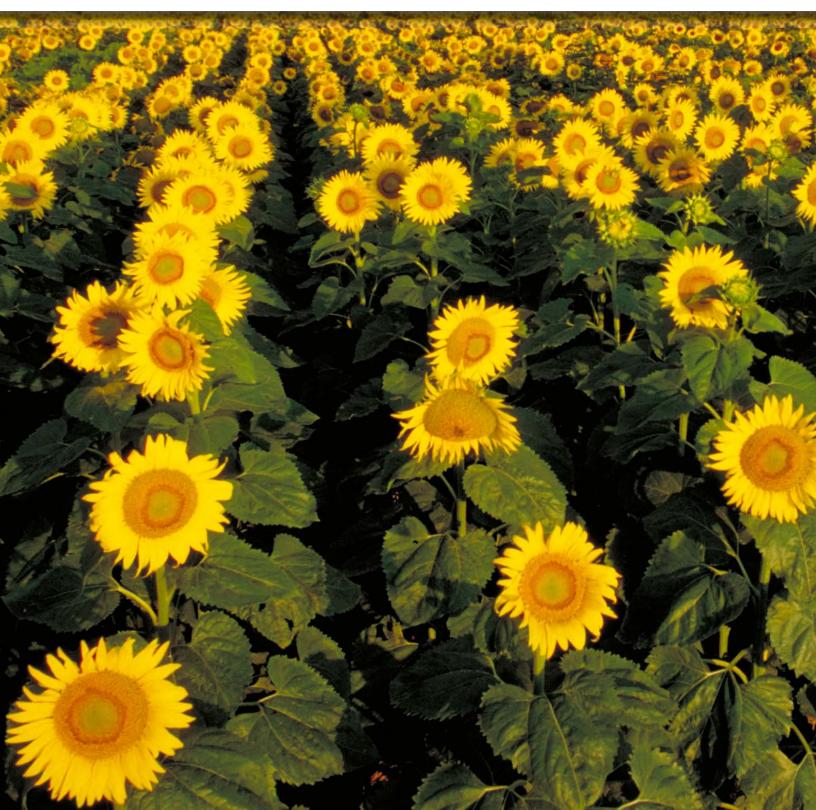
2025 SUNFLOWER canada product use guide





Introduction

This 2025 Product Use Guide provides technical information about Corteva Agriscience[™] sunflower 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.

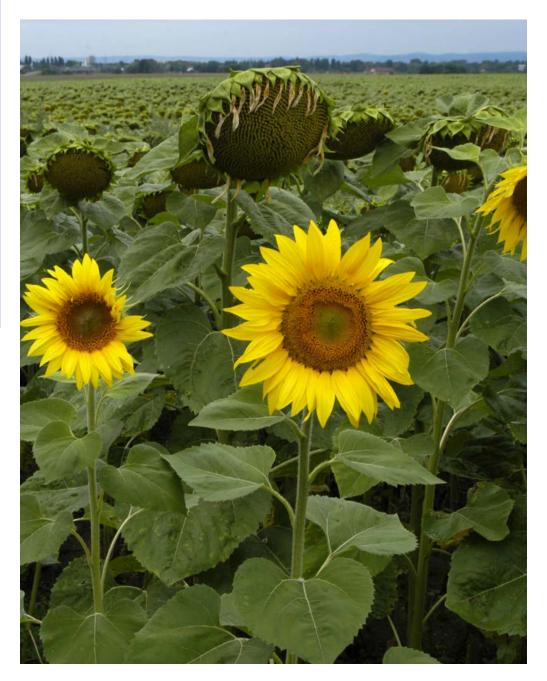
This technical guide is not a pesticide product label. It is intended to provide additional information and to highlight approved uses from certain product labels. Read and follow all precautions and label instructions on any agricultural or pesticide products that you are using.

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 <u>www.biotradestatus.com</u>.
- 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., grain) 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 oil) 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.

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



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 AFFILATED COMPANIES ARE NOT RESPONSIBLE FOR ANY MISUSE OR MISAPPLICATION OF PRODUCTS, INCLUDING PESTICIDES, BY A GROWER.

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

Herbicide Resistant Weeds

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 resistance is defined as the situation where the following three indicators occur at a site or location:

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

- A spreading patch of non-controlled plants of a particular weed species; and
- 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 <u>www.cdms.net</u>.

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

Sunflower Hybrids with the ExpressSun® Trait

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

ExpressSun[®]

trait

Why should I grow sunflower hybrids with ExpressSun[®] tribenuron methyl herbicide tolerant trait?

The technology combines high yield potential sunflower hybrids tailored to your regional conditions with a full package of agronomic traits and tolerance to broad-spectrum herbicides, delivering efficient and effective weed control, crop quality, and global market acceptance.

Sunflower hybrids with the Express *Sun*[®] herbicide tolerant trait are tolerant to Express[®] herbicide. The hybrids have been bred using traditional breeding techniques to provide tolerance to specific herbicides.

- The Express *Sun*[®] herbicide tolerant trait system provides improved weed control over non-herbicide tolerant sunflower hybrids with traditional herbicides, and gives farmers the flexibility to spray herbicides after crop emergence.
- Express herbicide contains the active ingredient tribenuron methyl. This is a Group 2 herbicide. The Express *Sun* trait only provides tolerance to tribenuron methyl and not other Group 2 herbicides.
- Express herbicide will damage any non-herbicide tolerant sunflower hybrid.

It is imperative that good agricultural practices, the herbicide label instructions, local laws and the guidelines below are followed to preserve the efficacy of the technology and comply with all stewardship recommendations.

Management of Volunteer Sunflowers with Herbicide Tolerant Technology

As with all sunflower crops, good volunteer management is essential to avoid competitive weeds in the following crops and the build-up and spread of major diseases.

Volunteers with the herbicide tolerance traits can be controlled in crops other than sunflowers by tillage and/or any non-Group 2 herbicide currently registered for sunflowers. Please contact your local herbicide retailer / distributor to determine the best herbicide options available.

- Plan at least a year ahead when planting sunflower hybrids with herbicide tolerant technology to include a diverse weed management plan and crop rotation that optimizes volunteer control in the next crop.
- Always employ good field hygiene in and around fields of sunflower hybrids with herbicide tolerant technology. Control volunteers in neighboring areas and avoid field-to-field movement of seed with planting, cultivation, and harvesting equipment.
- Prior to planting sunflower hybrids with herbicide tolerant technology, scout for volunteers and wild sunflowers in neighbouring areas. Control these by using tillage, mowing and/or non-Group 2 herbicides alone or in a tank mix, prior to seed set.

Management of herbicide resistance in weeds

The potential for weeds to develop herbicide resistance to herbicides must be considered when planning herbicide use. Herbicide resistance in weeds can develop and spread when a resistant plant reproduces and multiplies with repeated use of the same herbicide mode of action.

- Always grow sunflower hybrids with herbicide tolerant technology in rotation with other non-herbicide tolerant crops. Use at least a 3-year crop rotation, this allows the use of alternate weed control methods, prevents build up of volunteers and also reduces pressure from common sunflower insect pests, diseases and Orobanche. As an additional good practice, avoid planting sunflower hybrids with herbicide tolerant technology in areas with a history of heavy infestations by wild sunflower.
- Do not rely on Group 2 herbicides for weed control across the crop rotation, but alternate modes of action at least 2 out of every 4 years on your fields. Using more than one mode of action herbicide in a mixture is a proven practice to delay the development of resistant weeds. To be effective in preventing the build up of resistance, an herbicide mixture must contain active ingredients which give high levels of control of the target weed and are from different mode of action groups. Please refer to the Express herbicide information label for more details.
- Maintain detailed field records so that cropping and herbicide history is known.
- Scout fields after herbicide application to detect weed escapes or shifts. If a potentially resistant weed or weed population has been detected, use available control methods to avoid seed dispersion in the field.
- Clean equipment before moving between fields and after harvest to minimize the dispersion of weed and volunteer sunflower seed.

If you suspect a weed control failure is caused by weed resistance to an herbicide you should first contact your local sales professional.

¹ Group 2 herbicides, i.e., ALS inhibitors, are products based on the following chemical families: imidazolinones, pyrimidines, sulfonamides, sulfonylureas, triazolopyrimidines. For more information on herbicide groups, please follow this link: http://www.hracglobal.com/pages/classificationofherbicidesiteofaction.aspx

PRODUCT USE STATEMENT: This seed contains the ExpressSun® trait provides resistance to tribenuron-methyl herbicides labeled for use with the ExpressSun trait. **WARNING:** The ExpressSun trait will safeguard **ONLY** against applications of tribenuron-methyl herbicides labeled for use with the ExpressSun trait, when applied at labeled rates. The ExpressSun trait **WILL NOT** safeguard against applications of other herbicides which require a different herbicide resistance gene. 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.

ACCIDENTAL APPLICATIONS OF INCOMPATIBLE HERBICIDES TO THIS HYBRID COULD RESULT IN TOTAL CROP LOSS.

YOU MUST SIGN A TECHNOLOGY AGREEMENT, READ THE PRODUCT USE GUIDE PRIOR TO PLANTING.

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 Plant Variety Protection (PVP) 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: <u>http://honeybeehealthcoalition.org</u>

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 bee hives 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:

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 <u>www.healthcanada.gc.ca/pollinators</u>.

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.



2025 Growing Season / Canada TUA valid through December 2025

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[®] corn, Vorceed[®] Enlist[®] corn, 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 all pages of this TUA 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 landow; 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 undersigned and the Grower.

REQUIRED: By the king this box the undersigned represents and agrees that he/she has read and understands (1) the Corteva Privacy Statement (www.corteva.ca/en/privacy-policy.html) and (2) the privacy terms and hoices in section 5 of this Agreement. This Agreement is not valid until this box is checked. Privacy choices may be made as explained in the Privacy Statement. OPTIONAL: Opt In Privace check box to receive electronic communications from Corteva Agriscience. Yes, I would like to receive agronomy advice, special offers, product information, news and				
<u>OPTIONAL</u> : Opt In PLase check box to receive electronic communications from Corteva Agriscie updates through electronic communications from Corteva Agriscience. I understand that by selecting "				
By:				
Authorized Grower Signature Date	Title of Person Signing			
Drinked Full Lowel Manage of Data Principal	Corteva Customer or Business Partner ID (optional)			
Printed Full Legal Name of Person Signing GROWER I FORMATION – Complete Section	on A <u>OR</u> Section B – PLEASE PRINT CLEARLY			
Section A – For an Individual (Sole Proprietorskip) Grower	Section B – For a Business Entity Grower			
Grower Legal Name – First MI Let	Business Name Business Type (Check One): Corporation Partnership Limited Liability Company (LLC) Other			
Farming or "Doing Business As" (d/b/a) Name, if applicable				
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)	Toon Province Postal Code			
E-mail Address	Phone (Martin			
Section C - Seed Supplier	E-mail Address			
Business Name	"Loss(es)" means all damages, tasses hwards, judgments, settlements, assessments, liabilities, taxes, levies, penalties, fines, charges, costs and expenses (in pating my court costs and reasonable legal and professional fees and expenses, includin in investigating and preparing for little alon or proceeding) and any other payments. "Patents" means Corteva pater Artigister anominegistered, held in the United States and/or Canada.			
Town Province Postal Code	"Personnel Information" means any information that identifies, is related to, describes, is reasonably capable of being associated with, or could reasonably be link or dim of on directly, with a particular individual or where applicable, relates to an			
Section D - Corteva	identifiable juristic person or legal entity. "Pioneer" means Pioneer Hi-Bred Canada Commany and Pioneer Hi-Bred Production Company.			
Send completed paper agreements using one of the following options: 1. E-mail : agreements@agcelerate.com 2. Mail : AgCelerate	"Production Grop" means a crop the Grower produces for Context and the activation of the set of the			
PO Box 221679 Charlotte, NC 28222-1679	Corteva are parties, as amended pursuant to Update Notification (s), or otherwise. "Representatives" means Corteva or Corteva Licensee, representations, and the contractors and designees of any owner of Corteva Sourced Technology.			
DEFINITIONS: Each of the following terms shall have the meaning specified below:	"Seed" means agricultural planting seed for all crops containing Corteva ourced, echnology, Enlist herbicides and/or intellectua property sold by Seed Sellers. Seed may contain Third-Party Trait Techni soy the is so bject to such third-party's separate			
"Agreement" means, as of any date of determination, (i) this TUA; (ii) the then-current Guide(s); (ii) the then-curre Update Notification(s); and (iii) the terms of the Delivery Ticket, all of which are incorporated herein and deemed a mater part of the Agreement.	licensing arrangements.			
"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.	¹ "Update Notification" means a communication made to growers from time to time by creva with updated or new terms of the Agreement, which may include, without limitation, information regarding new and existing Corteya Sourced Technology, the			
"Corteva Sourced Technology" means proprietary germplasm and all current and future seed trait technology as set forth applicable Update Notification(s). Corteva Sourced Technology currently covered as Licensed Rights by this TUA includes, b is not limited to, the Patents listed in Update Notification(s) provided at the time of execution of this TUA or thereafter.	in patents licensed under the Agreement and any new or modified Agreement terms. Update Notifications will be distributed routine			
"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.	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 oranted and hereby accepts, subject to the terms and conditions of the Agreement, a limited, non-			
"Grain" means material utilized for food, feed, fuel and not planted/propagated in the future.	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			
"Grower" means all individuals and/or entities associated with the farming operation identified in the applicable Grower information box above.	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			
"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.	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			
"Licensed Rights" means all patent claims (registered and unregistered), trade secrets, rights switing 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 Stock. The Licensed Rights as of any date of determination are set forth in the currer 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.	2.3 In addition to the foregoing, when Grower purchases or receives Seed or Seed Stock and/or plants Purchased Seed or Seed 1, Stock containing Enist [®] technology, crower receives a limited license to use Enist herbicides in conjunction with Enist [®] crops grown from such Purchased Seed or Seed Stock. This limited, non-transferable, revocable, non-exclusive, and non-sublicensable license anolies solely to Grower's activities in Canada and does not authorize Grower to loant Seed in Canada that has been			

Technology Use Agreement, Update Notification or a Product Use Guide, go to <u>www.traitstewardship.corteva.ca</u> or contact Corteva Agriscience at 1-800-667-3852. Revision date: June 2024 / Canada TUA Copyright © 2024 Corteva Agriscience. All Rights Reserved

2025 Growing Season / Canada TUA valid through December 2025

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:

- srower being in breach of this 10A: supply, sell, transfer, licenses, 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 there corteva or a Corteva Licensee).
- either Corteva or a Corteva Licensee
- either Corteva or a Corteva Licensee; sell for non-seed purposes or use 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 Cortev 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 herbicide or other regulatory registration data. Grower may not conduct research on Grower's crop produced from Seed. Corteva
- In addition to the above Prohibited Activities, and with respect to Enlist® crops and herbicide use on those crops, Growe acknowledges and agrees:
- the Grower is NOT permitted, use any pyridyloxy-carboxylate herbicides (e.g., triclopyr, fluroxypyr) on Enlist E3[®] soybean crops for spring ben down, pre-plant, pre-emergence or post emergent application, unless the product is expressly labeled for use ni hilst E3 soybean; following burndown (Jeducid g pre-frequence use), Grower is NOT permitted to use any phenoxy-carboxylate herbicide-containing product qsp, con ainig 2,4-D, 2,4-DB, MCPA, dichlorprop, LV6, MCPB, mecoprop), which is NOT expressly labeled for use in conjunction y w Enlist crops and does not contain 2,4-D choline with Colex-D⁶ technology; and/or following burndown, Grower NOT symitted to use any aryloxyphenoxy-propionates (AOPP) herbicides (e.g., quizalofo, diclofop, fenox op, dazite,) on emerged Enlist[®] corn, unless the product is expressly labeled for use in conjunction with Enlist corn;
- Should Grower, or someone on Grover's 1 half beform any of the activities listed above, they shall be in breach of this TUA. Grower further acknowledges and agrees the me lin ted license(s) granted herein do not convey or otherwise transfer any ownership rights of Corteva Sourced Techoology or nilst® herbicides to Grower.
- 3. UPDATES AND DOCUMENTS THAT ARE PART OF THIS AGREEMENT:

3.1 Each Update Notification is hereby incorporated into this 1.4 and deemed a material part of the Agreement once posted of www.traitstewardship.confeva.ca. For so long as Grower has a varie non effect with Conteva, Conteva will provide notice of U Notifications to Grower to the email address or physical address no viet of Grower in the Grower Information box above.

3.2 Current Guides are available from Seed Sellers, from Corte

A and deenway real convertiget with Correva, and server when the Grower Information way a end direct and do www.traitstewardship.corteva.ca. end direct and do www.traitstewardship.corteva.ca. tride to and terms indiconditions of use set forth on the packaging, container or "meand Seed" to way and conditions of the Derivery Ticket are hereby "meand Seed" to ways and conditions of the Derivery Ticket are hereby "meand Seed" to ways and conditions of the Derivery Ticket are hereby 3.3 Until this TUA is terminated or superseded as set out in Article or are table (including bag/tags) (collectively, "Label Terms") of Purchased Seed incorporated herein and deemed a material part of the Agreement.

3.4 Grower acknowledges and agrees that updates of the Agreement, any Up Corteva are incorporated herein and deemed a material part of the Agreement www.traitstewardship.corteva.ca. ficatic o. nd

3.5 Grower's use of Seed after Corteva posts an update on <u>www.traitstewardsh</u> Update Notification or a Guide, or a new Update Notification or a new Guide, or by the provisions of such updated or new documents. which up ates of this TUA, the Agreement, an ver's accuration of and agreement to be bound

3.6 Inconsistencies among (i) the Update Notification, (ii) the TUA, (iii) relevant Guide(s), each an www.traitstewardship.conteva.cg at the time Grower opens a bag or container of Seed for plantin the following order: first, in favor of the Update Notification, second, the TUA, third, the Guide(s). elevant Guide(s), each ac trainer of Seed for planting shall be resolved in lat 4. STEWARDSHIP AND COMPLIANCE:

4.1 Grower agrees to read and follow all applicable laws and regulations, all applicable Guidat Terms associated with Corteva Sourced Technology and Enlist herbicides. Grower agree recommendations and guidelines provided in all applicable Guides. agrees to follow

4.2 Grower agrees to read and follow all Insect Resistance Management ("IRM") requirements set forth in the Guide requirements to establish and maintain a refuge. Failure to follow IRM requirements may result in loss of acces hybrids for at least non year.

4.3 Grower acknowledges that modification, revocation or cancellation of regulatory authorizations and/or registrations including, but to, biotech or other trait(s), enabling technologies and/or enabled pesticide, herbicide or funglicide product(s) by local, provincial, fed foreign regulatory agencies may occur and are outside the control of Corteva. Forwer agrees to always read and follow directions for pesticide, insecticide, fungicide or herbicide labeling as set forth in the Product Use Guide. Grower acknowledges and agrees to Grow obligation to follow and adhere to any such modifications, revocations or cancellations. Grower further understands that regulatory site on the set of the set 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

4.6 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.

4.7 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 long-standing 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 <u>www.biotradestatus.com</u>. Excellence Through Stewardship[®] is a registered trademark of Global Stewardship Group.

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).

Immandon, the increase grain, stewardsomp, inver, inver, inver, and under requirements). 4.9 In addition, Grower authorizes Corteva Seed Sellers or Representatives, to enter upon land, for three (3) years following where Grower has planted or is growing 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 thereof. Upon request. 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 an the Representatives only affer Corteva or the Representatives deliver or mail to the Grower written ontification at least three (3) days 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 person(s) 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 ad.

4.11 Upon the request of the Contexta 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 cartain information, including the locations of all fields, to confirm compliance 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).

4.12 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. PRIVACY

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 affitated companies, including parents, subsidiaries and affitiate (Corteva'); (ii) related companies, including parents, subsidiaries and affitate (Corteva'); (ii) related is consented and processors, from which Grower purchases Corteva products and services; (iii) Corteva parents and services providers (e.g., AgData, Adobe Global AQ Reix Solutions, Salesforce, SeedWare, Tangara), for the purpose of administering Corteva offers, including validation of product purchases and calculation/fisurance of rebates and rewards, in addition to using this information fore; (ii) Corteva parents, and services providers for purposes of conducting on-farm IRM and/or other compliance or regulatory assessments; and (i) commodity associations, promotional boards and trade councils for the purposes of collecting and/or reflunding approved commotily collect-offs, levice and/or fees and maintaining accurate grower lists. Grower understands that by completing and signing this accordance to the collection, use and disclosure of hisher personal information of services provoders to provide the set was and vanitable explored and information of averices and remaintaining accurate grower lists. Grower understands that by completing and signing this accerdance information and/or end addition, as addition to using this information of the collection, use addidictore to a lister personal information at any time by submitting a request here: www.conteva.celeforms/arcelegaa.edu and was adverse to personal adverse to feed and and the second set of the corteva privacy statement. We encourage you to trave so there's a second and controlled by Corteva valid be handled in accordance with the Corteva Privacy Statement may be accessed here: www.corteva.celeformation.Adverse applications and was the second solution of services or products, or through website or mobile applications owned and controlled by 5.1 Grower hereby consents to the collection, use and disclosure of Grower's personal and purchase information by and between: (i) Corteva

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.

Discussion of statement supportents and america the Conteva Privacy Statement.
5.2 Grower understands and agrees that Corteva may be requested to conduct ummaned aerial system ("UAS") or drone flights, including related to providing aerial imaging (such as hyperspectral, multi-spectral, thermal and ground penetrating radar image data) or other services, the Grower. For any and all such flights, Grower agrees to the following: (i) Grower consents to Corteva conducting all such operations over Grower's property or other areas as designated by the Grower and grower represents that Grower has the authority to grant to Carteva such permission, (ii) any and all images or other data or information collected by Corteva shall be the sole and exclusive property of Corteva, and (i Corteva shall have no obligation to Grower with respect to such data and information, provided that at Corteva's sole discretion, Pioneer may elect to share all or aportion of the data or information with the Grower. es to and (iii)

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 Grover and accepted by Corteva, will remain in effect until terminated or superseded. Grover or Corteva may terminate this TUA and any time and for any reason by at least thirt (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 Grover's night to use any Corteva Sourced Technologies and Enlist therbicides upon at least thirt (30) days written notice of termination to the other sourced Technologies and Enlist therbicides upon at least thirt (30) days written notice to the Grover. All leases grants granted pursuant to this TUA hall automatically terminati upon the termination of this TUA, without the need for further notice or action. In the case of termination of grover, such notice of termination or the struct of the Grover'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 for any reason, (i) Grover shall return nuesd Seeds containing such Corteva Sourced Technology to Corteva at Grover's cut, and the Grover's full egal to therbicide. Noth write, which may require destruction; (ii) Grover shall return nuesd Seeds containing such Corteva Sourced Technology to Corteva at Grover's cut, and the foregoing, Grover's obligations and Corteva's rights that arose under this Agreement prior to termination will continue in effect. t to a such Corteva

CORTEVA SOURCED TECHNOLOGYFEES: 7

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 less. 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, front 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 container within tolerances, if any, established by law, when used in accordance with the applicable directions and in compliance with the Agreement.

9. DISCLAIMER OF WARRANTY:

WARRANTY RELATED TO ANY CORTEVA PESTICIDE PRODUCT IS LIMITED SOLELY 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. 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 AMOUNT OF THE PURCHASE PRICE OF THE APPLICABLE SEED, OR (III) 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. FOL Catrity, Cortows shall not indemnify Grower's (or any other person(s)) solt acting on behalf of Corteva) negligence, violation of the Agreement, violation of any law or any other Losses or any other outcomes resulting from 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 LICENSEES BE LIABLE FOR ANY INDIRECT, INCIDENTAL SPECIAL, PUNITVE, 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 RE INDEPENDENT OF THE REGULATORY STATUS OF ANY TECHNOLOGY CONTAINED IN, OR SEED FOR USE WITH, THE SEED, TULLING PESTICIDE PRODUCTS.

3 Because Corteva must have sufficient time to investigate any Claim regarding the performance or non-performance the Seed, no faim can be asserted against Corteva unless Grower gives notice to Corteva within fifteen (15) days after Grower first source of the Seed may be subject to a valid warranty Claim, is not as sorves on the indications that the performance of the Seed may be subject to a valid warranty Claim, is not as the server of the s

11 EN RY:

of this TUA and for one year following its termination, Grower hereby grants Corteva, the Representatives and their respectiv actor to bontractors, agents and designees (collectively, *Personnel"), the complete and unencumbered right, at all times, to

and/or pictures of the crop or Seed, farming activities, spray or other applications, and harvesting activities; and/or (i) observe and ta⊾ have (i) observe and relativistical and/or pictures of the crop or Seed, farming activities, spray or other applications, and harvesting activities; and/or (ii) enter upon a harve usoro be ingress to and egress from, through, over, under, across and across the property where Grower has planted or is storing or gives. See strategies and egress from, through, over, under, across and across the property where Grower has planted or is storing or gives. See strategies and egress from, through, over, under, across and across the property where Grower has planted or is storing or gives. See strategies and egress from, through, over, acamination, testing or sampling shall be performed by Personnel only after Corteva or the Represensive also we reasonably attempted to discuss the visits with Grower in advance of such visits. Grower agrees that such ingress and egress may be padde, means of roadways and driveways, to be used in common with others having right of passage thereon. If Grower is not the ownerst pray less we reach access is needed, Grower shall be solely responsible for obtaining consent from the applicable landowner for the visit. To unextent of versors the neightent acts or omissions arising out of or in connection with this Arclie 11, Corteva indemnification of Grower store than under the versor be neglicable Seed crop fields, commercial crop fields or personal property. 12. ADDITIONAL PROVISIONS

12.1 Grower agrees to communicate all applicate terms onder as and restrictions on Seed whether under this Agreement, a Guide, an Update Notification or otherwise to all persons and entities plessing, in taking an interest in Grower's Seed and Grain therefrom. Except as provided herein, notices to Grower or to Corteva shall be set to the uddresses specified in sections A, B or D above. Grower agrees that should any information provided to Corteva herein change, Grow – bill promptly notific Corteva via section D above.

o from Coste o use any C 12.2 Nothing in this Agreement shall be construed as a grant or lice Grower is required to enter a separate trademark license from Cortev associated with trait, seed, technology or products. teva to the Grower for the use of any Corteva t teva trademark(s) including, but not limited to, th

assigned to any other person, entity or third party without the prior 12.3 Grower's rights under this Agreement may not be transferred written consent of Corteva.

written consent of Corteva. 124 This Agreement (including documents and updates incorporated herein arsuant) Article 3 hereof) constitutes the entire agreement between Grower and Corteva regarding the use of Purchased Seed and Corteva Source 1 echoclogy. All prior agreements and understandings between Grower and Corteva with respect to Purchased Seed and Corteva Source 1 echoclogy. All prior agreements and understandings between Grower and Corteva with respect to Purchased Seed and Corteva Source 1 echoclogy. All prior agreements and understandings between Grower and Corteva with respect to Purchased Seed and Corteva Source 1 echoclogy of the supersoded. 12.5 If any provision in this Agreement is determined to be void or unenforceable, the reme ing provisions shall remain in full force and effect. 12.6 The failure of Corteva or any Third-Party Technology providers to exercise on one prove of s in its under this Agreement on one or more occasions shall not be deemed a waiver to exercise such right(s) on one or motivable in accord ons.

more occasions shall not be deemed a waiver to exercise such nght(s) on one or note occasions shall not be deemed a waiver to exercise such nght(s) on one or note occasions of the state o resolved on behalf of a class, as a private attorney-general, or in any other representative capaci payment as a result of any class, collective, or other representative action of any kind against

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.

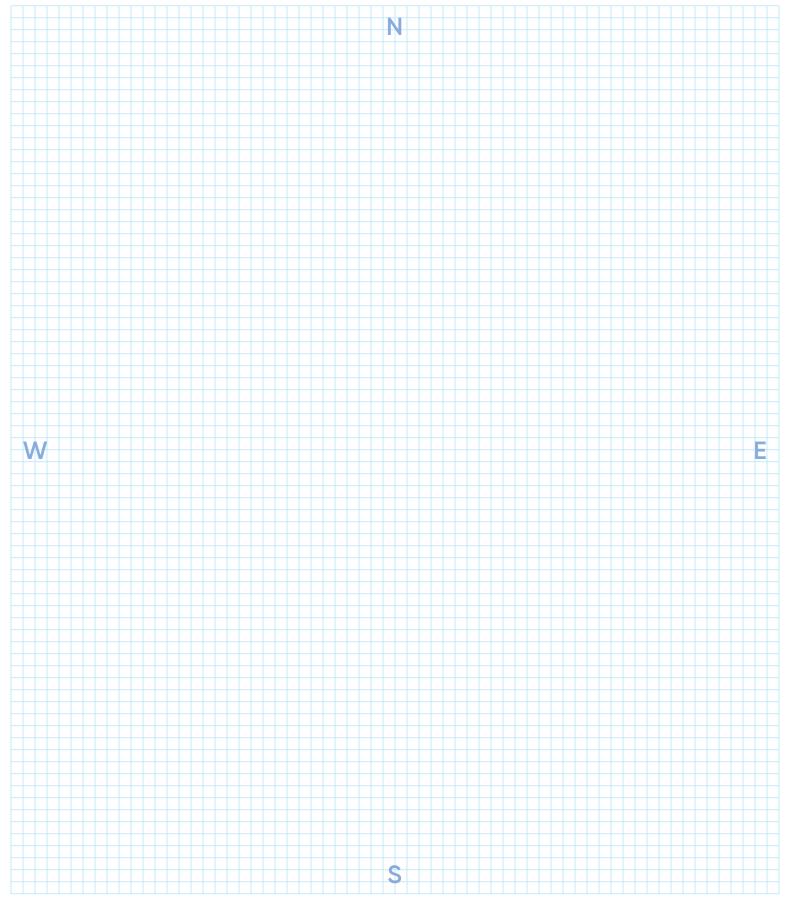
12.12 Any action against Corteva and its Seed Sellers for the breach of the terms of the Agreement, including any warranties arising from it, must be commenced within one year after the cause of action accrues or be barred after such time. Where applicable, all required prerequisites to maintaining a legal action must be complied with prior to initiating he 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.trait tewardship.corteva.ca or contact Corteva Agriscience at 1-800-667-3852

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Notes



ExpressSun®

Express® is a trademark of FMC Corporation or an affiliate.

Always follow grain marketing, stewardship practices and pesticide label directions in accordance with the Product Use Guide (PUG) or other product-specific stewardship requirements including grain marketing and pesticide label directions

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 <u>www.biotradestatus.com</u>.

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 sunflower hybrids 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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