



Introduction

This 2024 Product Use Guide provides technical information about Corteva Agriscience™ alfalfa products and sets forth requirements and guidelines for the use of these products. Please read all of the information pertaining to the technology you will be using, including stewardship and related information.

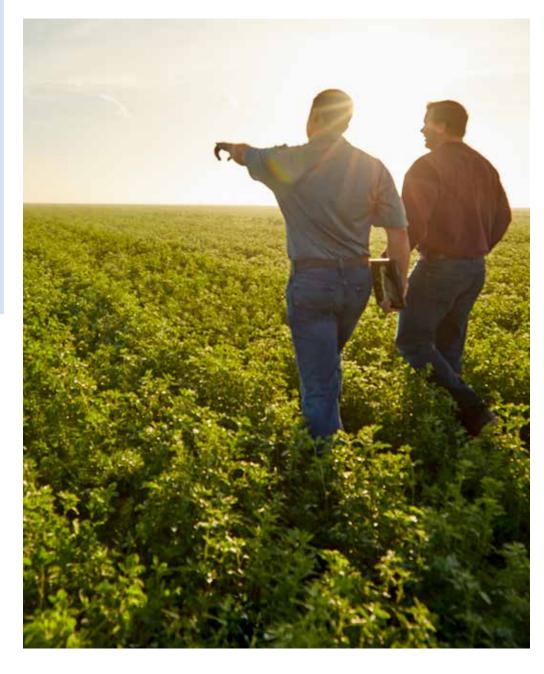
This technical guide is not a pesticide product label. It is intended to provide additional information and to highlight approved uses from certain product labels. Read and follow all precautions and label instructions on any agricultural or pesticide products that you are using.

Not all products described in this Product Use Guide are available in all brands.

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If you have any questions, contact your sales professional.



Stewardship Overview

A Message About Stewardship

Corteva Agriscience is committed to the responsible management of all its seed products.

By accepting delivery of any Corteva Agriscience product, growers are contractually obligated to comply with all laws, regulations, and Corteva Agriscience stewardship requirements described in Product Use Guide(s) and any product-specific stewardship requirements, as each may be amended from time to time by Corteva Agriscience.

Proper stewardship of Corteva Agriscience products is beneficial to growers and other stakeholders, including enabling continued grower access to Corteva leading germplasm and biotechnology traits in seed products and helping to enhance grower productivity and profitability. Proper stewardship also promotes responsible use of these products, such as mitigating potential resistance development to enhance long-term durability of Corteva Agriscience technologies. When combined with best management practices, Corteva Agriscience products provide options for growers and their customers. To help enable grower success and protect Corteva technologies, growers must agree and understand the stewardship requirements, such as potential grain use restrictions, including but not limited to:

- Sign and comply with the Corteva Agriscience Technology Use Agreement (TUA), which may be amended from time to time. Signing the TUA permits access to the Corteva Agriscience germplasm and the biotech trait technologies in Corteva Agriscience seed products.
- Follow Stewardship requirements detailed in Product Use Guide(s), (www.corteva.ca/en/trait-stewardship.html) and on product-specific labels.
- Read and follow all seed, pesticide, or other product labels and information.
- Implement appropriate product-specific Insect Resistance Management (IRM) and/or Herbicide Resistance Management (HRM) practices, as required by Corteva Agriscience and the Canadian Food Inspection Agency (CFIA). Following IRM and HRM requirements helps limit development of insect and herbicide resistance and helps to maintain the long-term durability of these technologies.
- Use of Corteva Agriscience seed products solely for producing a single commercial crop encourages the development of better, high yield potential germplasm and additional technologies and innovations, further improving agricultural productivity.
- Growers are required to discuss trait acceptance and grain purchasing policy with the grain purchaser or grain handler prior to the delivery and sale of crop products (e.g., grain or other plant material containing biotech traits) and only deliver grain to a purchaser or grain handler that agrees grain and by-products will be marketed in markets where such products are authorized for the specific use. For more detailed information on the status of a trait or stack, please visit www.biotradestatus.com.
- Follow any additional stewardship requirements that Corteva Agriscience deems necessary for a particular product (e.g., grain or feed use or geographical planting restrictions, or use of an authorized herbicide).

- Any forward-looking statements made by Corteva Agriscience related to regulatory approval timelines by their nature address matters that are, to different degrees, uncertain. Any forward-looking statements of anticipated regulatory authorization timelines are not guarantees of government agency action and are based on certain assumptions and expectations of future events that may not be realized.
- Contact your local sales professional for more information.

By using Corteva Agriscience products, growers further understand and agree that (1) all crops and materials containing biotech traits (e.g., hay) may only be (a) exported, transferred or moved to or (b) used, processed, or transferred in jurisdictions where all necessary regulatory authorizations have been granted for those crops and materials for such activities, (2) it may be unlawful to export, transfer, or move materials containing biotech traits across borders into jurisdictions where their import and use is not authorized, including through a third party, and (3) products authorized in Canada may or may not be authorized in all global markets; therefore, the combination of these traits and the grain and certain byproducts (including hay) from these products may not be authorized in some markets.



Our Commitment to Excellence Through Stewardship®

www.excellencethroughstewardship.org

Corteva Agriscience is a member of Excellence Through
Stewardship® (ETS). Corteva Agriscience products are
commercialized in accordance with ETS Product Launch
Stewardship Guidance and in compliance with the Corteva
Agriscience policies regarding stewardship of those products.
In line with these guidelines, our product launch process
for responsible launches of new products includes a longstanding process to evaluate export market information, value
chain consultations, and regulatory functionality. Growers and
end-users must take all steps within their control to follow
appropriate stewardship requirements and confirm their buyer's
acceptance of the grain or other material being purchased.

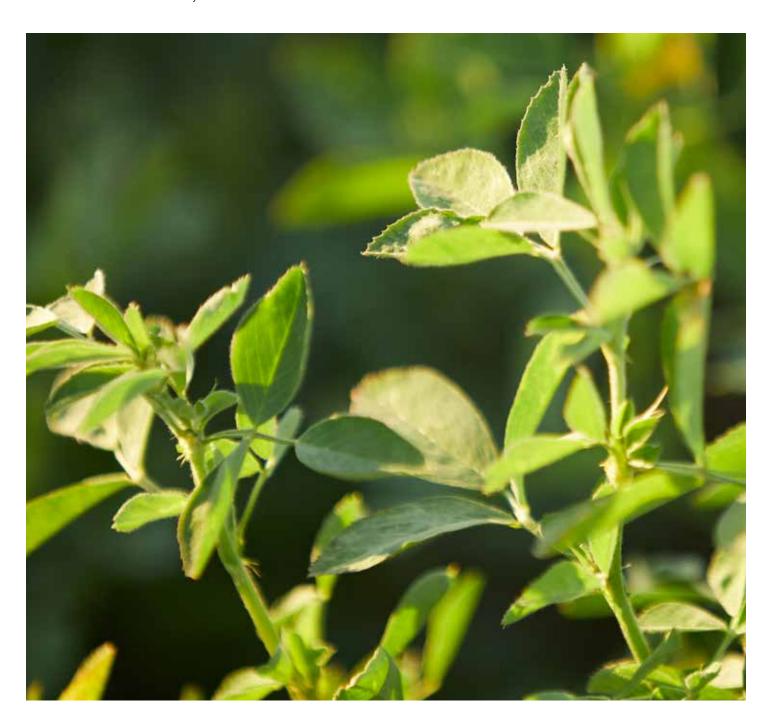
Excellence Through Stewardship® is a registered trademark of Global Stewardship Group.

Integrated Pest Management

As a grower, integrated pest management (IPM), provides you the opportunity to tailor how you manage weeds, insects, and diseases in your fields. IPM integrates responsible use of traits, crop protection products, and cultural management practices to:

- Prevent the buildup of pests through starting with a clean field and rotating crops and traits.
- Use seed products, planting technology, and seedling rates that are appropriate for a given crop in a particular geographic area.
- Scout: Monitor for pest populations throughout the growing season to determine if treatment is necessary.

- Intervene when required, using combination of approaches to manage the pest population.
- Use appropriate maturity products and harvest schedules, destroying crop residue promptly.
- Minimize over-wintering of pests through soil management practices.
- Use crop rotation, including products with different traits, to delay onset of resistance.
- Use multiple modes of action in crop protection products to reduce likelihood of resistance development.



CORTEVA AGRISCIENCE DOES NOT MAKE ANY REPRESENTATIONS, WARRANTIES OR RECOMMENDATIONS CONCERNING THE USE OF PRODUCTS MANUFACTURED OR MARKETED BY OTHER COMPANIES INCLUDING BUT NOT LIMITED TO THOSE THAT ARE LABELED FOR USE IN CROP(S) CONTAINING CORTEVA TECHNOLOGY. CORTEVA AGRISCIENCE AND ITS AFFILATED COMPANIES SPECIFICALLY DISCLAIMS ALL RESPONSIBILITY FOR THE USE OF THESE PRODUCTS IN CROPS CONTAINING CORTEVA TECHNOLOGY. ALL QUESTIONS AND COMPLAINTS ARISING FROM THE USE OF PRODUCTS MANUFACTURED OR MARKETED BY OTHER COMPANIES, OR THE IMPACT TO CORTEVA TECHNOLOGY FROM THE USE OF SUCH PRODUCTS, SHOULD BE DIRECTED TO THOSE COMPANIES. IT IS THE GROWER'S OBLIGATION TO READ AND FOLLOW PRODUCT LABEL REQUIREMENTS. CORTEVA AND ITS AFFILAITED COMPANIES ARE NOT RESPONSIBLE FOR ANY MISUSE OR MISAPPLICATION OF PRODUCTS, INCLUDING PESTICIDES, BY A GROWER.

Additional stewardship information may be found at www.corteva.ca/en/trait-stewardship.html or consult your local sales professional. You may also contact Corteva Agriscience at: 1-800-258-3033.

Monitoring Insect Pests

It is important to carefully monitor fields for all pests to determine whether treatment with a pest control method is needed. Scouting techniques and remedial pest control treatments should address the fact that larvae must hatch and feed before incorporated plant protection technologies have an effect on the pests. Scouting should be performed regularly, particularly after periods of heavy or sustained egg laying (especially during bloom), to determine whether larval survival is significant in a particular field.

Weed Management

Herbicide tolerance technology provides convenient, effective, and economical weed control in crops. However, intensive long term use of any single herbicide mode of action can lead to the development of weeds resistant to that mode of action. Planting crops that enable use of multiple herbicide modes of actions as part of an IPM program can provide consistent, effective weed control while reducing the potential for resistance development. Talk to your local sales professional about the herbicide tolerance in your crops.

Herbicide Groups

The Weed Science Society of America categorizes herbicides into different groups based on their mode of action. If a given weed population has plants resistant to a herbicide in one group, that weed population may not be able to be effectively managed using only other herbicides in that group. However, that weed population may be able to be managed with a different herbicide from a different herbicide group, whether alone or in combination with a herbicide from that same group, or by using other weed management practices, such as mechanical practices. Note that herbicide classification may not, in all circumstances, address weeds resistant to particular herbicides. Consult your local sales professional, state cooperative extension service, professional consultants, or other qualified individuals to discuss appropriate actions to address specific weeds that appear to show resistance to a particular herbicide.

Integrated Weed Management (IWM)

There is no "one size fits all" to any weed management program. We recommend inquiring the advice of your local agronomist or technical advisor to develop a local integrated weed management solution that utilizes widely accepted best management practice (BMPs) concepts.

Maintain clean fields by using the following best practices:

1) START CLEAN

- a. Scout fields before and after use of any management tactic
- Keep accurate records of your management tactics used and their results, including any indications of changes in response with difficult to control weeds
- c. Control weeds early, generally before exceeding 15 cm in height

2) KEEP CLEAN

- a. Use correct herbicide(s) for the weed spectrum, with proper rates and timing
- b. Rotate modes of action ensuring herbicides used provide effective control of the target weed species present in your field.
- c. Incorporate sound agronomic practices that improve your crop's ability to compete effectively with weeds

3) LEAVE CLEAN

- a. Control weed escapes that can occur before or after harvest
- b. Thoroughly clean equipment to avoid field to field weed spread



Herbicide Resistant Weeds

occur at a site or location:

Weed resistance is a serious problem that all of us need to consider when planning our integrated weed management program. Herbicide resistance is the ability of a weed biotype to survive a herbicide application, where under normal circumstances that herbicide applied at the recommended rate would kill the weed. The Herbicide Resistance Action Committee (HRAC) offers additional assistance in confirming herbicide resistance on their website hracglobal.com. Understanding risk for herbicide resistance is important. Table 1 below will help assess the risk of resistance developing in each field. Grower awareness and proactive management of herbicide resistant weeds are part of a successful weed control program. Suspected herbicide

 Failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds.

resistance is defined as the situation where the following three indicators

- A spreading patch of non-controlled plants of a particular weed species;
- Surviving plants mixed with controlled individuals of the same species.

With confirmed herbicide resistance, other weed management practices should be employed to control and prevent the spread of a population of herbicide resistant weeds. Your Corteva Agriscience sales professional can provide recommendations for a particular herbicide resistant weed. Report any incident of non-performance against a specific weed of the herbicide used to your Corteva sales professional, local retailer, or county extension agent. Corteva Agriscience herbicide product labels include weed resistance management language and approved labels, including supplemental labeling, must be in possession of the user at the time of pesticide application and can be obtained by contacting your state's pesticide lead agency or the website www.cdms.net.

Table 1. Assessment of the Risk of Resistance Development per Target Species (The major risk factors within a cropping system)

| | Risk of Resistance | | |
|--|----------------------------------|---------------------|---------------|
| Management Option | Low | Moderate | High |
| Herbicide mix or MOA rotation in cropping system | ≥3 MOAs | 2 MOAs | 1 MOA |
| Integrated Weed Control | Cultural, Mechanical, & Chemical | Cultural & Chemical | Chemical only |
| Use of same MOA per season | Once | More than once | Many times |
| Cropping system | Full Rotation | Limited rotation | No rotation |
| Resistance status to MOA | Unknown | Limited | Common |
| Weed infestation | Low | Moderate | High |
| Control in last 3 years | Good | Declining | Poor |



Alfalfa with Roundup Ready® Technology and/or Alfalfa with HarvXtra® Technology



Not all products described in this Product Use Guide are available in all brands.

Corteva Agriscience offers several alfalfa varieties with Roundup Ready® technology (RR) and/or HarvXtra® technology (HVX).

HVX products contain the biotechnology-derived trait developed to maximize alfalfa quality compared to commercially available alfalfa harvested at the same growth stage, by reducing the amount of lignin in the plant. This technology is designed to ease the yield versus quality trade-off currently faced by alfalfa producers by enabling them to maintain high-quality alfalfa longer. These products also have the same in-plant tolerance to glyphosate as RR alfalfa, which enables growers to apply glyphosate agricultural herbicides up to 5 days before cutting for unsurpassed weed control with excellent crop safety. HVX technology gives growers the options for managing for high quality hay/forage production, including timely cutting to promote high forage quality (i.e., generally before 10% bloom) or slightly delay harvest for higher tonnage without sacrificing acceptable forage quality, while still preventing seed.

Weed Resistance Management Guidelines

Weed control is critical in alfalfa production for top yields and forage quality. Glyphosate offers unsurpassed broad-spectrum weed control and a wide application window for both crop and weeds. The following guidelines can maximize weed control in alfalfa varieties with RR and HVX technology and minimize the risk of developing resistant weeds.

- Spray labeled glyphosate agricultural herbicides soon after emergence through the 4th trifoliate alfalfa growth stage, and before weed height exceeds 4 inches to remove competing weeds and plants.
- To control flushes of weeds in established alfalfa, make applications of labeled glyphosate herbicides at the appropriate use rate before weeds exceed 4 inches in height, up to 5 days before cutting.
- Use other approved herbicide products tank-mixed or in sequence with glyphosate agricultural herbicide as part of a weed control program if appropriate for the weed spectrum present.
- Corteva Agriscience encourages producers to practice good stewardship at all times when using herbicides, and especially when using glyphosate herbicides with glyphosate tolerant crops, including RR and HVX technology. This can help to prevent unwanted weed shifts and even development of resistant weed species. Use other herbicides, where appropriate, to control tough weeds.

Various weed biotypes are known to be resistant to glyphosate. For the current weed control recommendations for glyphosate-resistant weed biotypes, contact your local sales representative. Approved labels, including supplemental labeling must be in the possession of the user at the time of pesticide application. Various weed biotypes are known to be resistant to other herbicides as well. Use herbicides and combinations of herbicides that will control the weed biotypes and species that are present on your farm.

If freezing or near-freezing temperatures are forecast within five to seven days after a planned glyphosate application to a HarvXtra® alfalfa with Roundup Ready® technology crop, the application should be delayed until those conditions are no longer forecast.

Null Plant Removal

The industry standard is 90% for the lower limit of plants expressing resistance in varieties with the RR technology. Plants without the RR technology, known as "null" plants, will be removed with the first glyphosate application. Ideally, this application should occur after the stand is fully established but before it begins its natural thinning process as plants mature. As alfalfa plants approach full stature, the number of plants per square foot begins to decline as plants compete with each other for light, soil moisture and nutrients. For this reason, the first application of a glyphosate herbicide should be made soon after stand establishment, to take out the null plants before they begin this competitive phase. With this strategy, glyphosate herbicides can be applied in later years without fear of null plant loss.

Stand Take-out Guidelines

In conventional or alfalfa varieties with the RR technology, proper stand take-out at the end of a stand's useful life is important to prevent competition with the subsequent crop.

Stand take-out for varieties with RR is similar to that of conventional alfalfa except that glyphosate is ineffective for this purpose. An over-the- top application of a translocated growth regulator herbicide like 2,4-D and/or dicamba is usually effective, especially when followed by some kind of tillage operation that breaks up roots and/or covers crowns and top growth.

Control of alfalfa during the stand takeout operation is much better than trying to control volunteers in the rotational crop. Use recommended and commercially available mechanical and/or herbicidal methods for managing volunteer alfalfa with RR in rotational crop fields. Rotation with certain broadleaf crops is not advisable if the grower is not willing to implement recommended stand termination practices.

Management of Alfalfa varieties with Roundup Ready® technology (RR) and/or HarvXtra® technology (HVX) Volunteers in Rotational Crop Fields

In a timely manner, use recommended and commercially available mechanical and/or herbicidal methods for managing RR and HVX technology volunteers in rotational crop fields.

- Implement treatments before volunteers become too large to control or begin to compete with the rotational crop.
- Herbicide alternatives are available for management of volunteer alfalfa in grass crops.
- Rotation with certain broadleaf crops is not advisable if the grower is not willing to implement recommended stand termination practices.
- In the event that no known mechanical or herbicidal options are available to manage RR or HVX technology volunteers in the desired rotational crop, you should change to a crop with established volunteer management practices for that rotation.

Note: Glyphosate agricultural herbicides are **not** effective for terminating RR or HVX technology volunteers.

Stewardship Requirements

Planting Limitation: RR and HVX technology alfalfa planting is not permitted for wildlife feed plots and not for the production of sprouts. Growers who plant alfalfa with RR and HVX technology by flying on seed must be responsible to prevent and control any resulting feral alfalfa plants.

Hay and Forage Production: Alfalfa with RR and HVX technology should be managed for high quality hay/forage production, including timely cutting to promote high forage quality (i.e. before 10% bloom) to prevent seed development. Additionally, HVX gives growers the option to slightly delay harvest for higher tonnage without sacrificing acceptable forage quality, while still preventing seed.

In geographies where conventional alfalfa seed production is intermingled with forage production, alfalfa with RR and HVX technology must be harvested at or before 10% bloom to minimize potential pollen flow to conventional alfalfa. Alfalfa growers in such areas must also control any feral alfalfa

resulting from the use of alfalfa containing RR and HVX technology. Growers in other areas should harvest before 50% bloom. Growers who are unwilling or who cannot make this commitment to stewardship should not plant or continue to grow alfalfa with RR and HVX technology.

Compliance Requirements

Alfalfa containing RR and/or HVX technology is for sale and planting only in the Ontario and Quebec Canadian provinces, and not for the production of sprouts or seed. Any product produced from an alfalfa crop or seed containing RR and/or HVX technology, including hay and hay products, may only be used, exported to, processed or sold in countries where regulatory approvals have been granted. Always read and follow pesticide label directions. Crops and materials containing biotech traits may only be exported to or used, processed, or sold in jurisdictions where all necessary regulatory approvals have been granted for those crops and materials. It is a violation of national and international laws to move materials containing biotech traits across borders into jurisdictions where their import is not permitted.

Growers may be required to provide copies of records, receipts, and other sales-related documents to Corteva Agriscience, including during an audit or inspection consistent with the Corteva Agriscience Product Use Guide, including the portions relating to alfalfa with HVX and/or RR technology.

Producing a seed crop or a seed catch crop is prohibited except under an authorized seed production contract. Also, alfalfa with RR and/or HVX technology is not permitted to be planted in any wildlife feed plots.

Technology Use Agreement: The Corteva Agriscience Technology Use Agreement provides growers the opportunity to purchase, plant and benefit from alfalfa varieties with RR and HVX technology. Monsanto Company's Roundup Ready gene technology is protected under U.S. patent law. Signing and acceptance of the Corteva Agriscience Technology Use Agreement is necessary before the seed can be delivered to the grower.

Seed & Feed Use Agreement: Additionally, all plantings of HVX shall include execution by the grower of a Seed and Feed Use Agreement noting that HVX technology can only be used on farm or otherwise used in Canada.

China Export Restriction: Prior to planting HVX technology, please be aware that while many import market approvals have been granted, afalfa seed of varieties with HVX technology, and hay and hay products grown from seed of varieties with HVX technology, are restricted from export to China.

PRODUCT USE STATEMENT: HarvXtra® Alfalfa with Roundup Ready® Technology contains the events KK179 and J101. Roundup Ready Technology provides crop safety for over-the-top applications of labeled glyphosate herbicides when applied according to label directions.

Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. Do not export seed with the Roundup Ready® Alfalfa technology or crop, including hay or hay products, to China pending import approval. Purchase and use of HarvXtra® alfalfa with Roundup Ready® technology is subject to a Seed and Feed Use Agreement. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. GROWERS AGREE THAT PURCHASED HARVXTRA® ALFALFA WITH ROUNDUP READY® TECHNOLOGY IS SUBJECT TO A SEED AND FEED USE AGREEMENT AND WILL ONLY BE PLANTED IN LIMITED GEOGRAPHIC AREAS (THE PROVINCES OF ONTARIO, QUEBEC, NEW BRUNSWICK, NOVA SCOTIA, PRINCE EDWARD ISLAND, AND NEWFOUNDLAND), AND MAINTAIN RECORDS ON SPECIFIC PLANTING LOCATIONS TO SUPPORT VERIFICATION IF REQUIRED. Grower must direct any product produced from HarvXtra® Alfalfa with Roundup Ready® Technology seed or crops (including hay and hay products) only to Canadian domestic use. Do not export any product produced from HarvXtra® Alfalfa with Roundup Ready® Technology seed may not be planted for the production of sprouts and may not be planted in any wildlife feed plots.

Please call 1-833-267-8382 for additional information.

Always Read and Follow Pesticide Label Directions. Alfalfa with the Roundup Ready® technology provides crop safety for over-the-top applications of labeled glyphosate herbicides when applied according to label directions. Not all herbicides are registered for sale or use in all states or counties in the United States or all provinces in Canada. Contact your local regulatory agency to determine if a product is registered for sale or use in your area. Always read and follow label directions.

Glyphosate agricultural herbicides will kill crops that are not tolerant to glyphosate. **ACCIDENTAL APPLICATION OF INCOMPATIBLE HERBICIDES TO THIS VARIETY COULD RESULT IN TOTAL CROP LOSS.**

YOU MUST SIGN A TECHNOLOGY AGREEMENT, READ THE PRODUCT USE GUIDE PRIOR TO PLANTING AND FOLLOW HERBICIDE RESISTANCE MANAGEMENT (HRM) REQUIREMENTS.

THIS SEED IS ACQUIRED UNDER AN AGREEMENT THAT INCLUDES THE FOLLOWING TERMS: The licensed Canadian and U.S. Patents for the HarvXtra® Alfalfa with Roundup Ready® Technology can be found at the following web page www.traitstewardship.com. IF YOU HAVE NOT SIGNED A TECHNOLOGY USE ANDSEED AND FEED USE AGREEMENTS, THEN THIS DOCUMENT IS NOT AN OFFER OR ACCEPTANCE OF AN OFFER FOR SALE OF THE PRODUCTS LISTED AND ANY PURPORTED SALE OF SUCH PRODUCTS IS VOID. IF YOU HAVE RECEIVED PRODUCTS WITHOUT SIGNING A TECHNOLOGY USE AGREEMENT, YOUR USE OF THOSE PRODUCTS IS UNAUTHORIZED AND UNLICENSED AND YOU MUST, EITHER (i) RETURN SUCH PRODUCTS, OR (ii) SIGN A TECHNOLOGY USE AGREEMENT FOR SUCH PRODUCTS.

Roundup® and Roundup Ready® are registered trademarks of Bayer Group used under license. HarvXtra® is aregistered trademark of Forage Genetics International, LLC. HarvXtra® Alfalfa with Roundup Ready® Technology is enabled with Technology from The Samuel Roberts Noble Foundation, Inc.

Intellectual Property Protection

Corteva Agriscience has a long history of investing in intellectual property to provide growers with high performing varieties and industry leading services. Our continued commitment to product research results in Corteva Agriscience products that consistently deliver high yield potential to help make you more profitable. Corteva Agriscience uses patents and Variety Registration laws to protect our investment in patented germplasm, native and transgenic traits, and breeding technologies. Variety Registration laws give breeders exclusive control over plant varieties for up to 20 years, enabling Corteva Agriscience to bring new products to the marketplace supported by improved technology.

It is important to note that Corteva Agriscience product offerings, even if not biotech, can carry multiple types of intellectual property protection, such as patented genetics, patented breeding technologies, Plant Breeder's Rights, patented transgenic traits, and patented native traits, including through the terms and conditions of use found in the Corteva Agriscience TUA.

The purchase of any Corteva Agriscience variety or trait is done so under license with certain limitations. By using the seed supplied in connection with a Corteva Agriscience Technology Use Agreement, you agree to the fact that the seed — and technology within that seed — includes subject matter owned by Corteva Agriscience, or licensed from a third party, that is protected under Canadian intellectual property laws. **Under this contract, you agree to a single-commercial planting of the seed and agree to not bin run or save your seed.**

Why is a TUA required?

- A TUA is required for the purchase of any Corteva Agriscience seed and technologies - all crops, biotech and non-biotech. The TUA serves as an agreement between the customer and Corteva Agriscience and confirms that the customer understands and agrees to follow all license terms, stewardship and applicable legal responsibilities related to their seed products.
- Even though some products do not contain biotech traits, the TUA protects the intellectual property associated with non-biotech products such as germplasm and other intellectual know-how and patents.
- The TUA grants a limited license for the grower to use/plant Corteva Agriscience seed containing Corteva Agriscience sourced technologies (including germplasm, non-biotech traits, and biotech traits) and produce a single commercial grain crop.
- The TUA requires growers to use and follow the applicable product use guide and labels (seed and herbicide). The TUA prohibits certain activities such as saving seed or use of unauthorized herbicides, including on Enlist® or glyphosate tolerant crops (where applicable).

By abiding by your Corteva Agriscience Technology Use Agreement, you are helping Corteva Agriscience continue to invest in advances in genetics and technology that bring forward new research discoveries and agreeing to follow appropriate product stewardship. These discoveries ultimately help growers increase production and meet new pest and production challenges now and in the future.

Coexistence

For decades, multiple agricultural systems have successfully coexisted in Canada and around the world, from initial production through supply chains to the ultimate end users. Over time, management practices to facilitate these different agricultural systems have developed and have been continuously improved so that high purity and high quality seed and grain is available to help growers, handlers, and end-users maximize opportunities and take full advantage of the wide variety of technologies available to each. One example of successful coexistence is the production of similar commodities in close proximity, such as field corn, sweet corn, white corn, and popcorn. Coexistence strategies should be designed to meet market requirements using science-based industry standards and management practices, and should be flexible to facilitate diverse options and choice for growers and the food and feed supply chain. This flexibility also should include the ability of coexistence strategies to be modified as changes in products, markets, or practices take place. The on-going success of coexistence has depended upon cooperation, communication, flexibility, and mutual respect for each cropping system among the entire value chain. Over the years, growers have adapted to changes and innovation in agriculture by using new farm management practices, new technologies, and other appropriate practices and can continue to do so into the future.

It is therefore incumbent on all growers to consider and implement management practices to satisfy the relevant marketing and stewardship practices required by the desired end market. By choosing to grow any crop, growers are inherently agreeing to use practices appropriate to ensure the integrity and marketability of those crops for the intended market and that suitable management and stewardship practices are being implemented, considering each neighbors' farm management. This is true regardless of the particular market being served, whether it is specialty crops,

identity-preserved crops, organically-produced crops, conventionally produced crops or crops with biotech traits.

For products receiving premiums, the grower is producing a crop supported by a special market price, and therefore assumes responsibility for meeting any applicable market specifications to receive the applicable premium price from that market. Likewise, for products containing biotech traits that may not yet be approved in certain export markets or have special considerations related to production practices (e.g., herbicide application, specialty characteristics), the grower assumes responsibility for the stewardship conditions and implementation related to use of such technologies. Even though the ultimate responsibility is on the grower producing a crop for a particular market to implement appropriate stewardship practices and requirements, including those communicated by a seed provider, it is also each grower's responsibility to communicate with and be aware of the planting intentions of his or her neighbors to gauge the need for any appropriate management and coexistence practices. By communicating what is being grown on neighboring fields and the potential implications of those crops on each growers' management decisions, growers can utilize some of the following coexistence considerations to limit potential conflicts, while acknowledging the generally recognized and accepted occurrence of the movement of incidental amounts of pollen:

- What is the crop biology and what are the product characteristics, specifically considering whether or not the crop is self-pollinating or cross-pollinating;
- What options exist to arrange or select planting locations and fields to help minimize the potential for outcrossing to or from a particular crop, by considering, for example, appropriateness of buffer rows, environmental windbreaks, or land devoted to conservation;

- What options exist related to staggering planting times to help temporally isolate a given crop from the potential of unintended outcrossing;
- What are cleaning and handling options for a particular crop that could help to minimize the potential for inadvertent comingling during planting, harvesting or cleaning activities, considering the use of planters, combines, seed storage bins, seed hopper/boxes, transportation vehicles, and other equipment pre- and post-harvest; and
- Understanding characteristics of applied technologies or pest management tools and the potential impact to different types of crops planted in the vicinity.

In today's agricultural marketplace, growers share common goals of increasing productivity and profitability, and through planning and proactive management measures, coexistence can help all growers meet their productivity goals and stewardship responsibilities while respecting their neighboring farming operations.

Seed Treatment Stewardship

Seed treatments, including fungicides, insecticides, nematicides, and amendments, play a critical role in agriculture and the production of a healthy crop. In addition to helping manage against early season pests and diseases, they serve as a viable alternative to foliar and soil applications.

Seed treatment management and responsible stewardship play a vital role in sustaining our environment while maximizing crop health. Responsible stewardship practices help maintain seed and seed treatment integrity, which keeps the active ingredient on the seed to achieve the maximum crop health benefit for the investment. In addition, these practices help minimize the potential for adverse effects on producers and the environment, including pollinators, which may be present at the time of planting.

Handling

- Always read and follow the label directions and recommendations for proper handling and use of treated seed and seed treatments.
- Use personal protection equipment as recommended on the product label or seed tag.
- Follow all safety precautions as indicated on the label/seed tag.
- Transport and transfer treated seeds safely and in a manner that eliminates the risk of spill and dust.

For more information on pollinator health visit: http://honeybeehealthcoalition.org

Planting

- Always follow planter manufacturer recommendations and avoid excess use of talc and graphite.
- Be aware of the environment in and around your field, taking note of nearby beehives and flowering plants and weeds, which could be attractive to pollinators.
- Limit dust movement from seed packages containing seed treatment. For example, consider factors such as wind speed and direction, and avoid shaking the bottom of the treated seed bag when filling planting equipment.
- Do not transfer treated seed next to active bee hives, at field margins, and adjacent to flowering plants and vegetation.
- For pneumatic planters, direct the exhaust toward the soil surface.
- Ensure all seeds are planted/incorporated into the soil at proper planting depth.
- Follow labeling requirements for disposal/use of unused seed.

Disposal and Cleanup

For a short video on treated seed disposal and cleanup, click here or type into your web browser the following: $\frac{1}{2} \int_{\mathbb{R}^{n}} \frac{1}{2} \int_{\mathbb{R}^{n}}$

https://www.youtube.com/watch?v=2XNG SYXJbA

- Properly dispose of seed packaging/containers in accordance with country and local regulations and container return policy.
- Clean planting equipment in a manner that minimizes dust.
- Avoid cleaning planting equipment next to active bee hives, at field margins and adjacent to flowering plants and vegetation.

Corteva Agriscience is an active participant in industry stewardship best management practices through collaboration with Crop Life Canada, the Canadian Corn Pest Coalition, the Canadian Seed Trade Association and CleanFarms.

Pest Management Regulatory Agency (PMRA) Stewardship Requirements for Neonicitinoids

Neonicotinoid insecticides are toxic to bees. Dust generated during the planting of treated seed may be harmful to bees and other pollinators. To help minimize the dust generated during planting, refer to the complete guidance "Pollinator Protection and Responsible Use of Treated Seed — Best Management Practises" on the Health Canada webpage on pollinator protection at www.healthcanada.gc.ca/pollinators.

When using a seed flow lubricant with this treated seed, only Fluency Agent by Bayer CropScience is permitted. Carefully follow use directions for this seed flow lubricant.

Do not load or clean planting equipment near bee colonies, and avoid places where bees may be for foraging, such as flowering crops or weeds. When turning on the planter, avoid engaging the system where emitted dust may contact honey bee colonies.

Spilled or exposed seeds and dust must be incorporated into the soil or cleaned up from the soil surface.



Corteva Agriscience TECHNOLOGY USE AGREEMENT

2024 Growing Season / Canada TUA valid through December 2024

This Technology Use Agreement ("TUA") is entered into by Grower and Corteva Agriscience to set forth the terms and conditions upon which Grower shall use Seed containing Corteva Sourced Technology (including, but not limited to, germplasm and (conventional seed products, and products such as Optimum® GLY herbicide tolerance, Enlist E3® soybeans, Qrome® com, etc.). All capitalized terms in this TUA shall have the meanings given to them in Section 1 below or as otherwise defined in the Agreement.

By signing below, the undersigned represents and agrees that: (1) he/she is eighteen (18) years of age or older; (2) he/she has read and understands the terms and conditions of the Agreement, including, without limitation, the terms and conditions set forth in the documents linked to this TUA via the hyperlinks provided below; (3) he/she is fully authorized to legally bind and to enter into the Agreement on behalf of the Grower identified in the Grower Information box below; and (4) the terms and conditions of the Agreement are legally binding on the Grower and all individuals and

| entities that will plant and grow crops from Seed on behalf of the u | ndersigned and the Grower | | | |
|---|---------------------------|--|--|--|
| | • | d and understands (1) the Corteva Privacy Statement (www.corteva.ca/en/privacy-policy.html) and this box is checked. Privacy choices may be made as explained in the Privacy Statement. | | |
| OPTIONAL: Opt In: Please check box to receive electronic communications from Corteva Agriscience. | • | cience. Yes, I would like to receive agronomy advice, special offers, product information, news and g "yes" that SMS fees may apply. | | |
| | | | | |
| By: Authorized Grower Signature | Date | Title of Person Signing | | |
| | | | | |
| Printed Full Legal Name of Person Signing | | Corteva Customer or Business Partner ID (optional) | | |
| GROWER INFORMAT | ION - Complete Sec | tion A <u>OR</u> Section B – PLEASE PRINT CLEARLY | | |
| Section A - For an Individual (Sole Proprietorship) Grower | | Section B - For a Business Entity Grower | | |
| C | | | | |
| Grower Legal Name – First MI | Last | Business Name Business Type (Check One): Corporation Partnership | | |
| Farming or "Doing Business As" (d/b/a) Name, if applicable | XQ | Limited Liability Company (LLC) Other | | |
| Shipping/Mailing Address (do not use Legal Land Descriptions) | • | Authorized Representative (Legal Name) | | |
| Town Province | Postal Code | Shipping/Mailing Address (do not use Legal Land Descriptions) | | |
| Phone (Mobile) | | Town Province Postal Code | | |
| E-mail Address | | Phone (Mobile) | | |
| Section C - Seed Supplier | | E-mail Address | | |
| Business Name | | "Loss(es)" means all damages, losses, awards, judgments, settlements, assessments, liabilities, taxes, levies, pens fines, charges, costs and expenses (including any court costs and reasonable legal and professional fees and expenses in investigating and preparing for litigation or proceeding) and any other payments. | | |
| Town Province | Postal Code | "Patents" means Corteva patents, registered and unregistered, held in the United States and/or Canada. "Personnel Information" means any information that identifies, is related to, describes, is reasonably capable of being | | |
| Section D - Corteva | | associated with, or could reasonably be linked, directly or indirectly, with a particular individual or where applicable, relative identifiable juristic person or legal entity. | | |

1. DEFINITIONS: Each of the following terms shall have the meaning specified below:

1. E-mail: agreements@agcelerate.com

Charlotte, NC 28222-1679

2. Mail: AgCelerate PO Box 221679

- "Agreement" means, as of any date of determination, (i) this TUA; (iii) the then-current Guide(s); (ii) the then-current Update Notification(s); and (iii) the terms of the Delivery Ticket, all of which are incorporated herein and deemed a material part of the Agreement.
- "Claim(s)" means any completed, actual, pending or threatened claim, action, suit, demand, or proceeding, whether in law or equity and whether civil, criminal, administrative or investigative (including any action by governmental authorities).
- "Corteva" and "Corteva Agriscience" means, collectively, Corteva Agriscience Canada Company, Pioneer Hi-Bred Canada Company and their affiliated companies.
- "Corteva Sourced Technology" means proprietary germplasm and all current and future seed trait technology as set f applicable Update Notification(s). Corteva Sourced Technology currently covered as Licensed Rights by this TUA includi is not limited to, the Patents listed in Update Notification(s) provided at the time of execution of this TUA or thereafter.
- "Delivery Ticket" means the document signed by Grower upon each delivery of Purchased Seed.
- "Enlist® herbicides" means agricultural products that contain 2,4-D choline herbicide featuring Colex-D Technology.

Send completed paper agreements using one of the following options:

- "Grain" means material utilized for food, feed, fuel and not planted/propagated in the future
- "Grower" means all individuals and/or entities associated with the farming operation identified in the applicable Grower information box above
- "Guide" mean the Product Use Guide document(s) published and updated by Corteva from time to time that specify, among other things, stewardship management practices for Seed, Enlist herbicides and Corteva Sourced Technology.
- "Licensed Rights" means all patent claims (registered and unregistered), trade secrets, rights existing under the US Plant Variety Protection Act (or its foreign equivalents) and other intellectual property rights relating to Corteva Sourced Technology or Enlist herbicide that are reasonably necessary for a Grower's exercise of the limited license granted under Article 2 below with respect to Purchased Seed or Seed Stoot. The Licensed Rights as of any date of determination are set forth in the current Update Notification.
- "Licensee" means an entity that has a valid, active agreement with Corteva granting such entity a license to produce and sell Corteva seed trait technology in its seed products.

- includina
- "Pioneer" means Pioneer Hi-Bred Canada Company and Pioneer Hi-Bred Production Company
- "Production Crop" means a crop the Grower produces for Corteva or a Corteva Licensee, utilizing Seed, pursuant to a valid Seed Production Agreement or similar agreement, which crop is controlled by Corteva or a Corteva Licensee.
- "Purchased Seed" means Seed that is purchased by Gordeva or a Corteva Licensea."

 "Purchased Seed" means Seed that is purchased by Grower from a Seed Seller under a fully executed TUA to which Grower and Corteva are parties, as amended pursuant to Update Notification(s), or otherwise.

 "Representatives" means Corteva or Corteva Licensee, representatives, agents, contractors and designees of any owner of Corteva Sourced Technology.
- "Seed" means agricultural planting seed for all crops containing Corteva Sourced Technology, Enlist herbicides and/or intellectual property sold by Seed Sellers. Seed may contain Third-Party Trait Technology that is subject to such third-party's separate
- "Seed Seller" means Corteva and those individual and entities authorized by Corteva to sell Seed
- "Seed Stock" means seed that is owned by Corteva or a Corteva Licensee that is made available to a Grower to produce a single Production Crop.
- "Third-Party Trait Technology" means proprietary trait technology from a technology provider other than Corteva.
- "Update Notification" means a communication made to growers from time to time by Corteva with updated or new terms of the Agreement, which may include, without limitation, information regarding new and existing Corteva Sourced Technology, the patents licensed under the Agreement and any new or modified Agreement terms. Update Notifications will be distributed routinely and at Corteva's discretion.

- 2. LIMITED LICENSE:
 2.1 Upon acceptance by Corteva of this TUA and for the term of the TUA, unaltered and duly executed by Grower, Grower is granted and hereby accepts, subject to the terms and conditions of the Agreement, a limited, non-transferable, revocable, non-exclusive, and non-sublicensable license by Corteva under the Licensed Rights solely to (i) purchase Seed from a Seed Seller or Corteva Licensee and/or (ii) to plant Purchased Seed to produce a single commercial crop (or in the case that Purchased Seed is alfalfa, multiple commercial forage crops within a season or seasons) in Canada in a single growing season.
- 2.2 If Grower has entered into a current and valid seed production Agreement or similar agreement (collectively, referred to as "Seed Production Agreement") with Corteva or a Corteva Licensee, Grower is granted and hereby accepts, subject to the terms and conditions of the Agreement, a limited, non-transferable, revocable, non-exclusive, non-transferable, nonsublicensable license to plant Seed Stock to produce a single Production Crop in the United States provided that all such Production Crop is delivered to, or its disposition is controlled by, Corteva or the Corteva Licensee.
- 2.3 In addition to the foregoing, when Grower purchases or receives Seed or Seed Stock and/or plants Purchased Seed or Seed Stock containing Enlist* technology, Grower receives a limited license to use Enlist herbicides in conjunction with Enlist* crops grown from such Purchased Seed or Seed Stock. This limited, non-transferable, revocable, non-exclusive, and non-sublicensable license applies solely to Grower's activities in Canada and does not authorize Grower to plant Seed in Canada that has been purchased in or acquired from another country or to plant Seed in another country that has been purchased/acquired in Canada.

Technology Use Agreement, Update Notification or a Product Use Guide, go to www.traitstewardship.corteva.ca or contact Corteva Agriscience at 1-800-667-3852

Revision date: June 2023 / Canada TUA

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2024 Growing Season / Canada TUA valid through December 2024

PROHIBITED ACTIVITIES:

With respect to Corteva Sourced Technology, Grower acknowledges and agrees that Grower is NOT permitted to do any of the following and should Grower, or someone on Grower's behalf, perform any of the activities listed below, shall result in Grower being in breach of this TUA:

- irrower being in breach of this TUA:
 supply, sell, transfer, license, sublicense or otherwise distribute any Seed, Seed Stock, or Corteva Sourced Technology to
 any other person, entity or other third party for planting or any other purposes;
 accept any Seed or Seed Stock from any third party other than a Seed Seller, Corteva or a Corteva Licensee;
 save, clean or use any crop produced from Seed for planting and/or supply crop produced from Seed to anyone for
 planting. The planting of any crop produced from Seed is not licensed and shall constitute infringement of Corteva's
 Patents, unless specifically permitted by a written agreement with Corteva or a Corteva Licensee;
 plant Seed for seed production unless and only if, Grower has entered into a valid, written Seed Production Agreement or
 similar agreement with Corteva or a Corteva Licensee;
 which requires Grower to physically deliver the resulting crop to
 either Corteva or a Corteva Licensee;
- either Corteva or a Corteva Licensee; sell for non-seed purposes all of the Seed produced; purchase or otherwise obtain from Corteva or the Corteva Licensee any of the Seed produced unless, after physical delivery by Grower to Corteva or the Corteva Licensee, the Seed has been conditioned, packaged and delivered by Corteva or the Corteva Licensee, the Seed has been conditioned, packaged and delivered by Corteva or the Corteva Licensee to Grower in the same manner as Seed sold by Corteva or the Corteva Licensee to growers who have not entered into a Seed Production Agreement; and/or use or allow others to use Seed, plant any Seed or use any crop or plant material produced from Seed, for crop breeding, research, or generation of the chicked or other regulatory registration data. Grower may not conduct research on Grower's crop produced from Seed.

- crop produced from Seed.

 In addition to the above Prohibited Activities, and with respect to Enlist® crops and herbicide use on those crops, Grower acknowledges and agrees:

 the Grower is NOT permitted to use any pyridyloxy-carboxylate herbicides (e.g., triclopyr, fluroxypyr) on Enlist E3® soybean crops for spring burn-down, pre-plant, pre-emergence or post emergent application, unless the product is expressly labeled for use on Enlist E3 soybean;

 following burn-down (including pre-emergence use). Grower is NOT permitted to use any phenoxy-carboxylate herbicide-containing product (e.g., containing 2,4-D, 2,4-DB, MCPA, dichlorprop, LV6, MCPB, mecoprop), which is NOT expressly labeled for use in conjunction, with Enlist crops and does not contain 2,4-D choline with Colex-D® technology; and/or of following burndown, Grower is NOT permitted to use any aryloxyphenoxy-propionates (AOPP) herbicides (e.g., quizalofop, diclofop, fenoxaprop, fluazifop) on emerged Enlist® corn, unless the product is expressly labeled for use in conjunction with Enlist corn;

Should Grower, or someone on Grower's behalf, perform any of the activities listed above, they shall be in breach of this TUA. Grower further acknowledges and agrees that the limited license(s) granted herein do not convey or otherwise transfer any ownership rights of Corteva Sourced Technology or Enlist* herbicides to Grower.

3. UPDATES AND DOCUMENTS THAT ARE PART OF THIS AGREEMENT:

3.1 Each Update Notification is hereby incorporated into this TUA and deemed a material part of the Agreement once posted on www.traitstewardship.conteva.ca. For so long as Grower has a valid TUA in effect with Corteva, Corteva will provide notice of Update Notifications to Grower to the email address or physical address provided by Grower in the Grower Information box above.

3.2 Current Guides are available from Seed Sellers, from Corteva directly and on www.traitstewardship.corteva.ca.

3.3 Until this TUA is terminated or superseded as set out in Article 6, the terms and conditions of use set forth on the packaging, container or label (including bagifags) (collectively, "Label Terms") of Purchased Seed and terms and conditions of the Delivery Ticket are hereby incorporated herein and deemed a material part of the Agreement.

3.4 Grower acknowledges and agrees that updates of the Agreement, any Update Notification and any Guide published from time to time by Corteva are incorporated herein and deemed a material part of the Agreement once posted on

3.5 Grower's use of Seed after Corteva posts an update on www.traitstewardship.corteva.ca which updates of this TUA, the Agreement, an Update Notification or a Guide, or a new Update Notification or a new Guide, constitutes Grower's acceptant agreement to be bound by the provisions of such updated or new documents.

agreement to be bound by the provisions or such updated or new updated.

3.6 Inconsistencies among (i) the Update Notification, (ii) the TUA, (iii) relevant Guide(s), each as posted on www.traitstewardship.corteva.ca at the time Grower opens a bag or container of Seed for planting and (iv) Label Terms, shall be resolved in the following order: first, in favor of the Update Notification, second, the TUA, third, the Guide(s) and fourth, the Label Terms.

4. STEWARDSHIP AND COMPLIANCE:

- 4.1 Grower agrees to read and follow all applicable laws and regulations, all applicable Guides, the terms of the Delivery Ticket at the Label Terms associated with Corteva Sourced Technology and Enlist herbicides. Grower agrees to follow the best management practices, recommendations and guidelines provided in all applicable Guides.
- management practices, recommendations and guidelines provided in all application cludes.

 4.2 Grower agrees to read and follow all insect Resistance Management ("IRM") requirements set forth in the Guide, including any requirements to establish and maintain a refuge. Failure to follow IRM requirements may result in loss of access to insect protected hybrids for at least one year.

 4.3 Grower acknowledges that modification, revocation or cancellation of regulatory authorizations and/or registrations including, but not limited to, biotech or other trait(s), enabling technologies and/or enabled pesticide, herbicide or fungicide product(s) by local, provincial, federal, or foreign regulatory agencies may occur and are outside the control of Corteva. Grower seed and follow directions for use on pesticide, insecticide, fungicide or herbicide labeling as set forth in the Product Use Guide. Grower acknowledges and agrees to acrower's obligation to follow and adhere to any such modifications, revocations or cancellations. Grower further understands that regulatory status and available supplies of a biotech trait(s) and/or pesticide product may limit its availability for use in a particular growing season and/or the marketability of the resulting Grain crop.
- 4.4 Grower acknowledges and agrees that, following burndown, the only 2,4-D-containing herbicide products that can be used with Enlist crops are products containing Colex-D Technology and are expressly labeled for use on Enlist crops.
- 4.5 Grower agrees to follow herbicide resistance management ("HRM") practices, such as pre-and post-application field scouting and reporting. Lack of herbicide efficacy must immediately be reported to Corteva.
- A: 6 Grower agrees to provide Grower's reasonable cooperation to Corteva and the Representatives in connection with their efforts to verify Grower's compliance with stewardship, IRM, HRM and other requirements of the Agreement, including, but not limited to, completing written and oral questionnaires and cooperating with Corteva and third party on-farm IRM compliance assessments.
- completing written and orial questionnairies and cooperating with Corteva and third party on-tarm IRM compliance assessments.

 4.7 Corteva is a member of Excellence Through Stewardship@ (ETS). Corteva Seed products are commercialized in accordance with ETS Product Launch Stewardship Guidance and in compliance with Corteva's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodify Crops. Any crop or material covered by this Agreement including, but not limited to, proprietary plant varieties and/or hybrid products can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing blotech traits across boundaries into nations where import is not permitted. Growers must talk to their Grain handler or product purchaser to confirm their buying position for these products and Grower shall direct crops, Grain, or material produced from Seed can only be exported to, or used, processed, or sold in countries where all necessary regulatory approvals have been granted. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.
- 4.8 Grower will provide information, as reasonably requested by Corteva, Seed Sellers or Representatives, including, without limitation, crop reporting information and corresponding aerial photographs, for the sole purpose to verify compliance with the Agreement (including, without limitation, the license grant, stewardship, IRM, HRM and other requirements).
- 4.9 In addition, Grower authorizes Corteva Seed Sellers or Representatives, to enter upon land, for three (3) years following where 4.9 in addition, Grower aumorizes Correva Seed Seiers or representatives, to enter upon land, for time (3) years tolorwing Seed as well as any refuge area and access to bins, wagons or seed storage containers for purposes of examining the land and Grower's crop and taking samples of crops, crop residue or seeds located therainers for grower shall supply Corteva with a list of all locations planted by or on behalf of Grower. Such inspection, examination or sampling shall be available to Corteva and the Representatives only after Corteva or the Representatives deliver or mail to the Grower written notification at least three (3) says in advance and Corteva or the Representatives also have reasonably attempted to discuss the visits. with the Grower in advance of the visit.
- 4.10 Corteva indemnification of Grower shall be limited to damage to seed crop fields, commercial crop fields or personal property caused by Corteva employees or Representatives. For clarity, Corteva shall not indemnify Grower for Grower's (or any other persons) acting on behalf of Grower) gross negligence, violation of this TUA, violation of any law or regulation or any other damages, fines, penalties, enforcement, law suits or any other outcomes resulting from Grower's decisions, actions or failure to act.
- 4.11 Upon the request of the Corteva Seed Sellers or Representatives, Grower shall furnish copies of invoices and other relevant documents related to Grower's purchases of seed and chemical transactions and Grower also agrees to disclose to Corteva, Seed Sellers and/or Representatives certain information, including the locations of all fields, to confirm complicate with this Agreement following Corteva's actual (or attempted) oral communication with Grower and not later than seven (7) days after the date of a written request from Corteva, including the locations of all fields planted with crops containing Corteva Sourced Technology or where Enlist herbicide as applied, the identities of all herbicides applied to these fields and other data as specified in the Guide(s).
- A:12 As Grower is claiming a tax exemption for the Purchased Seed, Grower hereby represents and warrants that: (i) Grower is in the business of agricultural production, (ii) the Purchased Seed will be used solely for agricultural production and, (iii) due to the foregoing, Grower qualifies for a tax exemption, under applicable provincial tax laws, for the Purchased Seed. Grower agrees to provide tax exemption certificates as reasonably requested by Corteva or Seed Sellers.

5. HarWACY
5.1 Grower hereby consents to the collection, use and disclosure of Grower's personal and purchase information by and between: (i) Corteva and its affiliated companies, including parents, subsidiaries and affiliates ("Corteva"); (ii) retailers including, but not limited to, Seed Sellers and Processors, from which Grower purchases Corteva products and services; (iii) Corteva partners and services providers (e.g., Agbata, Adobe Global Ag Risk Solutions, Salesforce, SeedWare, Tangana), for the purpose of administering Corteva offers, including validation of product purchases and calculation/issuance of rebates and rewards, in addition to using this information of marketing, surveys, direct mail, digital and social media communication and to improve and motify our products and to personalize services; (iv) Corteva partners and service providers for purposes of conducting on-farm IRM and/or other compliance or regulatory assessments; and (v) commodity associations, promotional boards and trade councils for the proses of collecting and/or refunding approved commodity check-offs, levies and/or fees and maintaining accurate grower lists. Grower understands that by completing and signing this acceptance form, that helshe is eligible to participate in offers but is under no obligation to participate in any offer now or in the future. Grower may withdraw his/her consent to the collection, use and disclosure of his/her personal information at any time by submitting a request here: www.corteva.ca/en/forms/privacy-request.html, although in some cases withdrawing

consent may prevent Corteva from continuing this Agreement. Corteva Agriscience is concerned about privacy issues and wants the Grower to be familiar with how Corteva collects, uses and discloses information. Any information collected from this form, through the Grower to be tamiliar with now Corteva collects, uses and discloses information. Any information collected from this torm, through the provision of services or products, or through website or mobile applications owned and controlled by Corteva will be handled in accordance with the Corteva Privacy Statement. We encourage you to review our Privacy Statement, which describes Corteva's privacy practices in greater detail. The Privacy Statement may be accessed here: www.corteva.cafe/privacy-policy html. By providing personal information to Corteva, the Grower agrees to the terms and conditions of the Privacy Statement. Different Corteva websites or mobile applications may have different purposes and features and in those instances, a specific privacy disclosure or statement may apply. Each such disclosure or statement supplements and amends the Corteva Privacy Statement.

6. TERM AND TERMINATION:

6. TERM AND TERMINATION:
6.1 Excluding those provisions that by their nature need to survive termination of this TUA in order to effectuate their purpose, this TUA, once signed by Grower and accepted by Corteva, will remain in effect until terminated or superseded. Grower or Corteva may terminate this TUA at any time and for any reason by at least thirty (30) days written notice of termination to the other party at the address specified in section A, B or D above. In addition to the foregoing, Corteva reserves the right to revoke Grower's right coal easy Corteva Sourced Technologies and Enlist herbicides upon at least thirty (30) days written notice to the Grower. All license grants granted pursuant to this TUA shall automatically terminate upon the termination of this TUA, without the need for further notice or action. In the case of termination by Grower, such notice of termination must include Grower's full legal name, address and license number. Upon termination of this TUA or a license granted hereunder with respect to any Corteva Sourced Technology and Enlist herbicides (and the present containing such Corteva Sourced Technology or Enlist herbicides, which may require destruction; (ii) Grower shall return unused Seeds containing such Corteva Sourced Technology or Enlist herbicides. NotWithstanding the foregoing, Grower's obligations and Corteva's rights that arose under this Agreement prior to termination will continue in effect.

7. CORTEVA SOURCED TECHNOLOGYFEES:

7.1 Grower agrees to pay a designated Corteva entity or Corteva Licensee all applicable fees that are a part of, associated with or collected with the purchase and use of any Seed and/or Corteva Sourced Technology or Enlist herbicide upon Corteva's payment terms then in effect. Corteva reserves the right to change from time to time the amount of and how it charges Corteva Sourced Technology or Enlist herbicide fees. Grower shall pay interest to Corteva on any past-due fees at the rate of 1.5% per month (18% per annum) or the maximum amount permitted by law, whichever is less, from the applicable due date for such fees until paid. Any payments received by Corteva may be applied to unpaid fees, interest or other charges in Corteva's discretion.

8. PRODUCT DESCRIPTION EXPRESS WARRANTY:

8.1 Corteva warrants that the Purchased Seed conforms to the written description(s) on the label, package, bag, tag or cont tolerances, if any, established by law, when used in accordance with the applicable directions and in compliance with the Aç

9. DISCLAIMER OF WARRANTY:
9.1 TO THE EXTENT ALLOWABLE BY LAW, THE EXPRESS WARRANTY ABOVE EXCLUDES, AND IS IN LIEU OF, ALL OTHER WARRANTIES, EXPRESS, IMPLIED, STATUTORY OR OTHERWINSE, INCLUDING ANY WARRANTY OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY EXPRESS! V DISCLAIMED. All applicatements are contingent upon the proper use in the application for which the Seed was intended and does not cover Seed which has been modified in any manner (including, but not limited to, insecticide or fingicides seed treatment, in-furror fertilizers, biologicals or micrountient products of any kind not provided directly by or otherwise approved by Corteva) or which have been subjected to improper storage, abuse, misuse, alteration or neglect. CORTEVA DOES NOT MAKE ANY REPRESENTATIONS, WARRANTIES OR RECOMMENDATIONS CONCERNING ANY SEED OR PRODUCT NOT COVERED BY THIS TUA (*THIRD PARTY PRODUCT*), INCLUDING, BUT NOT LIMITED TO, THIRD PARTY PRODUCT THAT IS LABELED FOR USE ON PIONER BRAND SEED OR OTHER CORTEVA AGRICIENCE PRODUCTS. CORTEVA SPECIFICALLY DISCLAIMS ALL RESPONSIBILITY FOR THE USE OF THIRD PARTY PRODUCT WITH PIONEER OR BREVANT BRAND SEED OR OTHER CORTEVA AGRICIENCE PRODUCTS. ALL QUESTIONS AND COMPLAINTS ARISING FROM THE USE OF THIRD PARTY PRODUCT SHOULD BE DIRECTED TO THE COMPANIES PROVIDING OR PRODUCTION SUCH THIRD PARTY PRODUCT SHOULD BE DIRECTED TO THE COMPANIES PROVIDING OR PRODUCT IS LIMITED PARTY PRODUCT. ANY REPRESENTATION OR WARRANTY RELATED TO ANY CORTEVA PESTICIDE PRODUCT. IS LIMITED SOLLY TO ANY REPRESENTATIONS OR WARRANTES MADE AS PART OF THE SALE OF SUCH CORTEVA PESTICIDE PRODUCT.

10. LIMITATION OF LIABILITY AND PROMPT NOTICE OF CLAIM:

10. LIMITATION OF LIABILITY AND PROMPT NOTICE OF CLAIM:

10.1 GROWER'S EXCLUSIVE REMEDY FOR ANY CLAIM OR LOSS (INCLUDING, WITHOUT LIMITATION, CLAIMS ALLEGING BREACH OF WARRANTY, CONTRACT, TORT, STRICT LIABILITY, INFRINGEMENT OR NEGLIGENCE), SHALL BE LIMITED SOLELY AND EXCLUSIVELY TO (i) REPAYMENT OF THE ARMOUNT OF THE PURCHASE PRICE OF THE APPLICABLE SEED, OR (ii) REPLACEMENT OF THE AFFECTED SEED, AT THE ELECTION OF CORTEVA AND ITS APPLICABLE SEED SELLER CORTEVA SHALL BEAR NO LIABILITY FOR LOSS OF OR DAMAGE TO SEED AFTER SEED HAS BEEN DELIVERED TO THE PARTY PURCHASING THE SEED. For clarify, Corteva shall not indemnify Grower for grower's (or any other person(s) not acting on behalf of Corteva) negligence, violation of the Agreement, violation of any law or regulation or any other Losses or any other outcomes resulting from Grower's or Grower's employees, contractor's, or agent's decisions, actions or failure to act.

10.2 IN NO EVENT SHALL CORTEVA, ITS SEED SELLERS OR LICESEES BE LIABLE FOR ANY INDIRECT, INCIDENTAL SPECIAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH THE SEED OR OTHER CORTEVA PRODUCT. CORTEVA DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED AND MAKES NO STATEMENT WITH RESPECT TO THE ONGOING OR FUTURE REGULATORY STATUS, ACCEPTABILITY, SUPPLY OR AVAILABILITY OF A BIOTECH TRAIT OR TRAIT STACK, INSECTICIDE, FUNGICIDE OR HERBICIDE PRODUCT COMPATIBLE WITH THE SEED, OR, IN EACH CASE, CONTAINED IN THE SEED. THESE TERMS ARE INDEPENDENT OF THE REGULATORY STATUS OF ANY TECHNOLOGY CONTAINED IN, OR SEED FOR USE WITH THE SEED, INCLUDING PESTICIDE PRODUCTS.

10.3 Because Corteva must have sufficient time to investigate any Claim regarding the performance or non-performance the Seed, Claim can be asserted against Corteva unless Grower gives notice to Corteva within fifteen (15) days after Grower first observes or knowledge of indications that the performance of the Seed may be subject to a valid warranty Claim, is not as warranted.

11. RIGHT OF ENTRY:

11.1 For the term of this TUA and for one year following its termination, Grower hereby grants Corteva, the Representatives and their respective employees. contractors, subcontractors, agents and designees (collectively, "Personner"), the complete and unencumbered right, at all times, to (i) observe and/or take video and/or pictures of the crop or Seed, farming activities, spray or other applications, and hanesting activities, april or (ii) enter upon and have reasonable ingress to and egress from, through, over, under, across and across the property where Grower has planted or is storing or growing Seed as well as having similar access to any refuge area and bins, wagons, trader trailers or seed storage containers for purposes of data collection, field and examining the land and Grower's crop and taking samples of soil, crops, crop residue or seeds located thereon. Such collection, inspection, examination, testing of sampling stall be performed by Personnel only after Corteva or the Representatives deliver or mail to Grower written notification of the Personnel's visit at least three (3) days in advance and Corteva or the Representatives deliver or mail to Grower written notification of the Personnel's visit at least three (3) days in advance and Corteva or the Representatives deliver or mail to Grower written notification of the Personnel's visit at least three (3) days in advance and Corteva or the Representatives deliver or mail to Grower written notification of the Personnel's visit at least three (3) days in advance of such visits. To the extent of Personnel's residual be solved in common with others having right of passage thereon. If Grower is not the owner of premises where such access is preceded, Grower shall be solely responsible for obtaining consent from the applicable landowner for the visit. To the extent of Personnel's regignent acts or omissions arising out of or in connection with this Article 11, Corteva indemnification of Grower shall be limited to Losses to the applica

12. ADDITIONAL PROVISIONS:

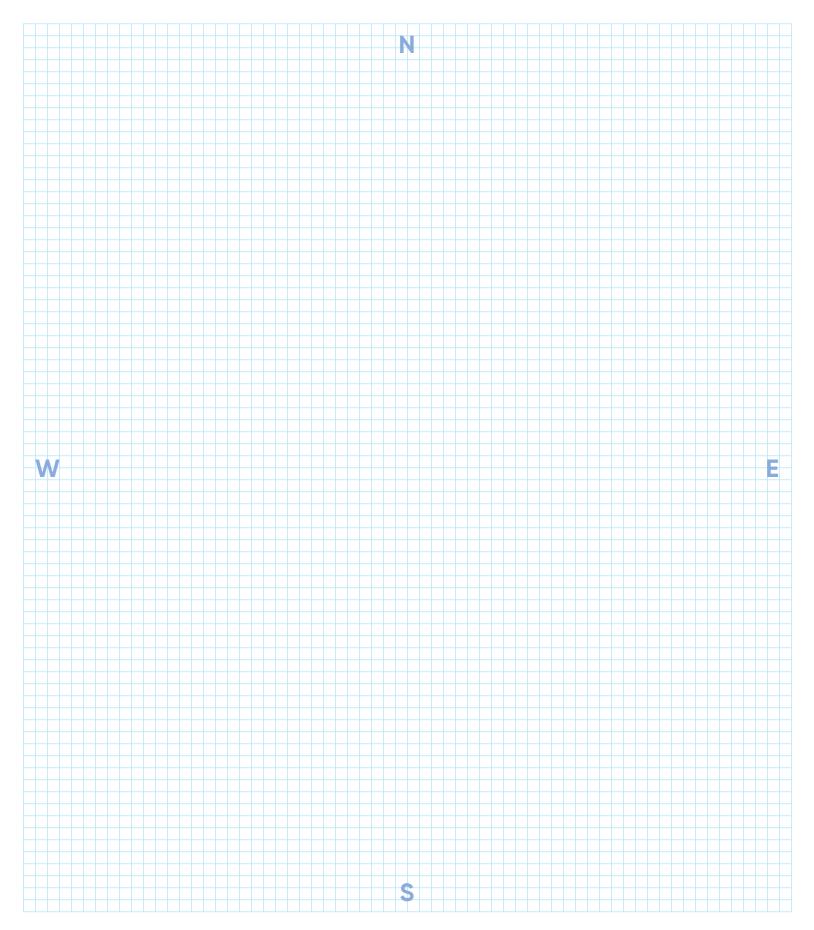
- 12. Activer agrees to communicate all applicable terms, conditions and restrictions on Seed whether under this Agreement, a Guide, an Update Notification or otherwise to all persons and entitles possessing or taking an interest in Grower's Seed and Grain therefrom. Except as provided herein, notices to Grower or to Corteva shall be sent to the addresses specified in sciences. A B or D above. Grower agrees that should any information provided to Corteva herein change, Grower will promptly notify Corteva via section D above. 12.2 Nothing in this Agreement shall be construed as a grant or license from Corteva to the Grower for the use of any Corteva trademark. Grower is required to enter a separate trademark license from Corteva, to use any Corteva trademark(s) including, but not limited to, those marks associated with trait, seed, technology or products.
- 12.3 Grower's rights under this Agreement may not be transferred or assigned to any other person, entity or third party without the prior written consent of Corteva.
- pnor written consent of Corteva.

 12.4 This Agreement (including documents and updates incorporated herein pursuant to Article 3 hereof, constitutes the entire agreement between Grower and Corteva regarding the use of Purchased Seed and Corteva Sourced Technology. All prior agreements and understandings between Grower and Corteva with respect to Purchased Seed and Corteva Sourced Technology are hereby superseded.
- 12.5 If any provision in this Agreement is determined to be void or unenforceable, the remaining provisions shall remain in full force and effect.
- 12.6 The failure of Corteva or any Third-Party Technology providers to exercise one or more of its rights under this Agreement on one or more occasions shall not be deemed a waiver to exercise such right(s) on one or more subsequent occasions.
- 12.7 No class actions: Any dispute arising out of or relating to this Agreement may only be brought on an individual basis and may not be resolved on behalf of a class, as a private attorney-general, or in any other representative capacity. Grower shall not participate in or collect payment as a result of any class, collective, or other representative action of any kind against Cortex.
- coiect payment as a result of any class, collective, or other representative action of any kind against Corteva.

 12.8 Jurisdiction and Governing Law: The interpretation and enforcement of this Agreement shall be governed by the laws of the Province of Ontario and the federal laws of Canada without regard to its choice of law provisions. THE PARTIES AGREE TO CONSENT TO THE JURISDICTION OF THE APPROPRIATE ONTARIO COURT OR FEDERAL COURT OF CANADA FOR ALL DISPUTES ARISING UNDER THIS AGREEMENT, GROWER ACKNOWLEDGES THAT CORTEVA RESERVES ALL RIGHTS TO INITIATE AND PURSUE CLAMIS FOR VIOLATION OF INTELLECTUAL PROPERTY RIGHTS IN THE FEDERAL COURT OF CANADA IN ANY PLACE THAT COURT SITS.
- 12.9 Grower and Corteva unconditionally waive any right to trial by jury in any action, proceeding or counterclaim in any way arising out of, or relating to, this Agreement.
- 12.10 Enforcement Costs: Grower agrees that Corteva and any owners of the patents covered by this Agreement shall be entitled to recover any costs or expenses, including, but not limited to, court costs or reasonable attorneys' fees, it incurs in enforcing its rights under this Agreement if the Grower is determined to be at fault.
- 12.11 This TUA may be executed and delivered by electronic signature (including portable document format) by Grower and Corteva may rely on the receipt of such document so executed and delivered electronically as if the original had been received.
- To 2.12 Any action against Corteva and its Seed Sellers for the breach of the terms of the Agreement, including any warranties arising from it, must be commenced within one year after the cause of action accrues or be barred after such time. Where applicable, all required prerequisites to maintaining a legal action must be compiled with prior to initiating the legal action.
- 12.13 Any dispute arising out of or relating to the Agreement may only be brought on an individual basis and may not be resolved on behalf of a class, as a private attorney-general, or in any other representative capacity. Grower shall participate in or collect payment as a result of any class, collective, or other representative action of any kind against Corteva.

Technology Use Agreement, Update Notification or a Product Use Guide, go to www.traitstewardship.co
Revision date: June 2023 / Canada TUD corteva.ca or contact Corteva Agriscience at 1-800-667-3852

Notes







Do not export seed with HarvXtra® alfalfa with Roundup Ready® technology, including hay or hay products, to China pending import approval status. Purchase and use of HarvXtra® alfalfa with Roundup Ready® technology is subject to a Seed and Feed Use Agreement.

Always read and follow pesticide label directions. Alfalfa with Roundup Ready® technology provides crop safety for overthe-top applications of labeled glyphosate herbicides when applied according to label directions. Glyphosate agricultural herbicides will kill crops that are not tolerant to glyphosate. ACCIDENTAL APPLICATION OF IMCOMPATIBLE HERBICIDES TO THIS VARIETY COULD RESULT IN TOTAL CROP LOSS.

HarvXtra® is a registered trademark of Forage Genetics International, LLC. HarvXtra® alfalfa with Roundup Ready® technology is enabled with Technology from Nobel Research Foundation Institue, LLC. Roundup Ready® is a registered trademark of the Bayer Group, used under license.

Corteva Agriscience is a member of Excellence Through Stewardship® (ETS). Corteva Agriscience products are commercialized in accordance with ETS Product Launch Stewardship Guidance and in compliance with the Corteva Agriscience policies regarding stewardship of those products. In line with these guidelines, our product launch process for responsible launches of new products includes a longstanding process to evaluate export market information, value chain consultations, and regulatory functionality. Growers and end-users must take all steps within their control to follow appropriate stewardship requirements and confirm their buyer's acceptance of the grain or other material being purchased. For more detailed information on the status of a trait or stack, please visit www.biotradestatus.com. Excellence Through Stewardship® is a registered trademark of Global Stewardship Group.

Corteva Agriscience (or its chemical company partners) shall have no liability whatsoever for any losses or damages

resulting from, or related to, or in connection with, (a) the use of incorrect herbicides applied to alfalfa products that contain the herbicide tolerant traits or (b) non-compliance with any of the other instructions set forth above, and all such liability is hereby expressly disclaimed by Corteva Agriscience and waved by you. If you have any questions on anything outlined in this document or would like additional information please contact your local sales professional.

Corteva, Inc. (NYSE: CTVA) is a publicly traded, global pure-play agriculture company that combines industry-leading innovations, high-touch customer engagement and operational execution to profitably deliver solutions for the world's most pressing agriculture challenges. Corteva generates advantaged market preference through its unique distribution strategy, together with its balanced and globally diverse mix of seed, crop protection, and digital products and services. With some of the most recognized brands in agriculture and a technology pipeline well positioned to drive growth, the company is committed to maximizing productivity for farmers, while working with stakeholders throughout the food system as it fulfills its promise to enrich the lives of those who produce and those who consume, ensuring progress for generations to come. More information can be found at www.corteva.com.

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