)	halauxifen - 20% WG (F)	MCPA Ester - 600 g/L EC		*CO-OP/IPCO Exhilarate*	IPCO
florasulam - 50 g/L SC	pyraflufen - 13.5 g/L (F)	MCPA Ester - 420 g/L EC (F)		*Thunderhawk*	Nufarm Agriculture
florasulam - 50g/L EC	carfentrazone - 53 g/L SE	pyroxasulfone - 447 g/L SE		*Focus NXT*	FMC
florpyrauxifen - 6.36 g/L SL (F)	aminopyralid - 80 g/L SL (F)			*Restore NXT*	Corteva Agriscience
flucarbazone - 200 g/L SC				*Everest 3.0 AG*	UPL AgroSolutions
flucarbazone - 66 % WDG				*Himalaya*	NewAgco
flucarbazone - 105 g/L SC (F)				*Reata*	Nufarm
flucarbazone - 200 g/L SC				*Sierra 3.0 AG*	Syngenta
flucarbazone - 66 % WDG				*Viking Flucarbazone*	Viking
flucarbazone - 66% WDG	florasulam - 50 g/L SC			*Himalaya Pass*	NewAgco
flucarbazone - 45% WG (F)	tribenuron - 25% WG (F)			*Inferno Duo*	UPL AgroSolutions
flucarbazone - 66 % WDG	tribenuron - 75% WG			*Himalaya Extra*	NewAgco
flucarbazone - 66 % WDG	tribenuron - 75% WG			*Viking Visby*	Viking
flucarbazone - 141 g/L SC (F)	florasulam - 50 g/L SC (F)	carfentrazone - 175 g/L EC (F)		*Inferno Trio*	UPL AgroSolutions
flucarbazone - 66% WDG	fluroxypyr - 333 g/L	clopyralid - 50 g/L (F)	MCPA - 280 g/L (F)	*Denali CM*	NewAgco
flucarbazone - 16.7 g/L SC (F)	fluroxypyr - 74.1 g/L SC (F)	MCPA ester - 197 g/L SC (F)	bromoxynil - 197 g/L SC (F)	*Batalium*	UPL AgroSolutions
flumioxazin - 479 g/L SC				*Chateau EZ*	Valent
flumioxazin - 479.2 g/L SC				*IPCO Tetra*	Interprovincial Cooperative Ltd.
flumioxazin - 479 g/L SC				*Valtera EZ*	Valent
flumioxazin - 51% WG R				*Fury*	AgraCity
flumioxazin - 51.1% WGR	carfentrazone - 240 g/L EC			*Fury R*	NewAgco
flumioxazin - 285 g/L SC (F)	florasulam - 20 g/L SC (F)			*Valtera Cereals*	Nufarm

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
flumioxazin - 77.6 g/L SC (F)	metribuzin - 347 g/L SC (F)			*IPCO Bifecta EZ*	IPCO
flumioxazin - 160 g/L SC (F)	pyroxasulfone -203 g/L SC (F)			*Fierce EZ*	Valent
flumioxazin - 160 g/L SC (F)	pyroxasulfone -203 g/L SC (F)			*Torpedo EZ*	Valent
flumioxazin - 33.5% WG (F)	pyroxasulfone - 44.5% WG (F)			*Fierce*	Valent
flumioxazin - 33.5% WG (F)	pyroxasulfone - 44.5% WG (F)			*Torpedo*	Valent
fluroxypyr - 180 g/L EC (F)				*Fluro Star II*	Albaugh
fluroxypyr - 180 g/L EC				*Ikwin*	FBN
fluroxypyr - 333 g/L EC (F)				*Advantage Fluroxypyr 333 EC*	Advantage Crop Protection
fluroxypyr - 333 g/L EC (F)				*Cavalier*	WinField United
fluroxypyr - 333 g/L EC (F)				*Fluro Star max*	Albaugh
fluroxypyr - 333g/L EC (F)				*FMC Fluroxypyr 333EC*	FMC
fluroxypyr - 333g/L EC (F)				*Perimeter II*	FMC
fluroxypyr - 90 g/L EC (F)	2,4-D Ester - 360 g/L EC			*Foxxy Pro*	NewAgco
fluroxypyr - 90 g/L EC (F)	2,4-D Ester - 360 g/L EC (F)			*OcTTain XL*	Corteva Agriscience
fluroxypyr - 90 g/L EC (F)	2,4-D Ester - 360 g/L EC (F)			*Osim Plus*	Sharda Cropchem
fluroxypyr - 90 g/L EC (F)	2,4-D Ester - 360 g/L EC (F)			*Rush 24 All In*	ADAMA
fluroxypyr - 90 g/L EC (F)	2,4-D ester - 360 g/L EC (F)			*Viking Kalmar*	Viking
fluroxypyr - 180 g/L EC	2,4-D Ester - 660 g/L EC			*Flurox-24*	Nufarm Agriculture
fluroxypyr - 180 g/L EC	2,4-D Ester - 660 g/L EC			*Rush All in*	ADAMA
fluroxypyr - 180 g/L EC	2,4-D Ester - 660 g/L EC			*Viking Kalmar*	Viking
fluroxypyr - 333 g/L EC	2,4-D Ester - 660 g/L EC			*Foxxy Pro II*	NewAgco
fluroxypyr - 333 g/L EC	2,4-D Ester - 660 g/L EC			*Foxxy Extreme II*	NewAgco
fluroxypyr - 90 g/L EC (F)	clopyralid - 90 g/L EC (F)			*Inertia II*	Sharda Cropchem
fluroxypyr - 90 g/L EC (F)	clopyralid - 90g/L SL (F)			*Momentum*	Loveland Products
fluroxypyr - 113 g/L EC (F)	dicamba - 87 g/L EC (F)			*DiFlux*	Sharda Cropchem
fluroxypyr - 113 g/L EC (F)	dicamba - 87 g/L EC (F)			*Pulsar*	Syngenta
fluroxypyr - 100 g/L SC (F)	florasulam - 2.5 g/L SC (F)			*Battlestar*	NewAgco
fluroxypyr - 100 g/L SC (F)	florasulam - 2.5 g/L SC (F)			*Viking Bodo*	Viking
fluroxypyr - 333 g/L EC	florasulam - 50 g/L SC			*Deathstar*	NewAgco
fluroxypyr - 250 g/L EC (F)	halauxifen - 16.25g/L EC (F)			*Pixxaro Flexx*	Corteva
fluroxypyr - 333 g/L EC	imazamox - 120 g/L SL			*Altitude FX3*	BASF
fluroxypyr - 180 g/L EC	MCPA Ester - 600 g/L EC			*Foxxy M*	NewAgco
fluroxypyr - 180 g/L EC	MCPA Ester - 600 g/L EC			*Trophy*	Nufarm Agriculture
fluroxypyr - 180 g/L EC	MCPA Ester - 600 g/L EC			*Viking Lidingo*	Viking
fluroxypyr - 87.5 g/L EC (F)	pinoxaden - 50 g/L EC (F)			*Axial Xtreme*	Syngenta
fluroxypyr - 87.5 g/L EC (F)	pinoxaden - 50 g/L EC (F)			*Kingpin*	Sharda Cropchem
fluroxypyr - 113.5 g/L SC (F)	pyroxsulam - 12.8 g/L SC (F)			*Erebus Xtreme*	Syngenta
fluroxypyr - 333 g/L EC	pyroxsulam - 30 g/L OD			*Tandem*	Corteva Agriscience
fluroxypyr - 118 g/L EC (F)	thiencarbazone-methyl - 5 g/L EC (F)			*Varro FX*	Bayer
fluroxypyr - 150 g/L SC (F)	thifensulfuron - 30 g/L SC (F)			*Sentrallas*	FMC
fluroxypyr - 180 g/L EC	thifensulfuron: tribenuron - 50%:25% WG			*Audible*	Albaugh
fluroxypyr - 333 g/L EC	thifensulfuron:tribenuron - 25%:25% SG			*Foxxy R Extreme*	NewAgco
fluroxypyr - 180 g/L EC	thifensulfuron:tribenuron - 25%:25% SG			*Foxxy RCK*	NewAgco
fluroxypyr - 333 g/L EC	thifensulfuron:tribenuron - 25%:25% SG			*Barricade II*	FMC
fluroxypyr - 333 g/L EC	thifensulfuron:tribenuron - 25%:25% SG			*Barricade III*	FMC
fluroxypyr - 80 g/L EC (F)	2,4-D Ester - 240 g/L EC (F)	bromoxynil - 90 g/L EC (F)		*Enforcer D*	Nufarm Agriculture

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
fluroxypyr - 180 g/L EC	2,4-D Ester - 564 g/L EC	thifensulfuron: tribenuron - 50%:25% WG		*Foxxy Pro RX*	NewAgco
fluroxypyr - 333 g/L EC	bromoxynil - 280 g/L EC (F)	MCPA Ester - 280 g/L EC (F)		*Foxxy Canuck*	NewAgco
fluroxypyr - 217 g/L EC (F)	clodinafop - 112 g/L (F)	thifensulfuron:tribenuron - 50%:25% SG		*Signal FSU*	Nufarm Agriculture
fluroxypyr - 122.2 g/L ME (F)	clopyralid - 97.8 g/L ME (F)	halauxifen - 4.7 g/L ME (F)		*Prominex*	Corteva Agriscience
fluroxypyr - 59.7 g/L EC (F)	clopyralid - 40 g/L EC (F)	MCPA - 240.5 g/L EC (F)		*Esteem All In*	ADAMA
fluroxypyr - 61.6 g/L EC (F)	clopyralid - 42.7 g/L EC (F)	MCPA - 239.5 g/L EC (F)		*Repute*	Sharda Cropchem
fluroxypyr - 61.6 g/L EC (F)	clopyralid - 42.7 g/L EC (F)	MCPA Ester - 240 g/L EC (F)		*Prestige XL*	Corteva Agriscience
fluroxypyr - 77 g/L EC (F)	clopyralid - 60 g/L EC (F)	MCPA Ester - 210 g/L EC (F)		*CO-OP/IPCO State*	IPCO
fluroxypyr - 333 g/L EC	clopyralid - 50 g/L EC (F)	MCPA Ester - 280 g/L EC (F)		*Foxxy CM*	Agracity
fluroxypyr - 333 g/L EC	clopyralid - 50 g/L EC (F)	MCPA Ester - 280 g/L EC (F)		*Prestige XC*	Corteva Agriscience
fluroxypyr - 77 g/L EC (F)	clopyralid - 60 g/L EC (F)	MCPA Ester - 210 g/L EC (F)		*Truslate Pro*	Nufarm Agriculture
fluroxypyr - 333 g/L EC	clopryalid - 50 g/L EC (F)	MCPA Ester - 280 g/L EC (F)		*Viking Stavanger*	Viking
fluroxypyr - 333 g/L EC	clopyralid - 360 g/L SL	thifensulfuron: tribenuron - 50%:25% WG		*Foxxy CRX*	NewAgco
fluroxypyr - 100 g/L SC (F)	florasulam - 2.5 g/L SC (F)	clopyralid - 80 g/L EC (F)		*Akito*	UPL AgroSolutions
fluroxypyr - 100 g/L SC (F)	florasulam 2.5 g/L SC (F)	MCPA - 350 g/L EC (F)		*CO-OP Revlox*	Interprovincial Cooperative Ltd.
fluroxypyr - 100 g/L SC (F)	florasulam - 2.5 g/L SC (F)	MCPA - 350 g/L EC (F)		*IPCO Trace*	Interprovincial Cooperative Ltd.
fluroxypyr - 100 g/L EC (F)	florasulam - 2.5 g/L EC (F	MCPA - 350 g/L EC (F)		*Sabatis*	Syngenta
fluroxypyr - 100 g/L SC (F)	florasulam - 2.5 g/L SC (F)	MCPA Ester - 350 g/L EC (F)		*Outshine All In*	ADAMA
fluroxypyr - 100 g/L SC (F)	florasulam - 2.5 g/L SC (F)	MCPA Ester - 600 g/L EC		*Stellar All In*	Corteva Agriscience
fluroxypyr - 100 g/L SC (F)	florasulam - 2.5 g/L SC (F)	MCPA Ester - 350 g/L EC (F)		*Stellar XL*	Corteva Agriscience
fluroxypyr - 100 g/L SC (F)	florasulam - 5 g/L SC (F)	pinoxaden - 50g/L EC		*Avenza*	Corteva Agriscience
fluroxypyr - 80 g/L EC (F)	bromoxynil - 200g/L EC (F)	MCPA Ester - 200 g/L EC (F)		*CO-OP/IPCO Emit*	IPCO
fluroxypyr - 80 g/L EC (F)	bromoxynil - 200g/L EC (F)	MCPA Ester - 200 g/L EC (F)		*Enforcer M*	Nufarm Agriculture
fluroxypyr - 80 g/L EC	bromoxynil - 200g/L EC (F)	MCPA Ester - 200 g/L EC (F)		*ForceFighter All In*	ADAMA
fluroxypyr - 80 g/L EC (F)	bromoxynil - 200g/L EC (F)	MCPA Ester - 200 g/L EC (F)		*Pierce*	Sharda Cropchem
fluroxypyr - 180 g/L EC	bromoxynil - 200g/L EC (F)	MCPA Ester - 200 g/L EC (F)		*Viking Trycka*	Viking
fluroxypyr - 111 g/L (F)	clodinafop - 25.1 g/L (F)	pinoxaden - 25.1 g/L (F)		*Traxos Xtreme*	Syngenta
fluroxypyr - 250 g/L EC(F)	halauxifen - 16.2 g/L EC (F)	MCPA Ester - 600 g/L EC		*Pixxaro*	Corteva Agriscience
fluroxypyr - 104.2 g/L EC(F)	halauxifen - 4.2 g/L EC (F)	pinoxaden - 50 g/L EC (F)		*Rezuvant XL*	Corteva Agriscience
fluroxypyr - 333 g/L EC	metsulfuron - 9.45% WG (F)	aminopyralid - 52.5% WG (F)		*Sightline*	Corteva Agriscience
fluroxypyr - 72 g/L EC (F)	pyrasulfotole - 31.1 g/L EC (F)	bromoxynil 174.3 g/L EC (F)		*Infinity FX*	Bayer
fluroxypyr - 150 g/L SC (F)	thifensulfuron - 30 g/L SC (F)	metsulfuron - 3 g/L SC (F)		*Travallas*	FMC
fluroxypyr - 333 g/L EC	thifensulfuron:tribenuron - 33.3%:16.7% SG	2,4-D Ester - 564 g/L EC		*Retain SG*	Loveland Products
fluroxypyr - 333 g/L EC	thifensulfuron:tribenuron - 25%:25% SG	MCPA Ester - 600 g/L EC		*Barricade M*	FMC
fluroxypyr - 90 g/L EC (F2)	2,4-D Ester - 360 g/L EC (F2)	pinoxaden - 25 g/L EC (F1)	clodinafop - 25 g/L EC (F1)	*TraxosTwo*	Syngenta
fluroxypyr - 333 g/L	flucarbazone - 66% WDG	clopyralid - 50 g/L (F)	MCPA - 280 g/L (F)	*Denali CM*	NewAgco
fluroxypyr - 74.1 g/L SC (F)	MCPA ester - 197 g/L SC (F)	bromoxynil - 197 g/L SC (F)	flucarbazone - 16.7 g/L SC (F)	*Batalium*	UPL AgroSolutions
fluroxypyr - 87.5 g/L EC (F1)	pinoxaden - 50 g/L EC (F1)	bicyclopyrone - 37.5 g/L EC (F2)	bromoxynil - 175 g/L EC (F2)	*Axial Maxx*	Syngenta
fluroxypyr - 87.5 g/L EC (F)	pinoxaden - 50 g/L EC (F)	bromoxynil - 210 g/L EC (F)	pyrasulfotole - 37.5 g/L EC (F)	*Axial Xtreme iPak*	Syngenta
fluroxypyr - 333 g/L EC	thifensulfuron:tribenuron - 25%:25% SG	thiencarbazone - 10 g/L SC	MCPA Ester - 600 g/L EC	*Predicade*	FMC
fomesafen - 240 g/L SL				*Reflex*	Syngenta
fomesafen - 67 g/L SL (F)	glyphosate - 271 g/L SL (F)			*FlexStar GT*	Syngenta

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
foramsulfuron - 22.5 g/L OD				*Option 2.25 OD*	Bayer
glufosinate - 150 g/L S				*ADAMA Glufosinate 150 SL*	ADAMA
glufosinate - 150 g/L SL				*Advantage Glufosinate 150*	Advantage Crop Protection Inc.
glufosinate - 150 g/L SL				*Innovis Glufosinate-ammonium 150 SN*	Innovis Crop Protection Limited
glufosinate - 150 g/L SL				*Interline*	UPL AgroSolutions
glufosinate - 150 g/L SL				*IPCO Glufosinate 150*	IPCO
glufosinate - 150 g/L SL				*Justice*	WinField United
glufosinate - 150 g/L SL				*Liberty 150 SN*	BASF
glufosinate - 150 g/L SL				*Opportunity 15 SL*	Sharda Cropchem
glufosinate - 150 g/L SL				*RHI Glufosinate Ammonium 150*	Rath Holdco Inc.
glufosinate - 150 g/L SL				*Victus*	NewAgco
glufosinate - 150 g/L SL				*Viking Glufosinate 150*	Viking
glufosinate - 150 g/L SL				*Granata*	Nufarm Agriculture
glufosinate - 180 g/L SL				*Liberty AMP*	BASF
glufosinate - 200 g/L SL				*Innovis Glufosinate 200 SN*	Innovis Crop Protection Limited
glufosinate - 200 g/L SL				*Liberty 200 SN*	BASF
glufosinate - 200 g/L SL				*Victus200 SN*	NewAgco
glufosinate - 280 g/L SL				*SyntheSIZE 280 HE*	Innovis Crop Protection Limited
glufosinate - 280 g/L SL				*RHI Glufosinate 280*	Rath Holdco Inc
glufosinate - 146 g/L SL (F)	quinclorac - 15 g/L (SL) (F)			*Advantage Glufosinate Plus*	Advantage Crop Protection
glyphosate - 360 g/L SL				*Advantage Glyphosate 360*	Advantage Crop Protection
glyphosate - 360 g/L SL				*Crush'R Plus*	Albaugh
glyphosate - 360 g/L SL				*Sharda Glyphosate*	Sharda Cropchem
glyphosate - 360 g/L SL				*Shotgun 360,*	Albaugh
glyphosate - 360 g/L SL				*Smoke*	FBN
glyphosate - 480 g/L SL				*Matrix*	IPCO
glyphosate - 540 g/L SL				*Advantage Glyphosate 540*	Advantage Crop Protection
glyphosate - 540 g/L SL				*Catchfire 540*	Vincere
glyphosate - 540 g/L SL				*Credit Xtreme*	Nufarm Agriculture
glyphosate - 540 g/L SL				*Credit 540 K*	Nufarm
glyphosate - 540 g/L SL				*Crush'R 540*	Albaugh
glyphosate - 540 g/L SL				*Destroyer 540*	NewAgco
glyphosate - 540 g/L SL				*Disruptor 540*	NewAgco
glyphosate - 540 g/L SL				*Factor 540*	IPCO
glyphosate - 540 g/L SL				*Gallop*	Sharda Cropchem
glyphosate - 540 g/L SL				*Goalline 540*	Vincere
glyphosate - 540 g/L SL				*Goalline 540 K HC*	Vincere
glyphosate - 540 g/L SL				*Glyforce WDG*	Sharda Cropchem
glyphosate - 540 g/L SL				*Glycere 540*	Vincere Agri Solutions Ltd.
glyphosate - 540 g/L SL				*J-Maxx 540*	Vincere Agri Solutions Ltd.
glyphosate - 540 g/L SL				*Preburn 540*	Vincere
glyphosate - 540 g/L SL				*Roundup Transorb HC*	Bayer
glyphosate - 540 g/L SL				*Roundup WeatherMax*	Bayer

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
glyphosate - 540 g/L SL				*R/T 540*	Bayer
glyphosate - 540 g/L SL				*Shotgun 540*	Albaugh
glyphosate - 540 g/L SL				*Start Up*	Loveland Products
glyphosate - 540 g/L SL				*Stonewall*	WinField United
glyphosate - 540 g/L SL				*Vector 540*	Federated Co-op
glyphosate - 540 g/L SL				*Viking 540 Glyphosate*	Viking
glyphosate - 317 g/L SL (F)	dicamba - 159 g/L SL (F)			*Roundup Xtend 2*	Bayer
glyphosate - 271 g/L SL (F)	fomesafen - 67 g/L SL (F)			*FlexStar GT*	Syngenta
glyphosate - 480 g/L SL	florasulam - 50 g/L SC			*PrePass XC*	Corteva Agriscience
glyphosate DMA - 204 g/L SL (F)	2,4-D Choline - 194 g/L SL (F)			*Enlist Duo*	Corteva Agriscience
halauxifen - 15 g/L EC (F)	carfentrazone - 27.97 g/L EC (F)			*Prospect*	Corteva Agriscience
halauxifen - 20% WG (F)	florasulam - 20% WG (F)			*Paradigm PRE*	Corteva Agriscience
halauxifen - 16.25g/L EC (F)	fluroxypyr - 250 g/L EC (F)			*Pixxaro Flexx*	Corteva
halauxifen - 6 g/L EC (F)	florasulam - 6 g/L EC (F)	2,4-D Ester - 300 g/L EC (F)		*Extinguish XL*	Corteva Agriscience
halauxifen - 16.2 g/L EC (F)	florasulam - 20% WG (F)	clopyralid - 600 g/L SL		*Cirpreme XC*	Corteva Agriscience
halauxifen - 20% WG (F)	florasulam - 20% WG (F)	MCPA Ester - 600 g/L EC		*CO-OP/IPCO Exhilarate*	IPCO
halauxifen - 20% WG (F)	florasulam - 20% WG (F)	MCPA Ester - 600 g/L EC		*Exhilarate XL*	Corteva Agriscience
halauxifen - 4.7 g/L ME (F)	fluroxypyr - 122.2 g/L ME (F)	clopyralid - 97.8 g/L ME (F)		*Prominex*	Corteva Agriscience
halauxifen - 16.2 g/L EC (F)	fluroxypyr - 250 g/L EC (F)	MCPA Ester - 600 g/L EC		*Pixxaro*	Corteva Agriscience
halauxifen - 4.2 g/L EC (F)	fluroxypyr - 104.2 g/L EC (F)	pinoxaden - 50 g/L EC		*Rezuvant XL*	Corteva Agriscience
halauxifen - 5% WG (F)	pyroxsulam - 15% WG (F)	2,4-D Ester - 660 g/L EC		*Rexade*	Corteva Agriscience
halosulfuron - 72.6% WG				*Permit*	Gowan
hexazinone - 75% WG				*Velpar DF CU*	Tessenderlo Kerley Inc.
imazamox - 20.6 G/L SL				*Nelatic*	Syngenta
imazamox - 20.6 g/L SL (F)				*Ransack*	Nufarm Agriculture
imazamox - 25 g/L SL				*Solo ADV*	BASF
imazamox - 70% WG				*Amity WDG*	Corteva Agriscience
imazamox - 70% WG				*Dakota*	Albaugh
imazamox - 70% WG				*Next*	Sharda Cropchem
imazamox - 70% WG				*Samauri*	NewAgco
imazamox - 70% WG				*Viking Imazamox*	Viking
imazamox - 80g/L SL				*Canvista*	Syngenta
imazamox - 80g/L SL				*Canvista*	Syngenta
imazamox - 80 g/L SL				*Davai 80SL*	ADAMA
imazamox - 120 g/L SL				*Image*	Sharda Cropchem
imazamox - 350 g/L SL				*Venim*	Nufarm Agriculture
imazamox - 20 g/L SL (F)	bentazon - 429 g/L SL (F)			*Benz*	Sharda Cropchem ENVU Canada
imazamox - 70% WG	bentazon - 480 g/L SL			*Boa Pro*	NewAgco
imazamox - 20 g/L SL (F)	bentazon - 429 g/L SL (F)			*Boa Pro Advanced*	NewAgco
imazamox - 20.6 g/L SL (F)	bentazon - 440 g/L SL (F)			*IPCO Maraud*	Interprovincial Cooperative Ltd.
imazamox - 80 g/L SL	bentazon - 480 g/L SL			*Python*	ADAMA
imazamox - 20 g/L SL (F)	bentazon - 429 g/L SL (F)			*Viper ADV*	BASF
Imazamox - 80 g/L SL	clethodim - 120 g/L EC			*Davai A Plus*	ADAMA
imazamox - 70% WG	clethodim - 240 g/L EC			*Samauri Master*	NewAgco
imazamox - 70% WG	clethodim - 240 g/L EC			*Viking Falun*	Viking
imazamox - 120 g/L SL	fluroxypyr - 333 g/L EC			*Altitude FX3*	BASF
imazamox - 33 g/L SL (F)	imazapyr - 15 g/L SL (F)			*Ares SN*	Corteva Agriscience
imazamox - 35% WG (F)	imazethapyr - 35% WG (F)			*Ninja*	NewAgco
imazamox - 35% WG (F)	imazethapyr - 35% WG (F)			*Odyssey NXT*	BASF
imazamox - 35% WG (F)	imazethapyr - 35% WG (F)			*Viking Skien*	Viking
imazamox - 25 g/L SL	quizalofop - 96 g/L EC			*Solo Ultra Q*	BASF

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
imazamox - 80 g/L SL	quizalofop -100 g/L EC			*Davai Q Plus*	ADAMA
imazamox - 70% WG	bentazon - 480 g/L SL	quizalofop-p - 96 g/L EC		*Anaconda*	NewAgco
imazamox - 35% WG (F)	imazethapyr - 35% WG (F)	clethodim - 240 g/L EC		*Ninja Master*	NewAgco
imazamox - 35% WG (F)	imazethapyr - 35% WG (F)	clethodim - 240 g/L EC		*Viknig Floro*	Viking
imazamox - 35% WG (F)	imazethapyr - 35% WG (F)	quizalofop - 96 g/L EC		*Odyssey Ultra Q*	BASF
imazapyr - 240 g/L SL				*Arsenal*	BASF
imazapyr - 15 g/L SL (F)	imazamox - 33 g/L SL (F)			*Ares SN*	Corteva Agriscience
imazethapyr - 240 g/L SL				*Kamikaze*	NewAgco
imazethapyr - 240 g/L SL				*Phantom*	ADAMA
imazethapyr - 240 g/L SL				*Pursuit*	BASF
imazethapyr - 240 g/L SL				*Viking Imazethapyr*	Viking
imazethapyr - 35% WG (F)	imazamox - 35% WG (F)			*Ninja*	NewAgco
imazethapyr - 35% WG (F)	imazamox - 35% WG (F)			*Odyssey NXT*	BASF
imazethapyr - 35% WG (F)	imazamox - 35% WG (F)			*Viking Skien*	Viking
imazethapyr - 240 g/L SL	imazamox - 80 g/L SL			*Quasar*	ADAMA
imazethapyr - 35% WG (F)	imazamox - 35% WG (F)	clethodim - 240 g/L EC		*Ninja Master*	NewAgco
imazethapyr - 35% WG (F)	imazamox - 35% WG (F)	clethodim - 240 g/L EC		*Viking Floro*	Viking
imazethapyr - 35% WG (F)	imazamox - 35% WG (F)	quizalofop - 96 g/L EC		*Odyssey Ultra Q*	BASF
indaziflam - 200 g/L SC				*Esplanade*	Bayer
indaziflam - 200 g/L SC				*Rejuvra*	ENVU Canada
linuron - 480 g/L SC				*Lorox L*	Tessenderlo Kerley Inc.
MCPA - 240.5 g/L EC (F)	clopyralid - 40 g/L EC (F)	fluroxypyr - 59.7 g/L EC (F)		*Esteem All In*	ADAMA
MCPA - 239.5 g/L EC (F)	clopyralid - 42.7 g/L EC (F)	fluroxypyr - 61.6 g/L EC (F)		*Repute*	Sharda Cropchem
MCPA - 350 g/L EC (F)	florasulam 2.5 g/L SC (F)	fluroxypyr - 100 g/L SC (F)		*IPCO Trace*	Interprovincial Cooperative Ltd.
MCPA - 350 g/L EC (F)	fluroxypyr - 100 g/L EC (F)	florasulam - 2.5 g/L EC (F)		*Sabatis*	Syngenta
MCPA - 280 g/L (F)	clopyralid - 50 g/L (F)	fluroxypyr - 333 g/L	flucarbazone - 66% WDG	*Denali CM*	NewAgco
MCPA Amine - 500, 600 g/L SL				*MCPA Amine*	Various
MCPA Amine - 275 g/L SL (F)	dicamba - 62.5 g/L SL (F)	mecoprop-P - 62.5 g/L SL (F)		*Sword*	Loveland Products
MCPA Amine - 275 g/L SL (F)	dicamba - 62.5 g/L SL (F)	mecoprop-P - 62.5 g/L SL (F)		*Tracker XP*	IPCO
MCPA Amine - 160 g/L SL (F)	mecoprop-P - 130 g/L SL (F)	dichlorprop-P - 310 g/L SL (F)		*Optica Trio*	UAP
MCPA Ester - 500, 600 g/L EC				*MCPA Ester*	Various
MCPA Ester - 225 g/L EC (F)	bromoxynil - 225 g/L EC (F)			*Badge*	ADAMA
MCPA Ester - 225 g/L EC (F)	bromoxynil - 225 g/L EC (F)			*Brox M*	Albaugh
MCPA Ester - 225 g/L EC (F)	bromoxynil - 225 g/L EC (F)			*Double Trouble*	Albaugh
MCPA Ester - 225 g/L EC (F)	bromoxynil - 225 g/L EC (F)			*Logic M*	IPCO
MCPA Ester - 280 g/L EC (F)	bromoxynil - 280 g/L EC (F)			*Brilliant*	Sharda Cropchem
MCPA Ester - 280 g/L EC (F)	bromoxynil - 280 g/L EC (F)			*Buctril M*	Bayer
MCPA Ester - 280 g/L EC (F)	bromoxynil - 280 g/L EC (F)			*Canuck*	NewAgco
MCPA Ester - 280 g/L EC (F)	bromoxynil - 280 g/L (F)			*Viking Hamar*	Viking
MCPA ester - 280 g/L EC (F)	bromoxynil - 280 g/L EC (F)			*Viking Hamar*	Viking
MCPA Ester - 280 g/L EC (F)	clopyralid - 50 g/L EC (F)			*Certain*	Sharda Cropchem
MCPA Ester - 280 g/L EC (F)	clopyralid - 50 g/L EC (F)			*Clobber M*	NewAgco
MCPA Ester - 280 g/L EC (F)	clopyralid - 50 g/L EC (F)			*Curtail M*	Nufarm Agriculture
MCPA Ester - 280 g/L EC (F)	clopyralid - 50 g/L EC (F)			*Spur-M*	Albaugh
MCPA Ester - 280 g/L EC (F)	clopyralid - 50 g/L EC (F)			*Viking Drammen*	Viking
MCPA Ester - 600 g/L EC	florasulam - 50 g/L SC			*Topline*	ADAMA
MCPA Ester - 600 g/L EC	fluroxypyr - 333 g/L EC			*Foxxy M*	NewAgco
MCPA Ester - 600 g/L EC	fluroxypyr - 180 g/L EC			*Viking Lidingo*	Viking
MCPA Ester - 600 g/L EC	fluroxypyr - 180 g/L EC			*Trophy*	Nufarm Agriculture
MCPA Ester - 420 g/L (F)	pyraflufen - 13.5 g/L (F)			*Goldwing*	Nufarm Agriculture
MCPA Ester - 500 or 600 g/L EC	thifensulfuron: tribenuron - 33.3%:16.7% SG			*BroadSide*	Loveland Products
MCPA Ester - 500 or 600 g/L EC	thifensulfuron: tribenuron - 33.3%:16.7% SG			*Refine M*	FMC

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
MCPA Ester - 200 g/L EC (F)	bromoxynil - 200g/L EC (F)	fluroxypyr - 80 g/L EC (F)		*CO-OP/IPCO Emit*	IPCO
MCPA Ester - 200 g/L EC (F)	bromoxynil - 200g/L EC (F)	fluroxypyr - 80 g/L EC (F)		*Enforcer M*	Nufarm Agriculture
MCPA Ester - 200 g/L EC (F)	bromoxynil - 200 g/L EC (F)	fluroxypyr - 80 g/L EC		*ForceFighter All In*	ADAMA
MCPA Ester - 280 g/L EC (F)	bromoxynil - 280 g/L EC (F)	fluroxypyr - 333 g/L EC		*Foxxy Canuck*	NewAgco
MCPA Ester - 200 g/L EC (F)	bromoxynil - 200g/L EC (F)	fluroxypyr - 80 g/L EC (F)		*Pierce*	Sharda Cropchem
MCPA Ester - 280 g/L EC (F)	bromoxynil - 280 g/L EC (F)	fluroxypyr - 180 g/L EC		*Viking Trycka*	Viking
MCPA Ester - 280 g/L EC (F)	clopyralid - 50 g/L EC (F)	fluroxypyr - 333 g/L EC		*Foxxy CM*	NewAgco
MCPA Ester - 280 g/L EC (F)	clopyralid - 50 g/L EC (F)	fluroxypry - 180 g/L EC		*Viking Stavanger*	Viking
MCPA Ester - 210 g/L EC (F)	fluroxypyr - 77 g/L EC (F)	clopyralid - 60 g/L EC (F)		*CO-OP/IPCO State*	IPCO
MCPA Ester - 210 g/L EC (F)	fluroxypyr - 77 g/L EC (F)	clopyralid - 60 g/L EC (F)		*Truslate Pro*	Nufarm Agriculture
MCPA Ester - 280 g/L EC (F)	fluroxypyr - 333 g/L EC	clopyralid - 50 g/L EC (F)		*Prestige XC*	Corteva Agriscience
MCPA Ester - 240 g/L EC (F)	fluroxypyr - 61.6 g/L EC (F)	clopyralid - 42.7 g/L EC (F)		*Prestige XL*	Corteva Agriscience
MCPA - 350 g/L EC (F)	florasulam - 2.5 g/L SC (F)	fluroxypyr - 100 g/L SC (F)		*CO-OP Revlox*	Interprovincial Cooperative Ltd.
MCPA - 350 g/L EC (F)	florasulam - 2.5 g/L SC (F)	fluroxypyr - 100 g/L SC (F)		*IPCO Trace*	Interprovincial Cooperative Ltd.
MCPA Ester - 350 g/L (F)	fluroxypyr - 100 g/L SC (F)	florasulam - 2.5 g/L SC (F)		*Stellar XL*	Corteva Agriscience
MCPA Ester - 350 g/L EC (F)	florasulam - 2.5 g/L SC (F)	fluroxypyr - 100 g/L SC (F)		*Outshine All In*	ADAMA
MCPA Ester - 600 g/L	florasulam - 2.5 g/L SC (F)	fluroxypyr - 100 g/L SC (F)		*Stellar*	Corteva Agriscience
MCPA Ester - 600 g/L EC	florasulam - 20% WG (F)	halauxifen - 20% WG (F)		*CO-OP/IPCO Exhilarate*	IPCO
MCPA Ester - 600 g/L EC	florasulam - 20% WG (F)	halauxifen - 20% WG (F)		*Exhilarate*	Corteva Agriscience
MCPA Ester - 420 g/L (F)	florasulam - 50 g/L SC	pyraflufen - 13.5 g/L (F)		*Thunderhawk*	Nufarm Agriculture
MCPA Ester - 600 g/L EC	halauxifen - 16.2 g/L EC (F)	fluroxypyr - 250 g/L EC(F)		*Pixxaro*	Corteva Agriscience
MCPA Ester - 600 g/L EC	thifensulfuron: tribenuron - 25%:25% SG	fluroxypyr - 333 g/L EC		*Foxxy MR*	NewAgco
MCPA Ester - 600 g/L EC	thifensulfuron: tribenuron - 25%:25% SG	fluroxypyr - 333 g/L EC		*Barricade M*	FMC
MCPA Ester - 197 g/L SC (F)	bromoxynil - 197 g/L SC (F)	flucarbazone - 16.7 g/L SC (F)	fluroxypyr - 74.1 g/L SC (F)	*Batalium*	UPL AgroSolutions
MCPA Ester - 600 g/L EC	thifensulfuron: tribenuron - 25%:25% SG	fluroxypyr - 333 g/L EC	thiencarbazone - 10 g/L SC	*Predicade*	FMC
MCPA K+ - 400 g/L SL				*MCPA K+*	Various
MCPA K+ - 25 g/L SL (F)	MCPB - 375 g/L SL (F)			*Topside*	Loveland Products
MCPA K+ - 25 g/L SL (F)	MCPB - 375 g/L SL (F)			*Tropotox Plus*	Nufarm Agriculture
MCPA Na+ - 300 g/L SL				*MCPA Na*	Various
MCPA Na+ - 25 g/L SL (F)	MCPB - 375 g/L SL (F)			*Clovitox Plus*	IPCO
MCPB - 375 g/L SL (F)	MCPA K+ - 25 g/L SL (F)			*Topside*	Loveland Products
MCPB - 375 g/L SL (F)	MCPA K+ - 25 g/L SL (F)			*Tropotox Plus*	Nufarm Agriculture
MCPB - 375 g/L SL (F)	MCPA Na+ - 25 g/L SL (F)			*Clovitox Plus*	IPCO
mecoprop-P - 150 g/L SL				*Mecoprop-P*	UAP
mecoprop-P - 62.5 g/L SL (F)	dicamba - 62.5 g/L SL (F)	MCPA Amine - 275 g/L SL (F)		*Sword*	Loveland Products
mecoprop-P - 62.5 g/L SL (F)	dicamba - 62.5 g/L SL (F)	MCPA Amine - 275 g/L SL (F)		*Tracker XP*	IPCO
mecoprop-P - 130 g/L SL (F)	dichlorprop-P - 310 g/L SL (F)	MCPA Amine - 160 g/L SL (F)		*Optica Trio*	UAP
mesotrione - 480 g/L SL				*Callisto 480 SC*	Syngenta Canada
metolachlor - 915 g/L EC				*Dual II Magnum*	Syngenta
metolachlor - 915 g/L EC				*Komodo*	UPL AgroSolutions
metolachlor - 915 g/L EC				*Metallica*	Sharda Cropchem
metolachlor - 915 g/L EC				*Stallion*	NewAgco
metolachlor - 400 g/L SC (F)	atrazine - 320 g/L SC (F)			*Primextra II Magnum*	Syngenta
metolachlor - 405 g/L EC (F)	metribuzin - 135 g/L EC (F)			*Strim MTZ*	UPL AgroSolutions
metribuzin - 70% WG				*Buzzin*	Sharda Cropchem
metribuzin - 75% WG				*Meteor*	NewAgco
metribuzin - 75% WG				*Meter 75 DF*	Sharda Cropchem
metribuzin - 75% WG				*Sencor 75DF*	Bayer

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
metribuzin - 75% WG				*Squadron*	ADAMA
metribuzin - 75% WG				*TriCor 75DF*	UPL AgroSolutions
metribuzin - 75% WG				*Viking Metribuzin*	Viking
metribuzin - 480 g/L SC				*Metrix SC*	Sharda Cropchem
metribuzin - 480 g/L SC				*Sencor 480 F*	Bayer
metribuzin - 480 g/L SC				*TriCor LQ*	UPL AgroSolutions
metribuzin - 347 g/L SC (F)	flumioxazin - 77.6 g/L SC (F)			*IPCO Bifecta EZ*	IPCO
metribuzin - 135 g/L EC (F)	metolachlor - 405 g/L EC (F)			*Strim MTZ*	UPL AgroSolutions
metsulfuron - 60% WG				*Ally*	FMC
metsulfuron - 60% WG				*Escort*	Envu Canada
metsulfuron - 60% WG				*MPOWER Pro*	NewAgco
metsulfuron - 60% WG				*Plotter*	Albaugh
metsulfuron - 60% WG				*Met Pro II*	NewAgco
metsulfuron - 12.6% WG (F)	aminocyclopyrachlor - 39.5% WG (F)			*TruRange*	Envu Canada
metsulfuron - 12.6% WG (F)	aminocyclopyrachlor - 39.5% WG (F)			*Navius Flex*	Envu Canada
metsulfuron - 9.45% WG (F)	aminopyralid - 52.5% WG (F)			*ClearView*	Corteva Agriscience
metsulfuron - 5.4% WG (F)	saflufenacil - 64.6% WG (F)			*Smoulder*	BASF
metsulfuron - 8.6% SG (B)	tribenuron - 42.9% SG (B)			*Express Pro*	FMC
metsulfuron - 9.45% WG (F)	aminopyralid - 52.5% WG (F)	2,4-D Ester - 660 g/L EC		*Reclaim II*	Corteva Agriscience
metsulfuron - 9.45% WG (F)	aminopyralid - 52.5% WG (F)	fluroxypyr - 333 g/L EC		*Sightline*	Corteva Agriscience
metsulfuron - 1.28% WGR (B)	dicamba - 59.57 %	tribenuron - 6.38% WGR (B)		*Express FT*	FMC
metsulfuron - 3 g/L SC (F)	thifensulfuron - 30 g/L SC (F)	fluroxypyr - 150 g/L SC (F)		*Travallas*	FMC
nicosulfuron - 54.55% WG				*Accent IS*	Corteva Agriscience
nicosulfuron - 75% WG				*Accent*	Corteva Agriscience
nicosulfuron - 75% WG				*Nicosh*	Sharda CropChem
nicosulfuron - 75% WG				*Primero*	Albaugh
nicosulfuron - 25% WG (F)	rimsulfuron - 12.5% WG (F)			*Steadfast IS*	Corteva Agriscience
pelergonic acid - 500/680 g/L EC				*Beloukha*	Belchim Crop Protection
picloram - 240 g/L SL				*Tordon 22K*	Corteva Agriscience
picloram - 97.5 g/L SL (F)	2,4-D Choline - 360 g/L SL (F)			*Grazon XC*	Corteva Agriscience
pinoxaden - 50 g/L EC				*Ace 50*	NewAgco
pinoxaden - 50 g/L EC				*Axial*	Syngenta
pinoxaden - 50 g/L EC				*Brazen All In*	ADAMA
pinoxaden - 50 g/L EC				*Pina*	Sharda Cropchem
pinoxaden - 50 g/L EC				*Viking Pinoxaden 50*	Viking
pinoxaden - 100 g/L EC				*Advantage Pinoxaden*	Advantage Crop Protection
pinoxaden - 100 g/L EC				*Brazen II*	ADAMA
pinoxaden - 100 g/L EC				*CO-OP/IPCO Avant*	IPCO
pinoxaden - 100 g/L EC				*Epic*	Nufarm Agriculture
pinoxaden - 100 g/L EC				*Epic II*	Nufarm Agriculture
pinoxaden - 100 g/L EC				*Trondus*	Syngenta
pinoxaden - 25 g/L EC (F)	clodinafop - 25 g/L EC (F)			*Traxos*	Syngenta
pinoxaden - 50 g/L EC (F)	fenoxaprop-p - 50 g/L EC (F)			*Cirray XL*	Bayer
pinoxaden - 92.7 g/L EC (F)	florasulam - 7.7 g/L EC (F)			*Broadband*	Syngenta
pinoxaden - 50 g/L EC (F)	fluroxypyr - 87.5 g/L EC (F)			*Kingpin*	Sharda Cropchem
pinoxaden - 50 g/L EC (F)	fluroxypyr - 87.5 g/L EC (F)			*Axial Xtreme*	Syngenta
pinozaden - 25.1 g/L (F)	fluroxypyr - 111 g/L (F)	clodinafop - 25.1 g/L (F)		*Traxos Xtreme*	Syngenta
pinoxaden - 50 g/L EC	fluroxypyr - 100 g/L SC (F)	florasulam - 5 g/L SC (F)		*Avenza*	Corteva Agriscience
pinoxaden - 50 g/L EC	fluroxypyr - 104.2 g/L EC(F)	halauxifen - 4.2 g/L EC (F)		*Rezuvant XL*	Corteva Agriscience
pinoxaden - 25 g/L EC (F1)	clodinafop - 25 g/L EC (F1)	fluroxypyr - 90 g/L EC (F2)	2,4-D Ester - 360 g/L EC (F2)	*TraxosTwo*	Syngenta
pinoxaden - 50 g/L EC (F1)	fluroxypyr - 87.5 g/L EC (F1)	bicyclopyrone - 37.5 g/L EC (F2)	bromoxynil - 175 g/L EC (F2)	*Axial Maxx*	Syngenta

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
pinoxaden - 50 g/L EC (F1)	fluroxypyr - 87.5 g/L EC (F1)	pyrasulfotole - 37.5 g/L EC (F2)	bromoxynil - 210 g/L EC (F2)	*Axial Xtreme iPak*	Syngenta
propoxycarbazone - 70% WG				*Olympus*	Bayer
propyzamide - 400 g/L SC				*Kerb SC*	Corteva Agriscience
pinoxaden - 100 g/L OD (F)	thiencarbazone-methyl - 8.3 g/L OD (F)			*Cazado*	ADAMA
pyraflufen - 6.1 g/L (F)	2,4-D Ester - 473 g/L (F)			*BlackHawk*	Nufarm Agriculture
pyraflufen - 15 EC (F)	bromoxynil - 467g/L EC (F)			*Conquer II*	Nufarm Agriculture
pyraflufen - 13.5 g/L (F)	MCPA Ester - 420 g/L (F)			*Goldwing*	Nufarm Agriculture
pyraflufen - 7.3 g/L EC (F)	dichlorprop - 284 g/L EC (F)	2,4-D Ester - 284 g/L EC (F)		*Blackhawk EVO*	Nufarm Agriculture
pyraflufen - 13.5 g/L (F)	MCPA Ester - 420 g/L (F)	florasulam - 50 g/L SC		*Thunderhawk*	Nufarm Agriculture
pyrasulfatole - 25 g/L (EC) (F)	bromoxynil - 280 g/L (EC) (F)			*Huskie PRE*	Bayer
pyrasulfotole - 37.5 g/L EC (F)	bromoxynil - 210 g/L EC (F)			*Infinity*	Bayer
pyrasulfotole - 31.1 g/L EC (F)	bromoxynil - 174.3 g/L EC (F)	fluroxypyr - 72 g/L EC (F)		*Infinity FX*	Bayer
pyrasulfotole - 15.5 g/L EC (F)	bromoxynil - 87.5 g/L EC (F)	fenoxaprop-p - 46 g/L EC (F)		*Tundra*	Bayer
pyrasulfotole - 31.3 g/L EC (F)	bromoxynil - 175 g/L EC (F)	thiencarbazone - 5 g/L SC (F)		*Velocity m*3	Bayer
pyrasulfotole - 37.5 g/L EC (F)	bromoxynil - 210 g/L EC (F)	pinoxaden - 50 g/L EC (F1)	fluroxypyr - 87.5 g/L EC (F1)	*Axial Xtreme iPak*	Syngenta
pyridate - 600 g/L EC				*Tough EC*	Belchim Crop Protection
pyroxasulfone - 500 g/L				*Zidua SC*	BASF
pyroxasulfone - 447 g/L SE (F)	carfentrazone - 53 g/L SE (F)			*Focus*	FMC
pyroxasulfone - 203 g/L SC (F)	flumioxazin - 160 g/L SC (F)			*Fierce EZ*	Valent
pyroxasulfone - 44.5% WG (F)	flumioxazin - 33.5% WG (F)			*Fierce*	Valent
pyroxasulfone - 44.5% WG (F)	flumioxazin - 33.5% WG (F)			*Torpedo*	Valent
pyroxasulfone - 203 g/L SC (F)	flumioxazin - 160 g/L SC (F)			*Torpedo EZ*	Valent
pyroxasulfone - 250 g/L SC (F)	sulfentrazone - 250 g/L SC (F)			*Authority Supreme*	FMC
pyroxasulfone - 447 g/L SE	carfentrazone - 53 g/L SE	florasulam - 50g/L EC		*Focus NXT*	FMC
pyroxasulfone - 500 g/L	trifludimoxazin 125 g/L SC (F)	saflufenacil 250 g/L (SC) (F)		*Voraxor Complete*	BASF
pyroxsulam - 21.5% WG				*Simplicity GoDRI*	Corteva Agriscience
pyroxsulam - 30 g/L SC				*CO-OP Tranquil*	Interprovincial Cooperative Ltd.
pyroxsulam - 30 g/L SC				*Simplicity OD*	Corteva Agriscience
pyroxsulam - 30 g/L SC				*IPCO Aura*	Interprovincial Cooperative Ltd.
pyroxsulam - 12.8 g/L SC (F)	fluroxypyr - 113.5 g/L SC (F)			*Erebus Xtreme*	Syngenta
pyroxsulam - 30 g/L OD	fluroxypyr - 333 g/L EC			*Tandem*	Corteva Agriscience
pyroxsulam - 15% WG (F)	halauxifen - 5% WG (F)	2,4-D Ester - 660 g/L EC		*Rexade*	Corteva Agriscience
quinclorac - 75% WDG				*Clever*	FBN Canada
quinclorac - 75% WDG				*Ingenious*	UAP
quinclorac - 180 g/L SL				*Facet L*	BASF
quinclorac - 15 g/L (SL) (F)	glufosinate - 146 g/L SL (F)			*Advantage Glufosinate Plus*	Advantage Crop Protection
quizalofop - 120 g/L EC (F)	clethodim - 240 g/L EC (F)			*Select Plus*	UPL AgroSolutions Canada
quizalofop-p - 96 g/L EC				*Assure II*	AMVAC Canada
quizalofop-p - 96 g/L EC				*Caziva Ultra Q*	BASF
quizalofop-p - 96 g/L EC				*CO-OP/IPCO Contender II*	IPCO
quizalofop-p - 96 g/L EC				*Elegant 10EC*	Sharda Cropchem
quizalofop-p - 96 g/L EC				*Idol*	Nufarm Agriculture
quizalofop-p - 100 g/L EC				*Leopard*	ADAMA
quizalofop-p - 96 g/L EC				*Quiz*	NewAgco
quizalofop-p - 96 g/L EC				*Viking Quizalofop*	Viking
quizalofop-p - 96 g/L EC				*Yuma GL*	Gowan
quizalofop-p - 96 g/L EC	bentazon - 480 g/L SL			*Boa IQ*	NewAgco
quizalofop-p - 96 g/L EC	imazamox - 25 g/L SL			*Solo Ultra Q*	BASF

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
quizalofop-p -100 g/L EC	imazamox- 80 g/L SL			*Davai Q Plus*	ADAMA
quizalofop-p - 96 g/L EC	bentazon - 480 g/L SL	imazamox - 70% WG		*Anaconda*	NewAgco
quizalofop-p - 96 g/L EC	imazamox - 35% WG (F)	imazethapyr - 35% WG (F)		*Odyssey Ultra Q*	BASF
rimsulfuron - 20% WG				*Sortan IS*	Corteva Agriscience
rimsulfuron - 25% SG				*Prism SG*	Corteva Agriscience
rimsulfuron - 25% WG				*Hinge*	Albaugh
rimsulfuron - 25% WG				*Sharda Rimsulfuron*	Sharda Cropchem
rimsulfuron - 12.5% WG (F)	nicosulfuron - 25% WG (F)			*Steadfast IS*	Corteva Agriscience
saflufenacil - 70% SG				*Heat WG*	BASF
saflufenacil - 342 g/L SC				*Detail*	BASF
saflufenacil - 342 g/L SC				*Heat Harvest*	BASF
saflufenacil - 342 g/L SC				*Heat LQ*	BASF
saflufenacil - 342 g/L SC				*Torch*	Loveland Products
saflufenacil - 64.6% WG (F)	metsulfuron - 5.4% WG (F)			*Smoulder*	BASF
saflufenacil - 250 g/L (SC) (F)	trifludimoxazin 125 g/L SC (F)			*Voraxor*	BASF
saflufenacil - 250 g/L (SC) (F)	pyroxasulfone - 500 g/L	trifludimoxazin 125 g/L SC (F)		*Voraxor Complete*	BASF
simazine - 90% WG				*Princep Nine T*	Syngenta
simazine - 480 g/L SC				*Simazine 480*	Loveland Products
sulfentrazone - 480 g/L SC				*Astir*	Nufarm
sulfentrazone - 480 g/L SC				*Authority 480*	FMC
sulfentrazone - 480 g/L SC				*CO-OP Governor*	CO-OP
sulfentrazone - 480 g/L SC				*Intensa*	Sharda Cropchem
sulfentrazone - 480 g/L SC				*IPCO Tactic*	IPCO
sulfentrazone - 480 g/L SN				*Lucto*	Sipcam
sulfentrazone - 480 g/L SC				*Sulfentra*	FMC
sulfentrazone - 480 g/L SC				*Viking Sulfentrazone*	Viking
sulfentrazone - 380 g/L SE (F)	carfentrazone - 42 g/L SE (F)			*Authority Strike*	FMC
sulfentrazone - 480 g/L SC (F1)	carfentrazone - 240 g/L EC (F2)			*Throne II Revenge*	NewAgco
sulfentrazone - 250 g/L SC (F)	pyroxasulfone - 250 g/L SC (F)			*Authority Supreme*	FMC
tembotrione - 420 g/L SC				*Laudis*	Bayer
thiencarbazone - 10 g/L SC				*Varro*	Bayer
thiencarbazone - 5 g/L EC (F)	fluroxypyr - 118 g/L EC (F)			*Varro FX*	Bayer
thiencarbazone - 10 g/L SC	fluroxypyr - 333 g/L EC	thifensulfuron: tribenuron - 25%:25% SG	MCPA Ester - 600 g/L EC	*Predicade*	FMC
thiencarbazone - 5 g/L SC (F)	pyrasulfotole - 31.3 g/L EC (F)	bromoxynil - 175 g/L EC (F)		*Velocity m3*	Bayer
thiencarbazone-methyl - 8.3 g/L OD (F)	pinoxaden - 100 g/L OD (F)			*Cazado*	ADAMA
thifensulfuron - 50% SG				*Pinnacle SG*	FMC
thifensulfuron - 50% SG				*Pinnacle SG Toss-n-Go*	FMC
thifensulfuron - 75% WG				*Volta*	Albaugh
thifensulfuron - 30 g/L SC (F)	fluroxypyr - 150 g/L SC (F)			*Sentrallas*	FMC
thifensulfuron - 30 g/L SC (F)	fluroxypyr - 150 g/L SC (F)	metsulfuron - 3 g/L SC (F)		*Travallas*	FMC
thifensulfuron: tribenuron - 50%:25% WG				*Draft*	Albaugh
thifensulfuron: tribenuron - 50%:25% SG				*MPOWER RX*	NewAgco
thifensulfuron: tribenuron - 33.3%:16.7% SG				*Refine SG*	FMC
thifensulfuron: tribenuron - 50%:25% SG				*Viking Navik*	Viking
thifensulfuron: tribenuron - 50%:25% WG	fluroxypyr - 180 g/L EC			*Audible*	Albaugh
thifensulfuron:tribenuron - 25%:25% SG	fluroxypyr - 333 g/L EC			*Barricade II*	FMC

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
thifensulfuron:tribenuron - 25%:25% SG	fluroxypyr - 333 g/L EC			*Barricade III*	FMC
thifensulfuron: tribenuron - 25%:25% SG	fluroxypyr - 180 g/L EC			*Foxxy RCK*	NewAgco
thifensulfuron: tribenuron - 25%:25% SG	fluroxypyr - 333 g/L EC			*Foxxy R Extreme*	NewAgco
thifensulfuron: tribenuron - 33.3%:16.7% SG	MCPA Ester - 500 or 600 g/L EC			*BroadSide*	Loveland Products
thifensulfuron: tribenuron - 33.3%:16.7% SG	MCPA Ester - 500 or 600 g/L EC			*Refine M*	FMC
thifensulfuron: tribenuron - 50%:25% SG	clodinafop - 112 g/L (F)	fluroxypyr - 217 g/L EC (F)		*Signal FSU*	Nufarm Agriculture
thifensulfuron: tribenuron - 33.3%:16.7% SG	fluroxypyr - 333 g/L EC	2,4-D Ester - 564 g/L EC		*Retain SG*	Loveland Products
thifensulfuron: tribenuron - 50%:25% WG	fluroxypyr - 180 g/L EC	2,4-D Ester - 564 g/L EC		*Foxxy Pro RX*	NewAgco
thifensulfuron: tribenuron - 50%:25% WG	fluroxypyr - 333 g/L EC	clopyralid - 360 g/L SL		*Foxxy CRX*	NewAgco
thifensulfuron: tribenuron - 50%:25% WG	fluroxypyr - 180 g/L EC	clopyralid - 360 g/L EC		*Viking Larvik*	Viking
thifensulfuron: tribenuron - 50%:25% WG	fluroxypyr - 180 g/L EC	clopyralid - 360 g/L EC		*Viking Larvik*	Viking
thifensulfuron: tribenuron - 50%:25% WG	fluroxypyr - 180 g/L EC	clopyralid - 360 g/L EC		*Viking Larvik*	Viking
thifensulfuron: tribenuron - 25%:25% SG	fluroxypyr - 333 g/L EC	MCPA Ester - 600 g/L EC		*Barricade M*	FMC
thifensulfuron: tribenuron - 25%:25% SG	fluroxypyr - 333 g/L EC	MCPA Ester - 600 g/L EC		*Foxxy MR*	NewAgco
thifensulfuron: tribenuron - 25%:25% SG	fluroxypyr - 333 g/L EC	thiencarbazone - 10 g/L SC	MCPA Ester - 600 g/L EC	*Predicade*	FMC
tiafenacil - 339 g/L SC				*Insight SC*	Gowan
tolpyralate - 400 g/L SC				*Shieldex 400SC*	Gowan
tolpyralate - 18.7 g/L EC (F)	bromoxynil - 186.6 g/L EC (F)			*OnDeck*	Corteva Agriscience
tolpyralate - 400 g/L SC (F)	carfentrazone - 240 g/L EC (F)			*Avireo*	FMC
topremazone - 336 g/L SC				*Armezon*	BASF
topremazone - 336 g/L SC				*Impact*	UAP
topramezone - 336 g/L SC				*Topple*	Sharda Cropchem
topremazone - 336 g/L SC	bromoxynil - 235 g/L EC			*Certitude*	BASF
tralkoxydim - 400 g/L SC				*Achieve (Liquid Achieve)*	Corteva Agriscience
tralkoxydim - 400 g/L SC				*Bison*	ADAMA
tralkoxydim - 400 g/L SC				*Marengo*	Loveland Products
tralkoxydim - 400 g/L SC				*Nufarm Tralkoxydim*	Nufarm Agriculture
triallate - 10% G				*Avadex MicroActiv*	Gowan
triallate - 10% G				*YieldShield Resiliant Soilsorb*	Rath Holdco Inc.
triallate - 480 g/L EC				*Avadex Liquid EC*	Gowan
triallate - 480 g/L EC				*RHI Triallate 480 EC*	Rath Holdco Inc.
triallate - 10% G (F)	trifluralin - 4% G (F)			*RHI Triallate 10%-Trifluralin 4%*	Rath Holdco Inc.
triallate - 10% G (F)	trifluralin - 4% G (F)			*Fortress MicroActiv*	Gowan
tribenuron - 50% SG				*Express SG*	FMC

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
tribenuron - 50% WG				*Involve 50 WDG*	ADAMA
tribenuron - 75% WG				*Cleat*	Albaugh
tribenuron - 75% WG				*MPOWER Extra*	NewAgco
tribenuron - 75% WG				*Tribe 75 WDG*	Sharda Cropchem
tribenuron - 75% WG				*Viking Tribenuron*	Viking
tribenuron - 75% WG	carfentrazone - 240 g/L EC			*Revenge E*	NewAgco
tribenuron - 75% WGR	dicamba - 480 g/L SL			*Ammo Extra*	NewAgco
tribenuron - 6.52% WG (F)	dicamba - 60.87 g/L WG (F)			*Express FX*	FMC
tribenuron - 25% WG (F)	flucarbazone - 45 %WG (F)			*Inferno Duo*	UPL AgroSolutions
tribenuron - 42.9% SG (B)	metsulfuron - 8.6% SG (B)			*Express Pro*	FMC
tribenuron - 6.52% WG (F)	dicamba - 60.9% WG (F)	carfentrazone - 240 g/L EC		*Intruvix*	FMC
tribenuron - 4.69% WGR (B)	dicamba - 43.75% WGR (B)	carfentrazone - 11.25% WGR(B)		*Intruvix II*	FMC
tribenuron - 6.38% WGR (B)	dicamba - 59.57 %	metsulfuron - 1.28 %		*Express FT*	FMC
tribenuron - 75% WG	flucarbazone - 66 % WDG			*Viking Visby*	Viking
tribenuron - 75% WG	flucarbazone - 66 % WG			*Himalaya Extra*	NewAgco
trifludimoxazin 125 g/L SC (F)	saflufenacil 250 g/L (SC) (F)			*Voraxor*	BASF
trifludimoxazin 125 g/L SC (F)	saflufenacil 250 g/L (SC) (F)	pyroxasulfone - 500 g/L		*Voraxor Complete*	BASF
trifluralin - 10% G				*Bonanza 10G*	UAP
trifluralin - 10% G				*Bonita*	Sharda Cropchem
trifluralin - 10% G				*Rival 10G*	Nufarm Agriculture
trifluralin - 10% G				*Treflan MicroActiv*	Gowan
trifluralin - 10% G				*Yieldshield Respectra Soilsorb*	Rath Holdco Inc.
trifluralin - 480 g/L EC				*Bonanza 480 Liquid*	UAP
trifluralin - 480 g/L EC				*RHI Trifluralin 480 EC*	Rath Holdco Inc.
trifluralin - 480 g/L EC				*Thrill*	Sharda Cropchem
trifluralin - 480 g/L EC				*Treflan Liquid EC*	Gowan
trifluralin - 500 g/L EC				*Rival EC*	Nufarm Agriculture
trinexapac-ethyl - 113 g/L EC				*Moddus*	Syngenta

Foliar Fungicides

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
ametoctradin - 300 g/L SC (F)	dimethomorph - 225 g/L SC (F)			*Zampro*	BASF
azoxystrobin - 75 g/L SC (F)	propiconazole - 125 g/L SC (F)			*Quilt*	Syngenta
azoxystrobin - 75 g/L SC (F)	propiconazole - 125g/L SC (F)	benzovindiflupyr - 100 g/L EC		*Trivapro*	Syngenta
azoxystrobin - 100 g/L SC	propiconazole - 125 g/L SC	pydiflumetofen - 75 g/L SC		*Miravis Neo 300SE*	Syngenta
azoxystrobin - 120 g/L EC	prothioconazole- 90 g/L EC			*Maxentis*	Adama Agricultural Canada
azoxystrobin - 120 g/L SC	tebuconazole - 200 g/L SC			*Custodia*	ADAMA
azoxystrobin - 143 g/L SC (F)	propiconazole - 124 g/L SC (F)			*Topnotch*	ADAMA
azoxystrobin - 150 g/L EC	prothioconazole - 150 g/L EC			*Gauntlet*	Nufarm Agriculture
azoxystrobin - 250 g/L SC	prothioconazole - 480 g/L SC			*Rambler Pro*	NewAgco Inc.
azoxystrobin - 250 g/L SC	Prothioconazole - 480 g/L SC			*Viking Kannus*	VIKING Crop Production Partners Inc.
azoxystrobin - 200 g/L SC (F)	difenoconazole - 125 g/L SC (F)			*Quadris Top*	Syngenta
azoxystrobin - 250 g/L SC	benzovindiflupyr - 100 g/L EC			*Elatus*	Syngenta
azoxystrobin - 250 g/L SC				*Azoshy 250SC*	Sharda Crop Chem
azoxystrobin - 250 g/L SC				*Quadris*	Syngenta
azoxystrobin - 250 g/L SC				*Quasi*	AgraCity
azoxystrobin - 250 g/L SC	propiconazole - 250 g/L SC (F)			*Quasimodo*	AgraCity
azoxystrobin - 250 g/L SC				*Emissarius*	UAP Canada
azoxystrobin - 250 g/L SC				*Razor*	Albaugh
azoxystrobin - 250 g/L SC				VIKING Azoxystrobin	Viking Crop Production Partners Inc.
azoxystrobin - 390 g/L SC				*AZteroid FC*	UAP Canada
azoxystrobin - 250 g/L SC	prothioconazole - 480 g/L SC			*Rambler Pro*	NewAgco Inc.
azoxystrobin - 250 g/L SC	prothioconazole - 480 g/L SC			Viking Kannus	VIKING Crop Production Partners Inc.
Bacillus amyloliquefaciens - $5x10^{10}$ spores/mL AS				*Double Nickel LC*	UAP
Bacillus amyloliquefaciens - $5.5x10^{10}$ spores/mL AS				*Serifel*	BASF
Bacillus amyloliquefaciens - $1x10^{10}$ spores/mL AS				*Double Nickel 55*	UAP
Bacillus mycoides - 40% WG				*LifeGard WG*	UAP
Bacillus subtilis - $1x10^{9}$ CFU/g AS				*Serenade SOIL*	Bayer
Bacillus subtilis - 1.31×10^{10} CFU/g WP				*Serenade OPTI*	Bayer
benzovindiflupyr - 78 g/L EC (F)	difenoconazole - 117g/L EC (F)			*Aprovia Top*	Syngenta
benzovindiflupyr - 100 g/L EC	azoxystrobin - 75 g/L SC (F)	propiconazole - 125g/L SC (F)		*Trivapro*	Syngenta
benzovindiflupyr - 100 g/L EC	azoxystrobin - 250 g/L SC			*Elatus*	Syngenta
benzovindiflupyr - 100 g/L EC	prothioconazole - 250 g/L EC			*Elatus Era*	Syngenta Canada Inc.
boscalid - 250 g/L SC (F)	prothioconazole - 150 g/L SC (F)			*Cotegra*	BASF
boscalid - 70% WG	pyraclostrobin - 250 g/L EC			*Lance AG*	BASF
boscalid - 70% WG				*Cantus WDG*	BASF
boscalid - 70% WG				*Lance WDG*	BASF
boscalid - 70% WG				*Cabil*	Sharda CropChem
boscalid - 70% WG				*Shaft*	Sharda CropChem
boscalid - 70% WG				*Maxunitech Boscalid 70% WG*	Maxunitech North America
boscalid - 70% WG				*Terra Guard*	Tide International Canada, Inc.

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
chlorothalonil - 500 g/L SC				*Bravo 500*	Syngenta
chlorothalonil - 500 g/L SC				*Bravo ZN*	Syngenta
chlorothalonil - 720 g/L SC				*Echo 720*	UAP
chlorothalonil - 720 g/L SC				*Echo NP*	UAP
chlorothalonil - 90% WG				*Echo 90WSP*	UAP
chlorothalonil - 500 g/L SC (DC)	metalaxyl-M - 480 g/L EC (DC)			*Ridomil Gold / Bravo*	Syngenta
chlorothalonil - 500 g/L SC (DC)	metalaxyl-M - 480 g/L EC (DC)			*Ridomil Gold SL / Bravo*	Syngenta
Coniothyrium minitans - 5.3% WG				*LALSTOP Contans WG*	UAP
copper hydroxide - 24.4% WG				*Parasol FL*	Nufarm Agriculture
copper hydroxide - 50% WG				*Parasol WG*	Nufarm Agriculture
copper hydroxide - 50% WG				*HyCop*	Sharda CropChem
copper octanoate - 1.8% SL				*Cueva*	Belchim Crop Protection
copper sulphate / copper oxychloride - 53% WP				*Copper 53W*	Loveland Products
copper sulphate / copper oxychloride - 50% WP				*Corbanza*	Sharda CropChem
copper sulphate / copper oxychloride - 50% WP				*Copper Spray*	Loveland Products
cyazofamid - 400 g/L SC				*Ranman 400SC*	UAP
cymoxanil - 60% WG				*Curzate*	Corteva Agriscience
cymoxanil - 25% WG (F)	famoxadone - 25% WG (F)			*Tanos*	Corteva Agriscience
difenoconazole - 125 g/L SC (F)	azoxystrobin - 200 g/L SC (F)			*Quadris Top*	Syngenta
difenoconazole - 125 g/L SC	pydiflumentofen - 75 g/L SC			*Miravis Duo*	Syngenta
difenoconazole - 117 g/L EC (F)	benzovindiflupyr - 78 g/L EC (F)			*Aprovia Top*	Syngenta
dimethomorph - 500 g/L SC				*Forum*	BASF
dimethomorph - 225 g/L SC (F)	ametoctradin - 300 g/L SC (F)			*Zampro*	BASF
famoxadone - 25% WG (F)	cymoxanil - 25% WG (F)			*Tanos*	Corteva Agriscience
fenamidone - 500 g/L SC				*Reason 500SC*	Gowan
florylpicoxamid - 50 g/L EC	pyraclostrobin - 100 g/L EC			*Zetigo PRM*	Corteva Agriscience
fluazinam - 40% SC				*Allegro 500F*	Syngenta
fluazinam - 40% SC				*Downforce AG*	Sipcam Agro USA
fluazinam - 500 g/L SC				*Vantana*	ADAMA Canada
fludioxinil - 150 g/L SC	pydiflumetofen - 100 g/L SC			*Miravis Star*	Syngenta Canada Inc
fluopyram - 100 g/L SC	prothioconazole - 200 g/L SC	tebuconazole - 100 g/L SC		*Prosaro PRO*	Bayer
fluopyram - 125 g/L SC (F)	pyrimethanil - 375 g/L SC (F)			*Luna Tranquility*	Bayer
fluopyram - 128 g/L SC	prothioconazole - 176.2 g/L SC	trifloxystrobin - 154 g/L SC		*Delaro Complete*	Bayer
fluopyram - 200 g/L SC (F)	prothioconazole - 200 g/L SC (F)			*Propulse*	Bayer
fluopyram - 200 g/L SC (F)	prothioconazole - 200 g/L SC (F)			*Proline Gold*	Bayer
fluopyram - 250 g/L SC	penflufen - 106 g/L SC			*Velum Rise*	Bayer
fluopyram - 500 g/L SC				*Velum Prime*	Bayer
fluoxastrobin - 200 g/L SC	tetraconazole - 200 g/L (ME)			*Zolera FX*	UPL AgroSolutions
fluoxastrobin - 480 g/L SC				*Evito 480*	UPL AgroSolutions
flutriafol - 125.08 g/L SC				*Fullback 125 SC*	FMC
fluxapyroxad - 30 g/L EC (F)	pyraclostrobin - 200 g/L EC (F)	propiconazole - 125 g/L EC (F)		*Nexicor*	BASF
fluxapyroxad - 167 g/L SC (F)	pyraclostrobin - 333 g/L SC (F)			*Priaxor*	BASF
fluxapyroxad - 250 g/L SC (F)	pyraclostrobin - 250 g/L SC (F)			*Dyax*	BASF
fluxapyroxad - 300 g/L SC				*Sercadis*	BASF
hydrogen peroxide 27%	peroxyacetic acid - 2.5%			*OxiDate FC*	BioSafe Systems
isofetamid - 400 g/L SC				*Kenja 400SC*	Belchim Crop Protection
mancozeb - 66.7% WG (F)	zoxamide - 8.43% WG (F)			*Gavel 75 DF*	Gowan
mancozeb - 75% WG				*Dithane Rainshield*	Corteva Agriscience
mancozeb - 75% WG				*Manzate Pro-Stick*	UPL AgroSolutions
mancozeb - 75% WG				*Penncozeb 75DF*	UPL AgroSolutions
mancozeb - 480 g/L F				*Manzate Max*	UPL AgroSolutions

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
mandipropamid - 250 g/L SC				*Revus*	Syngenta
mandipropamid - 250 g/L SC	oxathiopiprolin - 30 g/L SC			*Orondis Ultra*	Syngenta
mefentrifluconazole - 50 g/L EC	prothioconazole - 100 g/L EC			*RevyPro*	BASF Canada
mefentrifluconazole - 400 g/L (SC)				*Cevya*	BASF
mefentrifluconazole - 200 g/L (SC)	pyraclostrobin - 200 g/L (SC)			*Veltyma*	BASF
metalaxyl-M - 480 g/L EC				*Ridomil Gold 480 EC*	Syngenta
metalaxyl-M - 480 g/L SL				*Ridomil Gold 480 SL*	Syngenta
metalaxyl-M - 480 g/L EC (DC)	chlorothalonil - 500 g/L SC (DC)			*Ridomil Gold / Bravo*	Syngenta
metalaxyl-M - 480 g/L SL (DC)	chlorothalonil - 500 g/L SC (DC)			*Ridomil Gold SL / Bravo*	Syngenta
metconazole - 113 g/L (EC)	prothioconazole - 188 g/L (EC)			*Sphaerex*	BASF
metconazole - 480g/L SC				*Quash SC*	Valent
metconazole - 90 g/L EC				*Caramba*	BASF
metconazole - 80 g/L EC (F)	pyraclostrobin - 130 g/L EC (F)			*Twinline*	BASF
mono/di-potassium salts of phosphorous acid - 53% SL				*Confine Extra*	Winfield United
mono/di-potassium salts of phosphorous acid - 53% SL				*Rampart*	Loveland Products
oxathiopiprolin - 30 g/L SC	mandipropamid - 250 g/L SC			*Orondis Ultra*	Syngenta
penflufen - 106 g/L SC	fluopyram - 250 g/L SC			*Velum Rise*	Bayer
penthiopyrad - 200 g/L SC				*Fontelis*	Corteva Agriscience
picoxystrobin - 187.5 g/L SC	prothioconazole - 62.5 g/L SC			*Viatude*	Corteva Agriscience
picoxystrobin - 250 g/L SC				*Acapela*	Corteva Agriscience
picoxystrobin - 250 g/L SC	propiconazole - 435 g/L EC			*Cerefit*	Corteva Agriscience
polyoxin D Zinc Salt - 5.0% SC				*Diplomat 5SC Fungicide*	Belchim Crop Protection Canada Inc.
propiconazole - 432 g/L EC				*Bumper 432 EC*	ADAMA
propiconazole - 418 g/L EC				*Co-Op Pivot*	Federated Co-operatives
propiconazole - 418 g/L EC				*Fitness*	Loveland Products
propiconazole - 250 g/L EC				*Modo*	AgraCity
propiconazole - 418 g/L EC				*Princeton*	Sharda CropChem
propiconazole - 418 g/L EC				*Pivot 418EC*	IPCO
propiconazole - 250 g/L EC				*Propel*	Syngenta
propiconazole - 250 g/L EC				*Propi Super 25 EC*	Sharda CropChem
propiconazole - 250 g/L EC				*Tilt 250E*	Syngenta
propiconazole - 250 g/L EC				*VIKING Propiconazole*	Viking Crop Production Partners Inc.
propiconazole - 250 g/L EC	azoxystrobin - 250 g/L SC (F)			*Quasimodo*	AgraCity
propiconazole - 125 g/L SC (F)	azoxystrobin - 75 g/L SC (F)			*Quilt*	Syngenta
propiconazole - 124 g/L SC (F)	azoxystrobin - 143 g/L SC (F)			*Topnotch*	ADAMA
propiconazole - 125 g / L SC	azoxystrobin 100 g per L SC	pydiflumetofen - 75 g per L SC		*MIRAVIS Neo 300SE*	Syngenta
propiconazole - 125g/L SC (F)	azoxystrobin - 75 g/L SC (F)	benzovindiflupyr - 100 g/L EC		*Trivapro*	Syngenta
propiconazole - 435 g/L EC	picoxystrobin - 250 g/L SC			*Cerefit*	Corteva Agriscience
propiconazole - 125 g/L	pydiflumetofen - 150 g per L			*MIRAVIS Ace*	Syngenta
propiconazole - 125 g/L EC (F)	pyraclostrobin - 200 g/L EC (F)	fluxapyroxad - 30 g/L EC (F)		*Nexicor*	BASF
prothioconazole - 480 g/L SC				*Maxunitech Prothioconazole 480SC*	
prothioconazole - 150 g/L EC	azoxystrobin - 150 g/L EC			*Gauntlet*	Nufarm Agriculture
prothioconazole- 90 g/L EC	azoxystrobin - 120 g/L EC			Maxentis	Adama Agricultural Canada
prothioconazole - 480 g/L SC	azoxystrobin - 250 g/L SC			*Rambler Pro*	NewAgco Inc

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
prothioconazole - 480 g/L SC	azoxystrobin - 250 g/L SC			*Viking Kannus*	VIKING Crop Production Partners Inc.
prothioconazole - 250 g/L EC	benzovindiflupyr - 100 g/L EC			*Elatus Era*	Syngenta Canada Inc.
prothioconazole - 62.5 g/L SC	picoxystrobin - 187.5 g/L SC			*Viatude*	Corteva Agriscience
prothioconazole - 125 g/L EC	tebuconazole - 125 g/L EC			*Fusaro*	NewAgco Inc.
prothioconazole - 125 g/L EC	tebuconazole - 125 g/L EC			*Maxunitech Prothio + Teb EC*	Maxunitech North America
prothioconazole - 80 g/L EC	tebuconazole - 160 g/L EC			*TilMOR 240 EC*	Bayer
prothioconazole - 100 g/L EC	mefentrifluconazole - 50 g/L EC			*RevyPro*	BASF Canada
prothioconazole - 125 g/L EC	tebuconazole - 125 g/L EC			*Advantage Prothio +Teb 250 EC*	Advantage Crop Protection Inc.
prothioconazole - 125 g/L EC (F)	tebuconazole - 125 g/L EC (F)			*Shalimar*	Sharda CropChem
prothioconazole - 125 g/L EC (F)	tebuconazole - 125 g/L EC (F)			*StarPro*	Albaugh
prothioconazole - 125 g/L EC	tebuconazole - 125 g/L EC			*VIKING Tromso*	Viking Crop Production Partners Inc.
prothioconazole - 150 g/L SC (F)	boscalid - 250 g/L SC (F)			*Cotegra*	BASF
prothioconazole - 175 g/L SC (F)	trifloxystrobin - 150 g/L SC (F)			*Delaro 325 SC*	Bayer
prothioconazole - 176.2 g/L SC	fluopyram - 128 g/L SC	trifloxystrobin - 154 g/L SC		*Delaro Complete*	Bayer
prothioconazole - 188 g/L (EC)	metconazole - 113 g/L (EC)	metconazole - 113 g/L (EC)		*Sphaerex*	BASF
prothioconazole - 200 g/L SC (F)	fluopyram - 200 g/L SC (F)			*Propulse*	Bayer
prothioconazole - 200 g/L SC (F)	fluopyram - 200 g/L SC (F)			*Proline GOLD*	Bayer
prothioconazole - 200 g/L SC	tebuconazole - 100 g/L SC	fluopyram - 100 g/L SC		*Prosaro PRO*	Bayer
prothioconazole - 250 g/L EC				*Joust*	Nufarm Agriculture
prothioconazole - 250 g/L EC	tebuconazole - 430 g/L SC			*Duplex*	Loveland Products
prothioconazole - 250 g/L EC	tebuconazole - 430 g/L SC			*Soraduo*	ADAMA
prothioconazole - 250 g/L EC	pydiflumetofen - 200 g/L SC			*Miravis Era*	Syngenta
prothioconazole - 250 g/L EC				*Soratel*	ADAMA
prothioconazole - 480 g/L SC				*Advantage Prothioconazole 480 SC*	Advantage Crop Protection Inc.
prothioconazole - 480 g/L SC				*Holdfast*	Winfield United
prothioconazole - 480 g/L SC				*Pavise 480SC*	Albaugh
prothioconazole - 480 g/L SC				*Proline 480SC*	Bayer
prothioconazole - 480 g/L SC				*Taj*	Sharda Crop Chem
prothioconazole - 480 g/L SC				*Rambler*	NewAgco Inc
prothioconazole - 480 g/L SC				*VIKING Prothioconazole*	VIKING Crop Production Partners Inc.
prothioconazole - 480 g/L SC				*Maxunitech Prothioconazole 480SC*	Maxunitech North America
prothioconazole - 480 g/L SC	pyraclostrobin - 250 g/L EC			*VIKING Vaasa*	VIKING Crop Production Partners Inc.
prothioconazole - 480 g/L SC	pyraclostrobin - 250 g/L EC			*Spaxor*	NewAgco Inc
prothioconazole - 125 g/L EC	tebuconazole - 125 g/L EC			*Fusaro*	NewAgco Inc.
prothioconazole - 125 g/L EC	tebuconazole - 125 g/L EC			*Maxunitech Prothio + Teb EC*	Maxunitech North America
prothioconazole - 250 g/L EC	benzovindiflupyr - 100 g/L EC			*Elatus Era*	Syngenta Canada Inc.
prothioconazole - 480 g/L SC	azoxystrobin - 250 g/L SC			*Rambler Pro*	NewAgco Inc
prothioconazole - 480 g/L SC	azoxystrobin - 250 g/L SC			*Viking Kannus*	VIKING Crop Production Partners Inc.
pydiflumetofen - 100 g/L SC	fludioxinil - 150 g/L SC			*Miravis Star*	Syngenta Canada Inc
pydiflumetofen - 150 g per L	propiconazole - 125 g per L			*MIRAVIS Ace*	Syngenta
pydiflumetofen - 200 g/L SC				*MIRAVIS Bold*	Syngenta
pydiflumetofen - 200 g/L SC	prothioconazole - 250 g/L EC			*Miravis Era*	Syngenta
pydiflumetofen - 75 g per L	azoxystrobin 100 g per L	propiconazole - 125 g per L		*MIRAVIS Neo 300SE*	Syngenta

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
pydiflumentofen - 75 g/L SC	difenoconazole - 125 g/L SC			*MIRAVIS Duo*	Syngenta
pyraclostrobin - 250 g/L EC				*Headline EC*	BASF
pyraclostrobin - 250 g/L EC				*MPOWER Spade*	AgraCity
pyraclostrobin - 250 g/L EC				*Preach*	Sharda Cropchem
pyraclostrobin- 250 g/L EC				*Pyraline 250*	Vincere Agri Solutions Ltd.
pyraclostrobin - 250 g/L EC				*Raclos*	Albaugh
pyraclostrobin- 250 g/L EC				*Tide Pyraclostrobin Shield*	Tide International Canada, Inc.
pyraclostrobin - 250 g/L EC				*VIKING Pyraclostrobin*	Viking Crop Production Partners Inc.
pyraclostrobin- 250 g/L EC				*Pyraline 250*	Vincere Agri Solutions Ltd.
pyraclostrobin - 250 g/L EC	boscalid - 70% WG			*Lance AG*	BASF
pyraclostrobin - 100 g/L EC	florylpicoxamid - 50 g/L EC			*Zetigo PRM*	Corteva Agriscience
pyraclostrobin - 250 g/L SC (F)	fluxapyroxad - 250 g/L SC (F)			*Dyax*	BASF
pyraclostrobin - 333 g/L SC (F)	fluxapyroxad - 167 g/L SC (F)			*Priaxor*	BASF
pyraclostrobin - 250 g/L (SC)	mefentrifluconazole - 250 g/L (SC)			*Veltyma*	BASF
pyraclostrobin - 130 g/L EC (F)	metconazole - 80 g/L EC (F)			*Twinline*	BASF
pyraclostrobin - 200 g/L EC (F)	propiconazole - 125 g/L EC (F)	fluxapyroxad - 30 g/L EC (F)		*Nexicor*	BASF
pyraclostrobin - 250 g/L EC	prothioconazole - 480 g/L SC			*Spaxor*	NewAgco Inc
pyraclostrobin - 250 g/L EC	prothioconazole - 480 g/L SC			*VIKING Vaasa*	VIKING Crop Production Partners Inc.
pyraclostrobin - 250 g/L (EC)	tebuconazole - 250 g/L (EW)			*Tornado Pro*	AgraCity
pyraclostrobin - 250 g/L EC	tebuconazole - 250 g/L SC			*VIKING Drobak*	VIKING Crop Production Partners Inc.
pyrimethanil - 400 g/L SC				*Scala SC*	Bayer
pyrimethanil - 400 g/L SC				*Shape SC*	Sharda Cropchem
pyrimethanil - 375 g/L SC (F)	fluopyram - 125 g/L SC (F)			*Luna Tranquility*	Bayer
Reynoutria sachalinensis - 20% SC				*Regalia Maxx*	Marrone Bio Innovations
sodium/potassium/ammonium phosphites - 53.6% SL				*Phostrol*	Belchim Crop Protection
sulphur - 80% WG				*Cosavet DF Edge*	Belchim Crop Protection
tebuconazole - 250 g/L EC				*Advantage*	Advantage Crop Protection
tebuconazole - 250 g/L EW				*Tebuconazole 250*	Farmers Business Networks Canada, Inc.
tebuconazole - 432 g/L SC				*FBN Tebuconazole 250*	Nufarm Agriculture Inc.
tebuconazole - 430 g/L SC				*Hornet 432 F*	ADAMA
tebuconazole - 432 g/L SC				*Orius 430 SC*	Bayer
tetraconazole - 200 g/L (ME)				*Palliser*	UPL AgroSolutions
tebuconazole - 250 g/L EC				*Roxar*	Sharda Cropchem
tebuconazole - 250 g/L EC				*Tebbie*	Rotam North America, Inc.
tebuconazole - 250 g/L EW				*Toledo 250 EW*	AgraCity
tebuconazole - 250 g/L EC				*Tornado*	Viking Crop Production Partners Inc.
tebuconazole - 200 g/L SC	azoxystrobin - 120 g/L SC			*VIKING Tebuconazole*	ADAMA
tebuconazole - 125 g/L EC	prothioconazole - 125 g/L EC			*Custodia*	Advantage Crop Protection Inc.
				Advantage Prothio +Teb 250 EC	

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
tebuconazole - 430 g/L SC	prothioconazole - 250 g/L EC			*Duplex*	Loveland Products
tebuconazole - - 125 g/L EC	prothioconazole - 125 g/L EC			*Fusaro*	NewAgco Inc.
tebuconazole - - 125 g/L EC	prothioconazole - 125 g/L EC			*Maxunitech Prothio + Teb EC*	Maxunitech North America
tebuconazole - 125 g/L EC (F)	prothioconazole - 125 g/L EC (F)			*Shalimar*	Sharda Cropchem
tebuconazole - 125 g/L EC (F)	prothioconazole - 125 g/L EC (F)			*StarPro*	Albaugh
tebuconazole - 125 g/L EC (F)	prothioconazole - 125 g/L EC (F)			*Prosaro XTR*	Bayer
tebuconazole - 430 g/L SC	prothioconazole - 250 g/L EC			*Soraduo*	ADAMA
tebuconazole - 160 g/L EC	prothioconazole - 80 g/L EC			*Tilmore 240 EC*	Bayer
tebuconazole - 125 g/L EC	prothioconazole - 125 g/L EC			*VIKING Tromso*	Viking Crop Production Partners Inc.
tebuconazole - 100 g/L SC	prothioconazole - 200 g/L SC	fluopyram - 100 g/L SC		*Prosaro PRO*	Bayer
tebuconazole - 250 g/L (EW)	pyraclostrobin - 250 g/L (EC)			*Tornado Pro*	AgraCity
tebuconazole - 250 g/L EC	pyraclostrobin - 250 g/L EC			*VIKING Drobak*	VIKING Crop Production Partners Inc.
tetraconazole - 200 g/L (ME)	fluoxastrobin - 200 g/L (ME)			*Zolera FX*	UPL AgroSolutions
tebuconazole - - 125 g/L EC	prothioconazole - 125 g/L EC			*Fusaro*	NewAgco Inc.
tebuconazole - - 125 g/L EC	prothioconazole - 125 g/L EC			*Maxunitech Prothio + Teb EC*	Maxunitech North America
trifloxystrobin - 150 g/L SC (F)	prothioconazole - 175 g/L SC (F)			*Delaro 325 SC*	Bayer
trifloxystrobin - 154 g/L SC	fluopyram - 128 g/L SC	Prothioconazole - 176.2 g/L SC		*Delaro Complete*	Bayer
zoxamide - 8.43% WG (F)	mancozeb - 66.7% WG (F)			*Gavel 75 DF*	Gowan

Seed Treatments

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
azoxystrobin - 143 g/L SC	fludioxonil - 143 g/L SC	difenoconazole - 112 g/L SC		*Stadium*	Syngenta
azoxystrobin - 390 g/L SC				*AZteroid FC*	UAP
azoxystrobin - 1.33% FS	fludioxonil - 3.32% FS	metalaxyl-m+s - 2.65% FS	thiabendazole - 26.5% FS	*Maxim Quattro*	Syngenta
azoxystrobin - 1.33% FS	fludioxonil - 3.32% FS	metalaxyl-m+s - 2.65% FS	thiabendazole: thiamethoxam - 26.5%: 47.6% FS	*Cruiser Maxx Corn*	Syngenta
Bacillus subtilis QST 713 strain				*Minuet*	Bayer
broflanilide - 100 g/L SC				*Cimegra*	BASF
broflanilide - 16.7 g/L SC	triticonazole -16.7 g/L SC	metalaxyl - 10.0 g/L SC	fluxapyroxad: pyraclostrobin - 8.35 g/L: 16.7 g/L SC	*Teraxxa F4*	BASF
captan - 30% FS				*Agrox FL*	Norac Concepts
carbathiin - 87.5 g/L FS	ipconazole - 9.38 g/L FS			*Rancona V RS*	UPL AgroSolutions
carbathiin - 133.33 g/L FS	metalaxyl - 13.33 g/L FS	ipconazole - 5.0 g/L FS		*Rancona Trio*	UPL AgroSolutions
carbathiin - 15.59% FS	thiram - 13.25% FS			*Vitaflo 280*	UPL AgroSolutions
carbathiin - 15.59% FS	thiram - 13.25% FS			*Vitaflo SP Fungicide*	IPCO
carbathiin - 15.59% FS	thiram - 13.25% FS			*Vitaflo Fungicide*	IPCO
clothianidin - 600 g/L FS				*NipsIt INSIDE 600 Insecticide*	Valent
clothianidin - 600 g/L FS				*Poncho 600FS*	BASF
clothianidin - 600 g/L FS				*Titan*	BASF
clothianidin - 600g/L FS				*Poncho® 600 FS*	BASF
clothianidin - 29.5 g/L	ethaboxam - 14.7 g/L	metalaxyl - 8.82 g/L	metaconazole - 4.41 g/L	*INTEGO SUITE Cereals OF*	Valent
clothianidin - 30.7 g/L FS	metalaxyl - 9.24 g/L FS	metconazole - 4.92 g/L FS		*NipsIt SUITE Cereals OF Seed Protectant*	Valent
clothianidin - 290 g/L FS	metalaxyl - 7.15 g/L FS	trifloxystrobin - 7.15 g/L FS	penflufen - 10.7 g/L FS	*Prosper EverGol*	Bayer
cyantraniliprole - 600 g/L FS				*Fortenza*	Syngenta
cyantraniliprole - 625 g/L FS				*Lumiderm*	Corteva Agriscience
difenoconazole - 112 g/L SC	fludioxonil - 143 g/L SC	azoxystrobin - 143 g/L SC		*Stadium*	Syngenta
difenoconazole - 123 g/L FS	fludioxonil - 62.5 g/L FS	thiamethoxam - 250 g/L FS		*Cruiser Maxx Potato Extreme*	Syngenta
difenoconazole - 16 g/L FS	fludioxonil - 1.7 g/L FS	thiamethoxam - 269 g/L FS	metalaxyl-m+s:sedaxane-5:3.4 g/L FS	*Helix Vibrance*	Syngenta
difenoconazole - 19.4 g/L FS	fludioxonil - 19.4 g/L FS			*Maxim D*	Syngenta
difenoconazole - 3.37 % FS	metalaxyl-m+s - 0.27% FS			*Interest Forte*	Sharda Cropchem
difenoconazole - 36.3 g/L FS	metalaxyl - 12.6 g/L FS	tebuconazole - 4.6 g/L FS		*Straxan*	Corteva
difenoconazole - 36.8 g/L FS	fludioxonil - 7.6 g/L FS	metalaxyl-m+s - 9.2 g/L FS	sedaxane - 15.4 g/L FS	*Vibrance Quattro*	Syngenta
difenoconazole - 36.9 g/L FS	fludioxonil - 7.7 g/L FS	thiamethoxam - 61.5 g/L FS	metalaxyl-m+s: sedaxane-9.2: 15.4 g/L FS	*Cruiser Vibrance Quattro*	Syngenta
difenoconazole - 77.2 g/L FS	mandipropamid - 154.3 g/L FS	sedaxane - 77.2 g/L FS		*Vibrance Ultra Potato*	Syngenta
difenoconazole - 7.73 % FS	metalaxyl-m+s - 1.93% FS			*Dividend Exteme Fungicide*	Syngenta
dimethyl benzyl ammonium chloride - 10% Liquid				*General Storage Disinfectant*	Ag-Services
ethaboxam - 14.7 g/L	clothianidin - 29.5 g/L	metalaxyl - 8.82 g/L	metaconazole - 4.41 g/L	*INTEGO SUITE Cereals OF*	Valent
ethaboxam - 24.9 g/L FS	mandestrobin - 33.2 g/L FS	metalaxyl - 13.3 g/L FS		*Intego Pulse*	Valent
ethaboxam - 383 g/L FS				*INTEGO Solo Fungicide*	Valent
ethaboxam - 383 g/L FS	fludioxonil - 25 g/L FS	metalaxyl-m+s - 37.5 g/L	sedaxane - 50 g/L FS	*Vibrance Maxx with INTEGO Seed Treatment*	Syngenta
ethaboxam - 23.9 g/L FS	mandestrobin - 31.7 g/L FS	metalaxyl - 12.7 g/L FS	inpyrfluxam - 15.9 g/L FS	*Zeltera Pulse*	Nufarm
Ethaboxam - 15.4 g/L	Metalaxyl - 9.2 g/L	Metconazole - 4.6 g/L	Inpyrfluxam - 3.1 g/L	*Zeltera cereals*	Valent

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
fenamidone - 500g/L SC				*Reason 500 SC*	Gowan
fludioxonil - 0.5% DS				*Maxim PSP*	Syngenta
fludioxonil - 0.5% DS	mancozeb - 5.7% DS			*Maxim MZ PSP*	Syngenta
fludioxonil - 0.73% FS	metalaxyl-m+s - 1.10% FS			*Apron Maxx RTA*	Syngenta
fludioxonil - 0.73% FS	metalaxyl-m+s - 1.10% FS	sedaxane - 500 g/L FS		*Vibrance Maxx RTA*	Syngenta
fludioxonil - 1.12% FS	metalaxyl-m+s - 1.7% FS	thiamethoxam - 22.6% FS		*Cruiser Maxx Beans*	Syngenta
fludioxonil - 1.7 g/L FS	metalaxyl-m+s - 5 g/L FS	thiamethoxam - 269 g/L FS	sedaxane: difenoconazole-3.4:16 g/L FS	*Helix Vibrance*	Syngenta
fludioxonil - 143 g/L SC	difenoconazole - 112 g/L SC	azoxystrobin - 143 g/L SC		*Stadium*	Syngenta
fludioxonil - 19.4 g/L FS	difenoconazole - 19.4 g/L FS			*Maxim D*	Syngenta
fludioxonil - 24.8 g/L FS	metalaxyl-m+s - 149.3 g/L FS	picarbutrazox - 400 g/L FS	sedaxane - 24.8 g/L FS	*Vayantis IV*	Syngenta
fludioxonil - 25 g/L FS	metalaxyl-m+s - 20 g/L FS	thiabendazole - 150 g/L FS		*Apron Advance*	Syngenta
fludioxonil - 25 g/L FS	metalaxyl-m+s - 37.5 g/L FS	sedaxane - 50 g/L FS		*Vibrance Maxx RFC*	Syngenta
fludioxonil - 25 g/L FS	metalaxyl-m+s - 37.5 g/L FS	sedaxane - 50 g/L FS	ethaboxam - 383 g/L FS	*Vibrance Maxx RFC with INTEGO Seed Treatment*	Syngenta
fludioxonil - 3.32% FS	metalaxyl-m+s - 2.65% FS	thiabendazole - 26.5% FS	azoxystrobin - 1.33% FS	*Maxim Quattro*	Syngenta
fludioxonil - 3.32% FS	metalaxyl-m+s - 2.65% FS	thiamethoxam - 47.6% FS	azoxystrobin; thiabendazole- 1.33%: 26.5% FS	*Cruiser Maxx Corn*	Syngenta
fludioxonil - 62.5 g/L FS	difenoconazole - 123 g/L FS	thiamethoxam - 250 g/L FS		*Cruiser Maxx Potato Extreme*	Syngenta
fludioxonil - 7.6 g/L FS	metalaxyl-m+s - 9.2 g/L FS	sedaxane - 15.4 g/L FS	difenoconazole - 36.8 g/L FS	*Vibrance Quattro*	Syngenta
fludioxonil - 7.7 g/L FS	picarbutrazox - 7.7 g/L FS	thiabendazole - 46.2 g/L FS	metalaxyl-m+s - 11.4 g/L FS	*Vibrance Total*	Syngenta
fludioxonil - 7.7 g/L FS	metalaxyl-m+s - 9.2 g/L FS	thiamethoxam - 61.5 g/L FS	sedaxane - 15.4 g/L FS sedaxane: difenoconazole-15.4:36.9 g/L FS	*Cruiser Vibrance Quattro*	Syngenta
flupyradifurone - 480 g/L FS				*BUTEO start 480 FS*	Bayer
fluxapyroxad - 16.7 g/L FS	metalaxyl - 13.3 g/L FS	pyraclostrobin - 16.7 g/L FS		*Insure Pulse*	BASF
fluxapyroxad - 8.35 g/L FS	pyraclostrobin - 16.7 g/L FS	triticonazole - 16.7 g/L FS	metalaxyl - 10 g/L FS	*Insure Cereal FX4*	BASF
fluxapyroxad: pyraclostrobin - 8.35 g/L: 16.7 g/L SC	broflanilide - 16.7 g/L SC	triticonazole - 16.7 g/L SC	metalaxyl - 10.0 g/L SC	*Teraxxa F4*	BASF
hydrogen peroxide - 27% LS				*StorOx*	Biosafe Systems
imidacloprid - 240 g/L FS				*Alias 240SC*	ADAMA
imidacloprid - 600 g/L FS				*Sombrero 600FS*	ADAMA
imidacloprid - 600 g/L FS				*Stress Shield 600*	Bayer
imidacloprid - 600 g/L FS	metalaxyl - 6.2 g/L FS	tebuconazole - 3.0 g/L FS	prothioconazole-15.4 g/L FS	*Raxil PRO SHIELD*	Bayer
imidacloprid - 600 g/L FS	metalaxyl - 317 g/L FS	penflufen - 154 g/L FS	trifloxystrobin - 154 g/L FS	*Trilex EverGol SHIELD*	Bayer
Inpyrfluxam - 15.9 g/L	ethaboxam - 23.9 g/L FS	mandestrobin - 31.7 g/L FS	metalaxyl - 12.7 g/L FS	*Zeltera Pulse*	Valent
ipconazole - 4.61 g/L FS	metalaxyl - 6.15 g/L FS			*Rancona Pinnacle*	UPL AgroSolutions
ipconazole - 9.38 g/L FS	carbathiin - 87.5 g/L FS			*Rancona V RS*	UPL AgroSolutions
ipconazole - 5.0 g/L FS	carbathiin - 133.33 g/L FS	metalaxyl - 13.33 g/L FS		*Rancona Trio*	UPL AgroSolutions
ipconazole - 4.61 g/L FS	metalaxyl - 6.15 g/L FS			*Cover 2*	Loveland Products
mancozeb - 5.7% DS	fludioxonil - 0.5% DS			*Maxim MZ PSP*	Syngenta
mandestrobin - 31.7 g/L FS	ethaboxam - 23.9 g/L FS	Inpyrfluxam - 15.9 g/L	metalaxyl - 12.7 g/L FS	*Zeltera Pulse*	Valent
mandestrobin - 33.2 g/L FS	ethaboxam - 24.9 g/L FS	metalaxyl - 13.3 g/L FS		*Intego Pulse*	Valent
mandipropamid - 250 g/L FS				*Revus*	Syngenta
mandipropamid - 154.3 g/L FS	difenoconazole - 77.2 g/L FS	sedaxane - 77.2 g/L FS		*Vibrance Ultra Potato*	Syngenta
metalaxyl - 8.82 g/L	clothianidin - 29.5 g/L	ethaboxam - 14.7 g/L	metaconazole - 4.41 g/L	*INTEGO SUITE Cereals OF*	Valent
metalaxyl - 10 g/L FS	pyraclostrobin - 17 g/L FS	triticonazole - 17 g/L FS		*Insure Cereal*	BASF
metalaxyl - 10 g/L FS	pyraclostrobin - 16.7 g/L FS	triticonazole - 16.7 g/L FS	fluxapyroxad - 8.35 g/L FS	*Insure Cereal FX4*	BASF
metalaxyl - 10.8 g/L FS	trifloxystrobin - 13.5 g/L FS			Obex	AgraCity Crop & Nutrition

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
metalaxyl - 10.8 g/L FS	trifloxystrobin - 13.5 g/L FS			VIKING Grimstad	Viking Crop Production Partners Inc.
metalaxyl - 10.0 g/L SC	fluxapyroxad: pyraclostrobin - 8.35 g/L: 16.7 g/L SC	broflanilide - 16.7 g/L SC	triticonazole - 16.7 g/L SC	*Teraxxa F4*	BASF
metalaxyl - 12.6 g/L FS	tebuconazole - 4.6 g/L FS	difenoconazole - 36.3 g/L FS		*Straxan*	Corteva
Metalaxyl - 6.6g/L	Tebuconazole - 5.0 g/L			*Tarian MD*	NEWAgco
metalaxyl - 12.7 g/L FS	ethaboxam - 23.9 g/L FS	Inpyrfluxam - 15.9 g/L	mandestrobin - 31.7 g/L FS	*Zeltera Pulse*	Valent
metalaxyl - 13.3 g/L FS	pyraclostrobin -16.7 g/L FS	fluxapyroxad - 16.7 g/L FS		*Insure Pulse*	BASF
metalaxyl - 13.33 g/L FS	ipconazole - 5.0 g/L FS	carbathiin - 133.33 g/L FS		*Rancona Trio*	UPL AgroSolutions
metalaxyl - 13.3 g/L FS	mandestrobin - 33.2 g/L FS	ethaboxam - 24.9 g/L FS		*Intego Pulse*	Valent
metalaxyl - 317 g/L FS				*Allegiance FL*	Bayer
metalaxyl - 317 g/L FS				*Belmont 2.7FS*	UPL AgroSolutions
metalaxyl - 317 g/L FS				*Trilex Component B*	Bayer
metalaxyl - 317 g/L FS				*Telex*	Sharda Cropchem Limited
metalaxyl - 317 g/L FS	trifloxystrobin - 154 g/L FS	penflufen - 154 g/L FS		*Trilex EverGol*	Bayer
metalaxyl - 317 g/L FS	trifloxystrobin - 154 g/L FS	penflufen - 154 g/L FS	imidacloprid - 600 g/L FS	*Trilex EverGol SHIELD*	Bayer
metalaxyl - 6.15 g/L FS	ipconazole - 4.61 g/L FS			*Cover 2*	Loveland Products
metalaxyl - 61.4 g/L FS	prothioconazole - 76.8 g/L FS	penflufen - 38.4 g/L FS		*EverGol Energy*	Bayer
metalaxyl - 6.2 g/L FS	tebuconazole - 3.0 g/L FS	imidacloprid - 600 g/L FS	prothioconazole - 15.4 g/L FS	*Raxil PRO SHIELD*	Bayer
metalaxyl - 6.2 g/L FS	tebuconazole - 3.0 g/L FS	prothioconazole - 15.4 g/L FS		*Lixar PRO*	Sharda Cropchem Limited
metalaxyl - 6.2 g/L FS	tebuconazole - 3.0 g/L FS	prothioconazole - 15.4 g/L FS		*Raxil PRO*	Bayer
metalaxyl - 6.6 g/L FS	tebuconazole - 5.0 g/L FS			*Sharda METEB 11ST*	Sharda Cropchem
metalaxyl - 7.15 g/L FS	trifloxystrobin - 7.15 g/L FS	clothianidin - 290 g/L FS	penflufen - 10.7 g/L FS	*Prosper EverGol*	Bayer
metalaxyl - 9.24 g/L FS	metconazole - 4.92 g/L FS	clothianidin - 30.7 g/L FS		*NipsIt SUITE Cereals OF Seed Protectant*	Valent
metalaxyl-m+s - 11.4 g/L FS	sedaxane - 15.4 g/L FS	fludioxonil - 7.7 g/L FS	picarbutrazox - 7.7 g/L FS thiabendazole - 46.2 g/L FS	*Vibrance Total*	Syngenta
metalaxyl-m+s - 1.93% FS	difenoconazole - 7.73% FS			*Dividend Extreme Fungicide*	Syngenta
metalaxyl-m+s - 0.27% FS	difenoconazole - 3.37 % FS			*Interest Forte*	Sharda Cropchem
metalaxyl-m+s - 1.10% FS	fludioxonil - 0.73% FS			*Apron Maxx RTA*	Syngenta
metalaxyl-m+s - 1.10% FS	fludioxonil - 0.73% FS	sedaxane - 500 g/L FS		*Vibrance Maxx RTA*	Syngenta
metalaxyl-m+s - 1.7% FS	fludioxonil - 1.12% FS	thiamethoxam - 22.6% FS		*Cruiser Maxx Beans*	Syngenta
metalaxyl-m+s - 1.93% FS	difenoconazole - 7.73 % FS			*Dividend Exteme Fungicide*	Syngenta
metalaxyl-m+s - 2.65% FS	fludioxonil - 3.32% FS	thiabendazole - 26.5% FS	azoxystrobin - 1.33% FS	*Maxim Quattro*	Syngenta
metalaxyl-m+s - 2.65% FS	fludioxonil - 3.32% FS	thiamethoxam - 47.6% FS	azoxystrobin: thiabendazole - 1.33%: 26.5% FS	*Cruiser Maxx Corn*	Syngenta
metalaxyl-m+s - 20 g/L FS	fludioxonil - 25 g/L FS	thiabendazole - 150 g/L FS		*Apron Advance*	Syngenta
metalaxyl-m+s - 37.5 g/L FS	fludioxonil - 25 g/L FS	sedaxane - 50 g/L FS		*Vibrance Maxx RFC*	Syngenta
metalaxyl-m+s - 37.5 g/L FS	fludioxonil - 25 g/L FS	sedaxane - 50 g/L FS	ethaboxam - 383 g/L FS	*Vibrance Maxx RFC with INTEGO Seed Treatment*	Syngenta Valent
metalaxyl-m+s - 5 g/L FS	fludioxonil - 1.7 g/L FS	thiamethoxam - 269 g/L FS	sedaxane: difenoconazole-3.4:16 g/L FS	*Helix Vibrance*	Syngenta
metalaxyl-m+s - 9.2 g/L FS	fludioxonil - 7.6 g/L FS	sedaxane - 15.4 g/L FS	difenoconazole - 36.8 g/L FS	*Vibrance Quattro*	Syngenta
metalaxyl-m+s - 9.2 g/L FS	fludioxonil - 7.7 g/L FS	thiamethoxam - 61.5 g/L FS	sedaxane: difenoconazole-15.4:36.9 g/L FS	*Cruiser Vibrance Quattro*	Syngenta
metalaxyl-m+s - 149.3 g/L FS	fludioxonil - 24.8 g/L FS	picarbutrazox - 400 g/L FS	sedaxane - 24.8 g/L FS	*Vayantis IV*	Syngenta
metaconazole - 4.41 g/L	clothianidin - 29.5 g/L	ethaboxam - 14.7 g/L	metalaxyl - 8.82 g/L	*INTEGO SUITE Cereals OF*	Valent

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
metconazole - 4.92 g/L FS	metalaxyl - 9.24 g/L FS	clothianidin - 30.7 g/L FS		*NipsIt SUITE Cereals OF Seed Protectant*	Valent
mono/di-potassium salts of phosphorous acid - 53% SC				*Confine Extra*	Winfield Solutions
mono/di-potassium salts of phosphorous acid - 53% SC				*Rampart*	Loveland Products
oxathiapiprolin - 200g/L FS				*Lumisena*	Corteva Agriscience
Penflufen - 66.5 g/L	Clothianidin - 207 g/L	Prothioconazole - 100 g/L		*Emesto Complete*	Bayer
penflufen - 10.7 g/L FS	metalaxyl - 7.15 g/L FS	trifloxystrobin - 7.15 g/L FS	clothianidin - 290 g/L FS	*Prosper EverGol*	Bayer
penflufen - 154 g/L FS	metalaxyl - 317 g/L FS	trifloxystrobin - 154 g/L FS		*Trilex EverGol*	Bayer
penflufen - 154 g/L FS	metalaxyl - 317 g/L FS	trifloxystrobin - 154 g/L FS	imidacloprid - 600 g/L FS	*Trilex EverGol SHIELD*	Bayer
penflufen - 100 g/L FS	prothioconazole - 18 g/L FS			*Emesto Silver*	Bayer
penflufen - 38.4 g/L FS	prothioconazole - 76.8 g/L FS	metalaxyl - 61.4 g/L FS		*EverGol Energy*	Bayer
penflufen - 154 g/L FS	trifloxystrobin - 154 g/L FS			*Trilex Component A*	Bayer
picarbutrazox - 400 g/L FS	fludioxonil - 24.8 g/L FS	metalaxyl-m+s - 149.3 g/L FS	sedaxane - 24.8 g/L FS	*Vayantis IV*	Syngenta
picarbutrazox - 7.7 g/L FS	thiabendazole - 46.2 g/L FS	metalaxyl-m+s - 11.4 g/L FS	sedaxane - 15.4 g/L FS fludioxonil - 7.7 g/L FS	*Vibrance Total*	Syngenta
prothioconazole - 76.8 g/L FS	metalaxyl - 61.4 g/L FS	penflufen - 38.4 g/L FS		*EverGol Energy*	Bayer
Prothioconazole - 50g/L	Metalaxyl - 50 g/L	Penflufen - 50 g/L	Trifloxystrobin - 50 g/L	*EverGol RISE*	Bayer
prothioconazole - 15.4 g/L FS	metalaxyl - 6.2 g/L FS	tebuconazole - 3.0 g/L FS		*Lixar PRO*	Sharda Cropchem Limited
prothioconazole - 15.4 g/L FS	metalaxyl - 6.2 g/L FS	tebuconazole - 3.0 g/L FS		*Raxil PRO*	Bayer
prothioconazole - 15.4 g/L FS	metalaxyl - 6.2 g/L FS	tebuconazole - 3.0 g/L FS	imidacloprid - 600 g/L FS	*Raxil PRO SHIELD*	Bayer
prothioconazole - 18 g/L FS	penflufen - 100 g/L FS			*Emesto Silver*	Bayer
pydiflumetofen 500 g/L FS				*Saltro*	Syngenta
pyraclostrobin - 17 g/L FS	metalaxyl - 10 g/L FS	triticonazole - 17 g/L FS		*Insure Cereal*	BASF
pyraclostrobin - 16.7 g/L FS	metalaxyl - 13.3 g/L FS	fluxapyroxad - 16.7 g/L FS		*Insure Pulse*	BASF
pyraclostrobin - 16.7 g/L FS	fluxapyroxad 8.35g/L FS	metalaxyl - 10 g/L FS	triticonazole - 16.7 g/L FS	*Insure Cereal FX4*	BASF
pyraclostrobin: fluxapyroxad - 16.7 g/L SC: 8.35 g/L	broflanilide - 16.7 g/L SC	triticonazole - 16.7 g/L SC	metalaxyl - 10.0 g/L SC	*Teraxxa F4*	BASF
saponins of *Chenopodium quinoa* - 63.02% WS				*Heads Up Plant Protectant*	Heads Up Plant Protectants
sedaxane - 15.4 g/L FS	metalaxyl-m+s - 9.2 g/L FS	difenoconazole - 36.8 g/L FS	fludioxonil - 7.6 g/L FS	*Vibrance Quattro*	Syngenta
sedaxane - 15.4 g/L FS	metalaxyl-m+s - 9.2 g/L FS	difenoconazole - 36.9 g/L FS	fludioxonil: thiamethoxam - 7.7:61.5 g/L FS	*Cruiser Vibrance Quattro*	Syngenta
sedaxane - 24.8 g/L FS	fludioxonil - 24.8 g/L FS	metalaxyl-m+s - 149.3 g/L FS	picarbutrazox - 400 g/L FS	*Vayantis IV*	Syngenta
sedaxane - 3.4 g/L FS	metalaxyl-m+s - 5 g/L FS	difenoconazole - 16 g/L FS	fludioxonil: thiamethoxam- 1.7:269 g/L FS	*Helix Vibrance*	Syngenta
sedaxane - 50 g/L FS	metalaxyl-m+s - 37.5 g/L FS	fludioxonil - 25 g/L FS		*Vibrance Maxx RFC*	Syngenta
sedaxane - 50 g/L FS	metalaxyl-m+s - 37.5 g/L FS	fludioxonil - 25 g/L FS	ethaboxam - 383 g/L FS	*Vibrance Maxx RFC with INTEGO Seed Treatment*	Syngenta
sedaxane - 500 g/L FS				*Vibrance 500FS*	Syngenta
sedaxane - 500 g/L FS	metalaxyl-m+s - 1.10% FS	fludioxonil - 0.73% FS		*Vibrance Maxx RTA*	Syngenta
sedaxane - 500 g/L FS	metalaxyl-m+s - 1.7% FS	fludioxonil - 1.12% FS	thiamethoxam - 22.6% FS	*Cruiser Maxx Vibrance Beans*	Syngenta
sulfoxaflor - 500 g/L FS				*Rascendo*	Syngenta
sedaxane - 15.4 g/L FS	fludioxonil - 7.7 g/L FS	picarbutrazox - 7.7 g/L FS	thiabendazole - 46.2 g/L FS metalaxyl-m+s - 11.4 g/L FS	*Vibrance Total*	Syngenta
sedaxane - 77.2 g/L FS	mandipropamid - 154.3 g/L FS	difenoconazole - 77.2 g/L FS		*Vibrance Ultra Potato*	Syngenta
thiabendazole - 150 g/L FS	metalaxyl-m+s - 20 g/L FS	fludioxonil - 25 g/L FS		*Apron Advance*	Syngenta
thiamethoxam - 22.6% FS	fludioxonil - 1.12% FS	metalaxyl-m+s - 1.7% FS		*Cruiser Maxx Beans*	Syngenta
thiamethoxam - 240 g/L FS				*Actara 240SC*	Syngenta
thiabendazole - 26.5% FS	metalaxyl-m+s - 2.65% FS	fludioxonil - 3.32% FS	azoxystrobin - 1.33% FS	*Maxim Quattro*	Syngenta

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
thiabendazole - 26.5% FS	metalaxyl-m+s - 2.65% FS	fludioxonil - 3.32% FS	azoxystrobin: thiamethoxam - 1.33%: 47.6% FS	*Cruiser Maxx Corn*	Syngenta
tebuconazole - 4.6 g/L FS	difenoconazole - 36.3 g/L FS	metalaxyl - 12.6 g/L FS		*Straxan*	Corteva
tebuconazole - 3.0 g/L FS	metalaxyl - 6.2 g/L FS	imidacloprid - 600 g/L FS	prothioconazole - 15.4 g/L FS	*Raxil PRO SHIELD*	Bayer
tebuconazole - 3.0 g/L FS	metalaxyl - 6.2 g/L FS	prothioconazole - 15.4 g/L FS		*Raxil PRO*	Bayer
tebuconazole - 3.0 g/L FS	metalaxyl - 6.2 g/L FS	prothioconazole - 15.4 g/L FS		*Lixar PRO*	Sharda Cropchem Limited
tebuconazole - 5.0 g/L FS	metalaxyl - 6.6 g/L FS			*Sharda METEB 11ST*	Sharda Cropchem
tebuconazole - 3.0 g/L	prothioconazole - 15.4 g/L	metalaxyl - 6.2 g/L		*Avoda PRO (see Raxil PRO)*	FMC
Tebuconazole - 3.0g/L	Prothioconazole - 15.4 g/L	Metalaxyl - 15.4 g/L	Penflufen - 6.4 g/L	Raxil RISE	Bayer
thiabendazole - 46.2 g/L FS	metalaxyl-m+s - 11.4 g/L FS	sedaxane - 15.4 g/L FS	fludioxonil - 7.7 g/L FS picarbutrazox - 7.7 g/L FS	*Vibrance Total*	Syngenta
thiabendazole - 500 g/L SC				*Tibet*	Sharda Cropchem Limited
thiabendazole - 500 g/L SC				*Mertect SC*	Syngenta
thiamethoxam - 250 g/L FS	fludioxonil - 62.5 g/L FS	difenoconazole - 123 g/L FS		*Cruiser Maxx Potato Extreme*	Syngenta
thiamethoxam - 269 g/L FS	fludioxonil - 1.7 g/L FS	metalaxyl-m+s - 5 g/L FS	sedaxane: difenoconazole - 3.4:16 g/L FS	*Helix Vibrance*	Syngenta
thiamethoxam - 47.6% FS				*Cruiser 5FS*	Syngenta
thiamethoxam - 47.6% FS	fludioxonil - 3.32% FS	metalaxyl-m+s - 2.65% FS	azoxystrobin: thiabendazole - 1.33:26.5% FS	*Cruiser Maxx Corn*	Syngenta
thiamethoxam - 61.5 g/L FS	fludioxonil - 7.7 g/L FS	metalaxyl-m+s - 9.2 g/L FS	sedaxane: difenoconazole - 15.4:36.9 g/L FS	*Cruiser Vibrance Quattro*	Syngenta
thiophanate-methyl - 10% DS				*Senator PSPT*	Belchim Crop Protection
thiram - 13.25% FS	carbathiin - 15.59% FS			*Vitaflo 280*	UPL AgroSolutions
thiram - 13.25% FS	carbathiin - 15.59% FS			*Vitaflo SP Fungicide*	IPCO
thiram - 13.25% FS	carbathiin - 15.59% FS			*Vitaflo Fungicide*	IPCO
trifloxystrobin - 13.5 g/L FS	metalaxyl - 10.8 g/L FS			*Obex*	AgraCity Crop & Nutrition
trifloxystrobin - 13.5 g/L FS	metalaxyl - 10.8 g/L FS			*VIKING Grimstad*	Viking Crop Production Partners Inc.
trifloxystrobin - 7.15 g/L FS	metalaxyl - 7.15 g/L FS	clothianidin - 290 g/L FS	penflufen - 10.7 g/L FS	*Prosper EverGol*	Bayer
trifloxystrobin - 154 g/L FS	metalaxyl - 317 g/L FS	penflufen - 154 g/L FS		*Trilex EverGol*	Bayer
trifloxystrobin - 154 g/L FS	penflufen - 154 g/L FS			*Trilex Component A*	Bayer
triticonazole - 17 g/L FS	pyraclostrobin - 17 g/L FS	metalaxyl - 10 g/L FS		*Insure Cereal*	BASF
triticonazole - 16.7 g/L FS	fluxapyroxad - 8.35g/L FS	metalaxyl - 10 g/L FS	pyraclostrobin - 16.7 g/L FS	*Insure Cereal FX4*	BASF
triticonazole - 16.7 g/L SC	metalaxyl - 10.0 g/L SC	fluxapyroxad: pyraclostrobin - 8.35 g/L: 16.7 g/L SC	broflanilide - 16.7 g/L SC	*Teraxxa F4*	BASF

Insecticides

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
abamectin - 28.5 g/L	cyantraniliprole -135 g/L SC			*Minecto Pro*	Syngenta
abamectin - 84 g/L SC				*Agri-Mek SC*	Syngenta
acetamiprid - 70% WP				*Aceta 70 WP*	Sharda CropChem
acetamiprid - 70% WP				*Assail*	Belchim Crop Protection
acetamiprid - 80 g/L	novaluron - 100 g/L EC			*Cormoran*	ADAMA
afidopyropen - 50 g/L				*Sefina*	BASF
aluminum phosphide - 55% pellets				*Fumitoxin pellets*	Degesch Canada
aluminum phosphide - 55% pellets				*Phostoxin pellets*	Degesch Canada
aluminum phosphide - 55% tablets				*Fumitoxin tablets*	Degesch Canada
aluminum phosphide - 55% tablets				*Phostoxin tablets*	Degesch Canada
bacillus thuringiensis - 12.7 billion CLU/L				Bioprotec CAF	AEF Global
bacillus thuringiensis - 20 billion CLU/L				Bioprotec PLUS	AEF Global
bacillus thuringiensis - 32 billion CLU/kg WG				*Dipel 2X DF*	Valent BioSciences
Beauveria bassiana strain ANT-03 - at least 1 X 10^{10} spores (conidia)/g				BioTitan WP	Tessenderlo Kerley
broflanilide - 100 g/L SC				*Cimegra*	BASF
carbaryl - 2% spreadable bran bait				*Eco Bran*	Peacock Industries
carbaryl - 466 g/L				*Sevin XLR*	Univar Solutions
chlorantraniliprole - 200 g/L				*Cosayr*	ADAMA
chlorantraniliprole - 200 g/L				*Maxunitech*	Maxunitech North America
chlorantraniliprole - 200 g/L				*Chlorantraniliprole 200SC*	
chlorantraniliprole - 200 g/L				*Rorvik*	Viking
chlorantraniliprole - 200 g/L				*Vermis*	NewAgco
chlorantraniliprole - 400 g/L SC				*Shenzi*	UPL AgroSolutions
chlorantraniliprole - 600 g/L SC				*Coragen MaX*	FMC
cyantraniliprole - 100 g/L				*Exirel*	FMC
cyantraniliprole - 135 g/L SC	abamectin - 28.5 g/L			*Minecto Pro*	Syngenta
cyantraniliprole - 20% WG	thiamethoxam - 20%			*Minecto Duo*	Syngenta
cyantraniliprole - 200 g/L SC				*Verimark*	FMC
cyclaniliprole - 50 g/L				*Harvanta 50 SL*	Belchim Crop Protection
cypermethrin - 250 g/L				*Ship 250 EC*	Sharda CropChem
cypermethrin - 250 g/L EC				*UP-Cyde*	UPL AgroSolutions
deltamethrin - 10 g/L SC	imidacloprid - 75 g/L SC			*Concept*	Bayer
deltamethrin - 100 g/L EC				*Decis 100 EC*	Bayer
deltamethrin - 50 g/L EC				*Advantage Deltamethrin 5 EC*	Advantage Crop Protection
deltamethrin - 50 g/L				*Decimate*	NewAgco
deltamethrin - 50 g/L				*Rauma*	Viking
delthamethrin - 25 g/L EC				*Poleci 2.5 EC Western*	Sharda CropChem
diatomaceous earth				*Protect-It*	Hedley Technologies
dimethoate - 400 g/L				*Cygon 400EC*	FMC
dimethoate - 480 g/L EC				*Cygon 480-Ag*	FMC
dimethoate - 480 g/L EC				Diamante 4	Sharda CropChem
dimethoate - 480 g/L EC				*Lagon 480E*	Loveland Products
ferric phosphate - 0.76 % granules				*Sluggo Professional*	Belchim Crop Protection
flonicamid - 50% WP				*Beleaf*	FMC
flonicamid - 50% WG				*Carbine*	FMC
flupyradifurone - 200 g/L				*Sivanto Prime*	Bayer

(Component 1) Active Ingredient* - Formulation	(Component 2) Active Ingredient* - Formulation	(Component 3) Active Ingredient* - Formulation	(Component 4) Active Ingredient* - Formulation	Product	Company
flupyradifurone - 75 g/L	deltamethrin - 10 g/L			*Sivanto Energy*	Bayer
imidacloprid - 240 g/L SC				*Admire 240*	Bayer
imidacloprid - 75 g/L SC	deltamethrin - 10 g/L SC			*Concept*	Bayer
lambda-cyhalothrin - 120 g/L EC				*Labamba*	Sharda CropChem
lambda-cyhalothrin - 120 g/L EC				*Matador*	Syngenta
lambda-cyhalothrin - 120 g/L EC				*Silencer 120 EC*	ADAMA
lambda-cyhalothrin 120 g/L EC				*Zivata*	ADAMA
lambda-cyhalothrin - 50 g/L	chlorantraniliprole - 100 g/L			Voliam Xpress	Syngenta
malathion - 85%				*Malathion 85E*	Loveland Products
methoxyfenozide - 240 g/L				*Intrepid*	Corteva Agriscience
mineral oil - 99%				*Superior 70 oil*	Loveland Products, N.M. Bartlett
novaluron - 10% EC				*Rimon 10 EC*	UPL AgroSolutions
novaluron - 100 g/L EC	acetamiprid - 80 g/L			*Cormoran*	ADAMA
permethrin - 384 g/L EC				*IPCO Synchro*	IPCO
permethrin - 384 g/L EC				*Perm-UP*	UPL AgroSolutions
permethrin - 384 g/L EC				*Pounce*	FMC
permethrin - 500 g/L EC				*Ambush*	Amvac Chemical
phorate - 20% G				*Thimet 20G*	Amvac Chemical
phosmet - 70% WP				*Imidan*	Gowan
Plutella xylostella granulovirus isolate GV-0020 - minimum of 2.5 X 10^{13} occlusion bodies/L				Plutex	Andermatt Canada
spinetoram - 25% SG				*Delegate*	Corteva Agriscience
spinosad - 0.07% EC				*Scorpio Ant and Insect Bait*	Belchim Crop Protection
spinosad - 480 g/L SC				*Success 480 SC*	Corteva Agriscience
spinosad - 80% WP				*Entrust*	Corteva Agriscience
spiromesifen - 240 g/L SC				*Oberon*	Bayer
spirotetramat - 240 g/L SC				*Movento 240 SC*	Bayer
sulfoxaflor - 240 g/L				*Closer*	Corteva Agriscience
tetraniliprole - 200 g/L				*Vayego 200 SC*	Bayer
thiamethoxam - 20%	cyantraniliprole - 20% WG			*Minecto Duo*	Syngenta
thiamethoxam - 240 g/L SC				*Actara 240 SC*	Syngenta
thiamethoxam - 25% WG				*Actara 25 WG*	Syngenta