



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

January 24, 2024

Stephanie Herring
Agent for Axill Solutions, LLC
c/o Wagner Regulatory Associates, Inc.
P.O. Box 640
7217 Lancaster Pike, Suite A
Hockessin, DE 19707

Subject: Label Amendment – *Add already approved use on Sweet Cherries; Add supplemental label for Sweet Cherries*
Product Name: Axill Solutions Pro Hex 27.5% WDG
EPA Registration Number: 93809-6
Application Date: 09/09/2022
Case Number: 00475427

Dear Ms. Herring:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims

substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Marc Sheahin at 202-566-2896 or at sheahin.marc@epa.gov.

A handwritten signature in black ink that reads "Marc Sheahin" with a long horizontal flourish extending to the right.

Marc Sheahin for
Heather McFarley, Product Manager 24
Fungicide-Herbicide Branch
Registration Division 7505P

Enclosure

[Master Label]

Axill Solutions Pro Hex 27.5% WDG

ABN: Axill Solutions Pro Hex Turf

ABN: Axill Solutions Prohexadine Calcium 27.5% WDG

Master label consisting of:

Sub-Label A (Pages 2 - 9): Turf Uses – Plant Growth Regulator for Use on Turf.

Sub-Label B (Pages 10 - 22): Agricultural Uses – Plant Growth Regulator for Use on Alfalfa Inter-Seeded in Corn, Apples, Grass Grown For Seed, Peanuts, Pears (d’Anjou), Strawberries, Sweet Cherries and Watercress.

| Active Ingredient: | % By Weight |
|--|---------------|
| Prohexadione-calcium**: calcium 3-oxido-5-oxo-4-propionylcyclohex-3-enecarboxylate | 27.5% |
| Other Ingredients: | 72.5% |
| Total: | 100.0% |

**Equivalent to 0.275 pound of active ingredient per pound of product.

KEEP OUT OF REACH OF CHILDREN CAUTION / PRECAUCIÓN

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

| FIRST AID | |
|---|--|
| IF SWALLOWED: | <ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless told to do so by a poison control center or doctor. DO NOT give anything by mouth to an unconscious person. |
| IF ON SKIN OR CLOTHING: | <ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. |
| IF IN EYES: | <ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. |
| HOTLINE NUMBERS | |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For 24-Hour Medical Emergency Assistance (Human or Animal), call: 1-800-222-1222 . For Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), call CHEMTREC: 1-800-424-9300 . | |

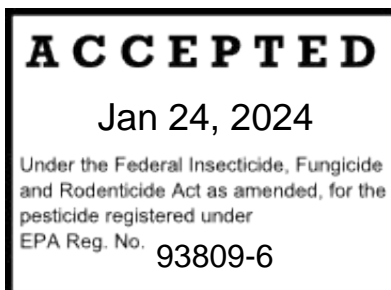
[Optional referral statements when booklets and container labels are used:

See label booklet for [complete] [additional] [First Aid,] [Precautionary Statements,] [Directions For Use,] and [Storage and Disposal].

EPA Reg. No.: 93809-6

Manufactured For:
 Axill Solutions, LLC
 422 Jasmine Way
 Roseburg, OR 97471

Net Contents: _____ [Lbs./Kg]



EPA Est. No.: _____

[Sub-Label A – Turf Uses – Pages: 2 - 9]

Axill Solutions Pro Hex 27.5% WDG

ABN: Axill Solutions Pro Hex Turf

Plant Growth Regulator for Use on Turf*.

*Not for use in California.

| Active Ingredient: | % By Weight |
|---------------------------|--|
| Prohexadione-calcium**: | calcium 3-oxido-5-oxo-4-propionylcyclohex-3-enecarboxylate 27.5% |
| Other Ingredients: | 72.5% |
| Total: | 100.0% |

**Equivalent to 0.275 pound of active ingredient per pound of product.

KEEP OUT OF REACH OF CHILDREN CAUTION / PRECAUCIÓN

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

| FIRST AID | |
|---|--|
| IF SWALLOWED: | <ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • DO NOT induce vomiting unless told to do so by a poison control center or doctor. • DO NOT give anything by mouth to an unconscious person. |
| IF ON SKIN OR CLOTHING: | <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice. |
| IF IN EYES: | <ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice. |
| HOTLINE NUMBERS | |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For 24-Hour Medical Emergency Assistance (Human or Animal), call: 1-800-222-1222 . For Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), call CHEMTREC: 1-800-424-9300 . | |

[Optional referral statements when booklets and container labels are used:

See label booklet for [complete] [additional] [First Aid,] [Precautionary Statements,] [Directions For Use,] and [Storage and Disposal].

EPA Reg. No.: 93809-6

EPA Est. No.: _____

Manufactured For:Axill Solutions, LLC
422 Jasmine Way
Roseburg, OR 97471

Net Contents: _____ [Lbs./Kg]

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

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

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material, polyethylene or polyvinyl chloride
- Shoes plus socks

User Safety Requirements

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENT

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

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change clothing.

ENVIRONMENTAL HAZARDS

DO NOT apply directly to water, to areas where surface water is present or to intertidal areas below the mean high-water mark. **DO NOT** contaminate water when disposing of equipment wash water or rinsate.

ENDANGERED SPECIES CONCERNS: The use of any pesticide in a manner that may kill or otherwise harm an endangered species or adversely modify their habitat is a violation of Federal Law.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours unless wearing appropriate PPE.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, including plants, soil, or water, is:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material, polyethylene or polyvinyl chloride

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forest, nurseries, or greenhouses.

Keep all unprotected persons out of treated areas until sprays have dried.

PRODUCT INFORMATION**TURF (All Approved States Except California)**

Axill Solutions Pro Hex 27.5% WDG is a plant growth regulatory that can be used as a production management tool on turf to reduce vegetative growth. The active ingredient in **Axill Solutions Pro Hex 27.5% WDG**, prohexadione-ca, reduces the growth of turf by inhibiting the biosynthesis of gibberellin, a natural plant hormone that regulates cell elongation. The inhibition of gibberellin slows the growth of turf which will result in reduced frequency of mowing and amounts of grass clippings in treated areas. Following an application of **Axill Solutions Pro Hex 27.5% WDG** to turf, a reduction in growth and grass clippings will typically be observed by 3 days.

Axill Solutions Pro Hex 27.5% WDG can be applied to turf that is green and actively growing. Under conditions of stress, applications need to be delayed. Apply lower rates if the turf is entering stressful growing conditions like pest pressure, high temperatures, low moisture conditions or certain cultural practices including, but not limited to, aerification or verticutting. Under certain environmental conditions, including those that may occur early in the season, transient bronzing may be observed. For information on application scheduling, rates, and timings on turf for **Axill Solutions Pro Hex 27.5% WDG**, see **Table 1 - Application Rates and Timings for Using a Set/Calendar Spray Schedule** and **Table 2 - Application Rates and Timings Using Growing Degree Days (GDD) to Determine Spray Timings** located below.

For consistent performance on turf, add 1 pound of a spray grade ammonium sulfate (AMS) for every pound of **Axill Solutions Pro Hex 27.5% WDG** applied. Use a standard spray adjuvant, preferably a non-ionic surfactant, to improve leaf coverage and performance consistency. Follow the manufacturer's rate directions.

Precautions on Turf:

- **Axill Solutions Pro Hex 27.5% WDG** is rainfast 1 hour after application.
- If calcium or boron are tank mixed with **Axill Solutions Pro Hex 27.5% WDG**, the resulting growth control may be less than favorable.

RESTRICTIONS:

- **DO NOT** apply more than 1132.6 oz. (19.47 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per acre per year.
- **DO NOT** apply more than 43.6 oz. (0.75 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per acre in a single application.
- **DO NOT** apply more than 26 oz. (0.45 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per 1,000 sq. ft. per year.
- **DO NOT** apply more than 1 oz. (0.02 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per 1,000 sq. ft. in a single application.
- **DO NOT** retreat in less than 1 week.
- **DO NOT** make more than 52 applications per year when applied at lower rate.
- **DO NOT** apply **Axill Solutions Pro Hex 27.5% WDG** to turf that has been sodded or sprigged until it has knitted down and rooted firmly.
- **DO NOT** apply to turf growing in conditions that are not ideal for good growth. Also, **DO NOT** apply to turf that shows injury (leaf phytotoxicity) produced by any other prior pesticide applications as this type of injury can be enhanced or prolonged. Refer to **APPLICATION INFORMATION** section for additional tank mixing instructions and precautions.
- **DO NOT** graze treated areas or feed clippings previously treated with **Axill Solutions Pro Hex 27.5% WDG** to livestock.
- **DO NOT** apply **Axill Solutions Pro Hex 27.5% WDG** to turf using any type of irrigation/chemigation system.

MANDATORY SPRAY DRIFT MANAGEMENT**Aerial Applications:**

- **DO NOT** release spray at a height greater than 10 feet above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- Applicators are required to use a coarse or coarser droplet size (ASABE S572.1).
- The boom length must not exceed 65% of the wingspan for airplanes or 75% of the rotor blade diameter for helicopters.
- Applicators must use ½ swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented so the spray is directed toward the back of the aircraft.
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

Ground Applications:

- Apply with the nozzle height specified by the manufacturer, but no more than 3 feet above the ground or crop canopy.
- For all applications, applicators are required to use a medium or coarser spray droplet size (ASABE S572.1).
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

Ground Boom Applications:

- Apply with the nozzle height recommended by the manufacturer, but no more than 3 feet above the ground or crop canopy.
- Applicators are required to use a coarse or coarser droplet size (ASABE S572.1).
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

Importance of Droplet Size

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size - Ground Boom

- **Volume** - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- **Pressure** - Use the lowest spray pressure specified for the nozzle to produce the target spray volume and droplet size.
- **Spray Nozzle** - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

Controlling Droplet Size - Aircraft

- **Adjust Nozzles** - Follow nozzle manufacturers directions for setting up nozzles. To reduce fine droplets, nozzles must be oriented parallel with the airflow in flight.

Boom Height - Ground Boom

Use the lowest boom height that is compatible with the spray nozzles that will provide uniform coverage. For ground equipment, the boom must remain level with the turf and have minimal bounce.

Release Height - Aircraft

Higher release heights increase the potential for spray drift. When applying aurally to target area, do not release spray at a height greater than 10 ft. above the target area, unless a greater application height is necessary for pilot safety.

Shielded Sprayers

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

Temperature and Humidity

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

Temperature Inversions

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

Wind

Drift potential increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

Boom-less Ground Applications

Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

Handheld Technology Applications

Take precautions to minimize spray drift.

APPLICATION INFORMATION

Ground Application

Apply **Axill Solutions Pro Hex 27.5% WDG** to actively growing turf using calibrated application equipment. **Axill Solutions Pro Hex 27.5% WDG** is taken up through the leaves of the plants. So, good spray coverage of the plant foliage is essential to get good uptake and consistent growth suppression. To achieve good coverage, apply **Axill Solutions Pro Hex 27.5% WDG** in a sufficient spray volume utilizing proper spray pressure, nozzles, nozzle spacing and applicator speed. Apply **Axill Solutions Pro Hex 27.5% WDG** in a spray volume of 1 - 2 gallons water per 1,000 sq. ft. but it can be applied in a spray volume of 0.5 - 5 gallons water per 1,000 sq. ft. Avoid applying **Axill Solutions Pro Hex 27.5% WDG** during warm, low humidity, or windy conditions. The absorption of the spray mix is improved with longer drying times.

Maintain constant agitation during mixing of the spray solution and application. **DO NOT** allow the spray tank to sit for prolonged periods without any agitation. **DO NOT** allow the spray mix to sit in the tank overnight.

Mowing and Irrigation

Mowing and irrigation events can affect the efficacy of the **Axill Solutions Pro Hex 27.5% WDG** applications. **DO NOT** make an application of **Axill Solutions Pro Hex 27.5% WDG** for at least 1 hour after mowing. **DO NOT** mow the treated turf for at least 1 day and **do not** apply irrigation for 4 hours following an application of **Axill Solutions Pro Hex 27.5% WDG**.

Turf Maintenance

Following applications of **Axill Solutions Pro Hex 27.5% WDG**, maintain the areas of turf that were treated as normal with proper levels of irrigation and fertility. Implement a good pest control plan as necessary to maintain the turf in a healthy condition. If tank

mixing with other product(s) precaution is advised. The user needs to test tank mixes that are unfamiliar on a small area before the treatment is applied to larger areas. Test tank mixes for compatibility before mixing a larger quantity for an application. User assumes all risk for tank mixes as it is not possible for manufacturer to test all possible tank mix combinations for compatibility, safety, and effect on efficacy of the products. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions, precautions, and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

Application Timing Methods

Axill Solutions Pro Hex 27.5% WDG may be applied to control vegetative growth in turf by 2 different application timing methods in turf. **Axill Solutions Pro Hex 27.5% WDG** may be applied to the turf on a set/calendar spray schedule at regular intervals or it may be applied by assessing potential for turf growth using Growing Degree Days (GDD) to time the applications to control turf growth. These methods allow the person(s) managing the turf to select the best and most efficient use method of **Axill Solutions Pro Hex 27.5% WDG** for their particular facility.

Axill Solutions Pro Hex 27.5% WDG may be applied on a regular set/calendar schedule to maintain an even turf regulation or height control. Make the first application when turf is green and actively growing. Instructions for making repeat applications are provided in **Table 1** by turf type, species, and growing area (Fairways, Roughs, Greens, and/or Tees).

When applying **Axill Solutions Pro Hex 27.5% WDG** using the Growing Degree Day (GDD) model, use the environmental data from the location or immediate area. Make the first application of **Axill Solutions Pro Hex 27.5% WDG** once the turf is green and actively growing. Research has shown that 280 - 350 GDD needs to be used for re-application timings for common golf situations to assure even turf regulation and to avoid rebound growth. **Table 2** details the application rates and timings when using GDD to determine application timings.

With either application scheduling method, delay applications to the turf when the turf is under conditions of stress. Apply lower rates if the turf is entering stressful growing conditions including pest pressure, high temperatures, low moisture conditions or certain cultural practices including, but not limited to, aeration or verticutting. Under certain environmental conditions, including those that may occur early in the season, transient bronzing may be observed.

Table 1 - Application Rates and Timings for Using a Set/Calendar Spray Schedule

| Axill Solutions Pro Hex 27.5% WDG Applications to Slow Vertical Growth, Reduce Mowing, Improve Color, and Quality | | | | |
|---|---|--|---|--|
| Warm Season Turf* | Fairway and Rough Areas (Application Intervals: 2 - 4 Weeks) | | Green and Tee Areas (Application Intervals: 1 - 2 Weeks) | |
| | Oz./Acre | Oz./1,000 Sq. Ft. | Oz./Acre | Oz./1,000 Sq. Ft. |
| Hybrid Bermudagrass (including Champion, MiniVerde, Riviera, TifEagle, TifGreen, TifSport, Tifway, and 419) | 29.1 - 43.6 (0.5 - 0.75 lb. a.i.) | 0.67 - 1 (0.013 - 0.019 lb. a.i.) | 7.25 - 14.5 (0.13 - 0.25 lb. a.i.) | 0.17 - 0.34 (0.003 - 0.006 lb. a.i.) |
| Zoysiagrass Cultivars (including Empire, Zenith, Emerald, El Toro, and Meyer) St. Augustine spp. Paspalum spp. Kikuyugrass spp. | 29.1 - 43.6 (0.5 - 0.75 lb. a.i.) | 0.67 - 1 (0.013 - 0.019 lb. a.i.) | - | - |
| Cool Season Turf | Fairway and Rough Areas (Application Intervals: 2 - 4 Weeks) | | Green and Tee Areas (Application Intervals: 1 - 2 Weeks) | |
| | Oz./Acre | Oz./1,000 Sq. Ft. | Oz./Acre | Oz./1,000 Sq. Ft. |
| Bentgrass cultivars (including L-93, Penn A4, Penn G2, Pennlinks, Penneagle, Southshore, Declaration, Independence, and SR series) | 7.25 - 14.5 (0.13 - 0.25 lb. a.i.) | 0.17 - 0.34 (0.003 - 0.006 lb. a.i.) | 1.8 - 7.25 (0.03 - 0.13 lb. a.i.) | 0.04 - 0.17 (0.0006 - 0.003 lb. a.i.) |
| Annual and Perennial <i>Poa annua</i> cultivars | 5.43 - 10.87 (0.09 - 0.19 lb. a.i.) | 0.125 - 0.25 (0.002 - 0.004 lb. a.i.) | 1.8 - 7.25 (0.03 - 0.13 lb. a.i.) | - |
| Kentucky Bluegrass cultivars (including Midnight and Odyssey) | 14.5 - 21.8 (0.25 - 0.38 lb. a.i.) | 0.34 - 0.5 (0.006 - 0.009 lb. a.i.) | - | - |
| Perennial Ryegrass cultivars (including Manhattan IV) Tall Fescues Fine Fescues | 21.8 - 29.1 (0.38 - 0.5 lb. a.i.) | 0.5 - 0.67 (0.009 - 0.01 lb. a.i.) | - | - |

*Lower rates may be applied for color and quality enhancement. When using shorter application intervals, evaluate performance using the lower directed rates.

Table 2 - Application Rates and Timings Using Growing Degree Days (GDD) to Determine Spray Timings

| Axill Solutions Pro Hex 27.5% WDG Applications to Slow Vertical Growth, Reduce Mowing, Improve Color, and Quality | | | | |
|---|---|-------------------|---|-------------------|
| Warm Season Turf* | Fairway and Rough Areas (280 - 350 GDD Interval) | | Green and Tee Areas (280 - 300 GDD Interval) | |
| | Oz./Acre | Oz./1,000 Sq. Ft. | Oz./Acre | Oz./1,000 Sq. Ft. |
| Hybrid Bermudagrass cultivars | 12 - 24 | 0.28 - 0.55 | 8 - 16 | 0.18 - 0.37 |

| | | | | |
|---|---|---|---|--|
| (including Champion, MiniVerde, Riviera, TifEagle, TifGreen, TifSport, Tifway, and 419) | (0.21 - 0.41 lb. a.i.) | (0.005 - 0.009 lb. a.i.) | (0.14 - 0.28 lb. a.i.) | (0.003 - 0.006 lb. a.i.) |
| Zoysiagrass cultivars (including Empire, Zenith, Emerald, El Toro, and Meyer) St. Augustine spp. Paspalum spp. Kikuyugrass spp. | 12 - 24 (0.21 - 0.41 lb. a.i.) | 0.28 - 0.55 (0.005 - 0.009 lb. a.i.) | - | - |
| Cool Season Turf | Fairway and Rough Areas (280 - 350 GDD Interval) | | Green and Tee Areas (280 - 300 GDD Interval) | |
| | Oz./Acre | Oz./1,000 Sq. Ft. | Oz./Acre | Oz./1,000 Sq. Ft. |
| Bentgrass cultivars (including L-93, Penn A4, Penn G2, Pennlinks, Penneagle, Southshore, Declaration, Independence, and SR series) | 6 - 12 (0.11 - 0.21 lb. a.i.) | 0.14 - 0.28 (0.003 - 0.005 lb. a.i.) | 2 - 8 (0.03 - 0.14 lb. a.i.) | 0.05 - 0.18 (0.0006 - 0.003 lb. a.i.) |
| Annual and Perennial Poa annua cultivars | 4 - 8 (0.07 - 0.14 lb. a.i.) | 0.09 - 0.18 (0.001 - 0.003 lb. a.i.) | 2 - 8 (0.03 - 0.14 lb. a.i.) | - |
| Kentucky Bluegrass cultivars (including Midnight and Odyssey) | 8 - 16 (0.14 - 0.28 lb. a.i.) | 0.18 - 0.37 (0.003 - 0.006 lb. a.i.) | - | - |
| Perennial Ryegrass cultivars (including Manhattan IV) Tall Fescues Fine Fescues | 8 - 16 (0.14 - 0.28 lb. a.i.) | 0.18 - 0.37 (0.003 - 0.006 lb. a.i.) | - | - |
| *Lower rates may be applied for color and quality enhancement. When using shorter application intervals, evaluate performance using the lower directed rates. | | | | |

Table 3 - Applications for Overseeding Enhancement in Bermudagrass

| Turf Type | Oz./Acre | Application Interval |
|---|---------------------------------|---|
| Hybrid Bermudagrass cultivars (including Champion, MiniVerde, Riviera, TifEagle, TifGreen, TifSport, Yukon, Tifway, and 419) | 1 - 2 (0.02 - 0.03 lb. a.i.) | Apply 1 application of Axill Solutions Pro Hex 27.5% WDG 3 - 5 days prior to seeding. Any preparation of the site including verticutting, spiking or scalping needs to be done 1 - 2 days after the application. |
| Application Instructions: Axill Solutions Pro Hex 27.5% WDG is a foliar-active product. Therefore, germination and seedling growth of the over-seeding are not affected when used as directed. Use good cultural practices, including fertilization and irrigation, in conjunction with Axill Solutions Pro Hex 27.5% WDG to optimize results. Some temporary yellowing of the bermudagrass turf may be observed, however, this will not affect the over-seeding. | | |

Table 4 - Applications for Reduction of Poa annua in Bermudagrass Overseeding

| Turf Type | Oz./Acre | Application Interval |
|---|--------------------------------------|--|
| Hybrid Bermudagrass cultivars (including Riviera, TifSport, and Tifway 419) | 0.9 - 1.75 (0.02 - 0.03 lb. a.i.) | Reapply Axill Solutions Pro Hex 27.5% WDG at 3- to 4-week intervals during periods of active <i>Poa annua</i> growth. |

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in original container only. After partial use, close the container tightly. Store in a secure place that is cool and dry. Use spray and stock solutions within 24 hours. Immediate use is required if another component is added to the spray solution.

PESTICIDE DISPOSAL: Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING:

[[Non-Refillable Plastic Containers (Capacity Equal to or Less Than 50 Pounds):] Non-refillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration, or by other procedures approved by State and local authorities. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.]

[[Non-Refillable Plastic Containers (Capacity Greater Than 50 Pounds):] Non-refillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times.

Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration, or by other procedures approved by State and local authorities.]

[[Non-Refillable Plastic Containers, e.g., Intermediate Bulk Containers (IBC) (Size or Shape Too Large to be Tipped, Rolled or Turned Upside Down):] Non-refillable container. **DO NOT** reuse or refill this container. Clean container promptly after emptying the contents from this container into application equipment or mix tank and before final disposal using the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration, or by other procedures approved by State and local authorities.]

[[Non-Refillable Plastic Bags, Fiber Sacks including Flexible Intermediate Bulk Containers (FIBC) or Fiber Drums with Liners:] Non-refillable container. **DO NOT** reuse or refill this container. Completely empty plastic bag, fiber sack or drum liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Offer for recycling, if available, or dispose empty plastic bag, fiber sack or fiber drum and liner in a sanitary landfill or by incineration, or by other procedures approved by State and local authorities.]

[[Refillable Fiber Drums with Liners:] Refillable container (fiber drum only). Refilling Fiber Drum: Refill this fiber drum with this pesticide only. **DO NOT** reuse this fiber drum for any other purpose. Cleaning before refilling is the responsibility of the refiller. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Disposing of Fiber Drum and/or Liner: Do not reuse this fiber drum for any other purpose other than refilling (see preceding). Cleaning the container (liner and/or fiber drum) before final disposal is the responsibility of the person disposing of the container. Offer the liner for recycling if available or dispose of liner in a sanitary landfill, or by incineration. **DO NOT** burn, unless allowed by State and local ordinances. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner. To clean the fiber drum before final disposal, completely empty the fiber drum by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Then offer the fiber drum for recycling if available or dispose of in a sanitary landfill or by incineration, or by other procedures approved by State and local authorities.]

[[All Other Refillable Containers:] Refillable container. Refilling Container: Refill this container with this pesticide only. **DO NOT** reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. Prior to refilling, inspect carefully for damage including cracks, punctures, abrasions, worn out threads and closure devices. Check for leaks after refilling and before transporting. Disposing of Container: **DO NOT** reuse this container for any other purpose other than refilling (see preceding). Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, use the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration, or by other procedures approved by State and local authorities.]

CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Axill Solutions, LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Axill Solutions, LLC and Seller harmless for any claims relating to such factors.

Axill Solutions, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Axill Solutions, LLC, and Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, AXILL SOLUTIONS, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

To the extent consistent with applicable law, neither Axill Solutions, LLC nor Seller shall be liable for any incidental, consequential, or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF AXILL SOLUTIONS, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF AXILL SOLUTIONS, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Axill Solutions, LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Axill Solutions, LLC.

[All trademarks are the property of their respective owners.]

[EPA Approval Date]

[Sub-Label B – Agricultural Uses – Pages: 10-22]

Axill Solutions Pro Hex 27.5% WDG

ABN: Axill Solutions Prohexadione Calcium 27.5% WDG

Plant Growth Regulator for Use on Alfalfa Inter-Seeded in Corn, Apples, Grass Grown For Seed*, Peanuts*, Pears (d’Anjou), Strawberries*, Sweet Cherries, and Watercress*

*Not for use in California.

| | |
|--|--------------------|
| Active Ingredient: | % By Weight |
| Prohexadione-calcium**: calcium 3-oxido-5-oxo-4-propionylcyclohex-3-enecarboxylate | 27.5% |
| Other Ingredients: | <u>72.5%</u> |
| Total: | 100.0% |

**Equivalent to 0.275 pound of active ingredient per pound of product.

KEEP OUT OF REACH OF CHILDREN CAUTION / PRECAUCIÓN

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

| FIRST AID | |
|--------------------------------|--|
| IF SWALLOWED: | <ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • DO NOT induce vomiting unless told to do so by a poison control center or doctor. • DO NOT give anything by mouth to an unconscious person. |
| IF ON SKIN OR CLOTHING: | <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice. |
| IF IN EYES: | <ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice. |

HOTLINE NUMBERS

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For 24-Hour Medical Emergency Assistance (Human or Animal), call: **1-800-222-1222**. For Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), call CHEMTREC: **1-800-424-9300**.

[Optional referral statements when booklets and container labels are used:

See label booklet for [complete] [additional] [First Aid,] [Precautionary Statements,] [Directions For Use,] and [Storage and Disposal].

EPA Reg. No.: 93809-6

EPA Est. No.: _____

Manufactured For:

Axill Solutions, LLC
 422 Jasmine Way
 Roseburg, OR 97471

Net Contents: _____ [Lbs./Kg]

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

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

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material, polyethylene or polyvinyl chloride
- Shoes plus socks

User Safety Requirements

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

ENGINEERING CONTROLS STATEMENT

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

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change clothing.

ENVIRONMENTAL HAZARDS

DO NOT apply directly to water, to areas where surface water is present or to intertidal areas below the mean high-water mark. **DO NOT** contaminate water when disposing of equipment wash water or rinsate.

ENDANGERED SPECIES CONCERNS: The use of any pesticide in a manner that may kill or otherwise harm an endangered species or adversely modify their habitat is a violation of Federal Law.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours unless wearing appropriate PPE.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, including plants, soil, or water, is:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material, polyethylene or polyvinyl chloride

PRODUCT INFORMATION

Axill Solutions Pro Hex 27.5% WDG is a plant growth regulator which inhibits the biosynthesis of gibberellins. Inhibition of gibberellin reduces vegetative growth.

- Thorough spray coverage of plant foliage is necessary for good uptake.
- The performance of **Axill Solutions Pro Hex 27.5% WDG** can be affected by many factors including: crop growth stage, environmental conditions, and crop vigor due to moisture availability, fertility level, etc.
- Correct timing of application is critical. Apply **Axill Solutions Pro Hex 27.5% WDG** to actively growing trees at rates and stages of growth listed in this label.
- Add 1 pound of a spray grade ammonium sulfate (AMS) for every pound of **Axill Solutions Pro Hex 27.5% WDG**.

- Use a standard spray adjuvant, preferably a non-ionic surfactant, to improve leaf coverage and performance consistency. Follow the manufacturer's rate directions.
- Rainfall within 1 hour of application on grass grown for seed and within 8 hours for apples, peanuts, strawberries, and sweet cherries may reduce the efficacy of **Axill Solutions Pro Hex 27.5% WDG**.
- Clean spray equipment thoroughly using a strong detergent or commercial sprayer cleaner according to the manufacturer's directions before and after applying **Axill Solutions Pro Hex 27.5% WDG**.

RESTRICTIONS:

- **DO NOT** apply to crops under stress due to lack of moisture, hail damage, flooding, mechanical injury, or injury caused by other prior products, i.e., phytotoxicity.
- **DO NOT** apply this product through any type of irrigation system.
- This product cannot be used to formulate or reformulate any other pesticide product.

MANDATORY SPRAY DRIFT MANAGEMENT**Aerial Applications:**

- **DO NOT** release spray at a height greater than 10 feet above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- For all applications, applicators are required to use a coarse or coarser droplet size (ASABE S572.1).
- The boom length must not exceed 65% of the wingspan for airplanes or 75% of the rotor blade diameter for helicopters.
- Applicators must use ½ swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented so the spray is directed toward the back of the aircraft.
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

Ground Applications:

- Apply with the nozzle height specified by the manufacturer, but no more than 3 feet above the ground or crop canopy.
- For all applications, applicators are required to use a medium or coarser spray droplet size (ASABE S572.1).
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

Ground Boom Applications:

- Apply with the nozzle height specified by the manufacturer, but no more than 3 feet above the ground or crop canopy.
- For all applications, applicators are required to use a coarse or coarser droplet size (ASABE S572.1).
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

Importance of Droplet Size

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size - Ground Boom

- **Volume** - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- **Pressure** - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- **Spray Nozzle** - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

Controlling Droplet Size - Aircraft

- **Adjust Nozzles** - Follow nozzle manufacturers directions for setting up nozzles. To reduce fine droplets, nozzles must be oriented parallel with the airflow in flight.

Boom Height - Ground Boom

Use the lowest boom height that is compatible with the spray nozzles that will provide uniform coverage. For ground equipment, the boom must remain level with the crop and have minimal bounce.

Release Height - Aircraft

Higher release heights increase the potential for spray drift. When applying aurally to crops, do not release spray at a height greater than 10 ft. above the crop canopy, unless a greater application height is necessary for pilot safety.

Shielded Sprayers

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

Orchard Airblast Applications

Sprays should be directed into the canopy. User should turn off outward pointing nozzles at row ends and when spraying outer row.

Temperature and Humidity

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

Temperature Inversions

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

Wind

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

Boom-less Ground Applications

Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

Handheld Technology Applications

Take precautions to minimize spray drift.

TANK MIXING INFORMATION

Testing has shown that **Axill Solutions Pro Hex 27.5% WDG** when used in combination with AMS and a wide range of adjuvants does not result in phytotoxicity. **Axill Solutions Pro Hex 27.5% WDG** has shown to be compatible with many commonly used fungicides and insecticides. However, not all crop varieties and cultivars have been tested with possible tank-mix combinations. Since local conditions can influence crop sensitivity, test any tank-mix combination on a small portion of the crop to be treated to ensure crop safety. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and precautions and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

Mixing Order:

1. Fill spray tank half full with clean water and begin agitation.
2. Place any product contained in a water-soluble PVA bag into the tank and make sure the bag(s) have fully dissolved before continuing.
3. Add Ammonium Sulfate (AMS).
4. Add **Axill Solutions Pro Hex 27.5% WDG**.
5. Add any water dispersible formulations, i.e., Water Dispersible Granules, Wettable Powders, Suspension Concentrates, etc.
6. Add adjuvants.
7. Add any water-soluble products, i.e., Soluble Powders, Soluble Liquids, Emulsifiable Concentrates, etc.
8. Add remaining quantity of water and continue agitation through application.

Maintain constant agitation during application.

Note: If calcium or boron are tank mixed with **Axill Solutions Pro Hex 27.5% WDG**, the resulting growth control may be less than favorable.

APPLICATION INFORMATION

ALFALFA INTER-SEEDED IN CORN (For Use in Pennsylvania and Wisconsin Only)

Axill Solutions Pro Hex 27.5% WDG can be used as a production management tool on alfalfa to suppress vegetative growth in the year of planting in a production program where the alfalfa is seeded between rows of corn. Applying **Axill Solutions Pro Hex 27.5% WDG** will suppress the growth of the alfalfa in the first growing season and reduce competitive vertical growth with the corn. The resulting shorter alfalfa plants will be healthier at the end of the planting season resulting in improved winter survival rate and a healthier plant coming out of winter dormant stage. Use **Axill Solutions Pro Hex 27.5% WDG** as part of the alfalfa production plan which includes an insecticide/fungicide program for alfalfa being inter-seeded in corn to prevent reduction in plant health and vigor resulting from disease and insect infestations.

This use is intended for alfalfa being established under corn grown for silage. After alfalfa seedlings reach a height of 5 - 15 inches, apply a rate of 12 - 24 oz. (0.21 - 0.41 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per acre; the appropriate rate will depend on corn population, the alfalfa variety sown, and growing conditions. A rate of 12 - 16 oz. (0.21 - 0.28 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** may be used if corn populations are at or below 26,000 plants per acre. At higher corn populations, use 16 - 24 oz. (0.28 - 0.41 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** on alfalfa varieties that are well-adapted for inter-seeding. **Axill Solutions Pro Hex 27.5% WDG** application will limit stem growth of alfalfa seedlings and a short-term height reduction of corn may be observed.

For consistent performance on alfalfa, add 1 lb. of spray grade ammonium sulfate (AMS) for every pound of **Axill Solutions Pro Hex 27.5% WDG**. Ensure the pH of the spray tank solution is below 5.0. If pH is above 5.0, add an acidifier (e.g., citric acid) to the tank mix to reduce the pH of the spray mix to below 5.0. Based on research trial work, apply with a COC (Crop Oil Concentrate) type adjuvant at a rate of 1.25% v/v, to improve leaf coverage and performance consistency. Follow the manufacturer's rate directions.

Restrictions - Alfalfa Inter-Seeded in Corn:

- **DO NOT** apply more than 29 oz. (0.5 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per acre per year.
- **DO NOT** apply more than 24 oz. (0.41 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** in any single application.
- **DO NOT** make more than 2 applications of **Axill Solutions Pro Hex 27.5% WDG** in alfalfa inter-seeded into corn per year when applied at the lowest rate specified.
- **DO NOT** use if crop (corn or alfalfa) is under drought stress.
- **Axill Solutions Pro Hex 27.5% WDG** applications **MUST** be made using drop nozzles or other equipment that can direct the spray to alfalfa foliage and limit contact with corn plants.
- **DO NOT** harvest corn silage for a minimum of 50 days following the last application of **Axill Solutions Pro Hex 27.5% WDG**.
- **DO NOT** harvest corn grain for a minimum of 65 days following the last application of **Axill Solutions Pro Hex 27.5% WDG**.
- **DO NOT** make applications to the corn/alfalfa after mid-July.
- **DO NOT** graze livestock on alfalfa or harvest alfalfa forage or hay for at least 10 months after the last application of **Axill Solutions Pro Hex 27.5% WDG**.
- **Restricted-Entry Interval (REI):** 12 hours
- **Minimum Retreatment Interval (MRI):** 7 days
- **ONLY** for use in Pennsylvania and Wisconsin.

APPLES

Axill Solutions Pro Hex 27.5% WDG can be used as a production management tool on apples to suppress vegetative growth, i.e., shoot growth reduction, resulting in a balance between canopy development and fruit production. Growth suppression with **Axill Solutions Pro Hex 27.5% WDG** generally lasts for 2 - 5 weeks per application. **Axill Solutions Pro Hex 27.5% WDG** does not affect vegetative growth the year following application.

Benefits resulting from the use of **Axill Solutions Pro Hex 27.5% WDG** include:

- Reduction in vegetative shoot growth.
- Lessens the need or frequency for summer and/or dormant pruning.
- Improved fruit color in red or bi-color apple varieties due to better light penetration into the tree canopy.
- Reduced incidence and severity of fire blight of shoots.

During years when both **Axill Solutions Pro Hex 27.5% WDG** and products containing gibberellins, e.g., Novagib® 10L (EPA Reg. No. 62097-7) are used, reductions in efficacy may occur in the **Axill Solutions Pro Hex 27.5% WDG** and/or gibberellin treatments.

The use of **Axill Solutions Pro Hex 27.5% WDG** may result in an increase in fruit retention. Therefore, thinning programs may need to be adjusted when using **Axill Solutions Pro Hex 27.5% WDG**.

When used as directed, **Axill Solutions Pro Hex 27.5% WDG** will reduce the incidence and severity of fire blight infection of shoots and leaves, i.e., shoot blight, by reducing vegetative growth, thus decreasing host susceptibility. This decrease in susceptibility will not become effective until approximately 10 days after application. **Axill Solutions Pro Hex 27.5% WDG** does not have direct antibiotic activity against the fire blight bacteria (*Erwinia amylovora*) and is not effective for the suppression of blossom blight. For maximum reduction in fire blight susceptibility, apply **Axill Solutions Pro Hex 27.5% WDG** at least 10 days before the occurrence of weather conditions favorable for shoot and leaf infections, and used as 1 component of a comprehensive control strategy against fire blight.

Application Timings

Early Timings for Reducing Shoot/Fire Blight: Early applications of **Axill Solutions Pro Hex 27.5% WDG** can be made to help reduce shoot/fire blight infestations. Research has shown that these early applications of prohexadione calcium can help reduce the incidence and severity of fire blight in shoots. **Axill Solutions Pro Hex 27.5% WDG** does not act directly on the fire blight and needs to be used as part of an overall program for controlling fire blight in orchards. For best results, make the first application at Pink stage with subsequent applications made at 1- to 4-week intervals. These early applications can also reduce shoot growth in the early part of the growing season.

The amount of shoot growth reduction observed following these early applications may vary due to variety, root stock, age of trees, growing conditions and production programs used in each orchard. The rate, number of applications and application interval may vary by orchard due to the amount of fire/shoot blight pressure in the orchard and the vigor of the trees present. The applications made at this early stage would be considered part of the overall vegetative growth suppression/control program for the trees in the orchard for that production year.

Vegetative Growth Control

For vegetative growth control, make the first application of **Axill Solutions Pro Hex 27.5% WDG** when shoots have 1" - 3" of new growth. For best results, make subsequent applications at 1- to 4-week intervals, before or immediately following signs of shoot regrowth.

Number of Applications

The number of applications will vary depending on the timing of the first application, tree vigor, fruit load, pruning, variety, rootstock, and/or the management history of the orchard. For apple orchards in locations with a long growing season or on high vigor trees and/or trees with light fruit load, 3 - 5 applications per year may be required.

Tree Vigor

Adjust the **Axill Solutions Pro Hex 27.5% WDG** rate according to the vegetative vigor of the trees (see **Table 1**). Vegetative vigor can be influenced by many factors, including variety, rootstock, fruit load, cultural management, and location.

Tree Size

Calculate the rate per acre of **Axill Solutions Pro Hex 27.5% WDG** based on tree size. Base the application rate on the volume of water needed to spray the trees to drip i.e., dilute spray or Tree Row Volume (TRV). Consult your local extension agent or consultant for advice on spray volume.

Application Rates

Specified rates will be based on desired treatment effect, i.e., vegetative growth control, shoot blight suppression, etc. For vegetative growth control, base **Axill Solutions Pro Hex 27.5% WDG** rates on level of tree vigor and/or length of growing season. Refer to **Table 1** for directed rates per application.

For consistent performance on apples, add 1 lb. of a spray grade ammonium sulfate (AMS) for every pound of **Axill Solutions Pro Hex 27.5% WDG**. Use a standard spray adjuvant, preferably a non-ionic surfactant, to improve leaf coverage and performance consistency. Follow the manufacturer's rate directions.

Table 1. Specified Application Rates on Apples

| Desired Treatment Effect | Rate per Acre* | Application Directions |
|---|---------------------------------------|---|
| Early Season application for reduction of fire blight incidence and severity in shoots and shoot growth reduction | 2 - 6 oz. (0.03 - 0.11 lb. a.i.) | <ul style="list-style-type: none"> Apply beginning at Pink stage. Make subsequent applications at 1- to 4-week intervals to help suppress fire blight infestations. These applications will also reduce early season shoot growth. |
| Growth Reduction on Medium to High Vigor Trees | 18 - 36 oz. (0.31 - 0.62 lb. a.i.) | <ul style="list-style-type: none"> Apply at 1" - 3" of new shoot growth. Make subsequent applications at 1- to 4-week intervals and before or immediately after shoot regrowth occurs. |
| Growth Reduction on Low Vigor Trees | 9 - 24 oz. (0.16 - 0.41 lb. a.i.) | <ul style="list-style-type: none"> Apply at 1" - 3" of new shoot growth. Make subsequent applications at 1- to 4-week intervals and before or immediately after shoot regrowth occurs. |
| Growth Reduction During Long Growing Season | 9 - 24 oz. (0.16 - 0.41 lb. a.i.) | <ul style="list-style-type: none"> Apply at 1" - 3" of new shoot growth. Make a second and third application at 7- to 14-day intervals. Make subsequent applications as needed at 10- to 14-day intervals. |
| To Decrease June Drop on Trees With Light Bloom | 30 - 36 oz. (0.51 - 0.62 lb. a.i.) | <ul style="list-style-type: none"> Apply at 1" - 3" of new shoot growth. |
| To Shape Tree Canopy | See footnote 1. | <ul style="list-style-type: none"> Apply at 1" - 3" of new shoot growth. Direct the spray to the portion of the tree where growth control is desired. |
| To Reduce Fire Blight Infections of Shoot by Decreasing Vegetative Growth | 18 - 36 oz. (0.31 - 0.62 lb. a.i.) | <ul style="list-style-type: none"> Apply at 1" - 3" of new shoot growth. Make a second application if new shoot growth occurs. |

*Based on 300 gals. of dilute spray per acre.

¹Apply 6 - 12 oz. (0.1 - 0.21 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per 100 gals. of dilute spray until runoff.

Ground Application

Apply **Axill Solutions Pro Hex 27.5% WDG** to actively growing trees using calibrated ground equipment. **Axill Solutions Pro Hex 27.5% WDG** may be applied using either dilute or concentrate spray equipment as long as sufficient spray coverage is achieved. Direct spray to the portion of the tree where growth control is desired. To achieve good coverage, apply **Axill Solutions Pro Hex 27.5% WDG** in a sufficient spray volume per acre utilizing proper spray pressure, nozzles, nozzle spacing and tractor speed.

Aerial Application (All Approved States except California)

Apply **Axill Solutions Pro Hex 27.5% WDG** in a minimum of 10 gals. of spray solution per broadcast acre. Aerial applications generally only provide spray coverage in the top part of the tree canopy. Vegetative growth control will be limited to those areas of the canopy that receive spray coverage.

Special Directions for Vegetative Growth Control on Apples Grown in Idaho, Oregon, and Washington

Apply **Axill Solutions Pro Hex 27.5% WDG** to actively growing trees according to the tree size, rates and application timings listed in **Table 2**. It is important to take into consideration the size and vigor of the trees when determining the spray volume and application frequency, timing and rate required to achieve vegetative growth control. Spray volumes are based on the amount of solution required to thoroughly wet the tree foliage to the point of runoff. Consult your local extension agent or consultant for advice on spray volume.

Table 2. Specified Application Rates for Vegetative Growth Control of Apples in Idaho, Oregon, or Washington

| Apple Tree Size | Rate per Acre* | Application Directions |
|--|---------------------------------------|---|
| Small Trees (8 - 10 ft. tall on dwarf rootstocks) | 6 - 12 oz. (0.1 - 0.21 lb. a.i.) | Apply at 1" - 3" of new shoot growth. Make subsequent applications at 1- to 4-week intervals when shoots show signs of regrowth. High vigor trees may require more frequent applications through the growing season. |
| Medium Trees (10 - 14 ft. tall on semi-dwarf rootstocks) | 6 - 18 oz. (0.1 - 0.31 lb. a.i.) | |
| Large Trees (greater than 14 ft. tall on standard non-dwarf rootstocks) | 18 - 24 oz. (0.31 - 0.41 lb. a.i.) | |

*Spray volumes must be a minimum of 100 gals. per acre and increase as necessary to achieve thorough canopy coverage.

Precautions - Apples:

- **Axill Solutions Pro Hex 27.5% WDG** is rainfast 8 hours after application.
- The active ingredient in **Axill Solutions Pro Hex 27.5% WDG** has been shown to increase fruit cracking on apple varieties, for example, Empire and Stayman, which are known to be prone to cracking.

Restrictions - Apples:

- **DO NOT** apply more than 36 oz. (0.62 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per acre per application.
- **DO NOT** apply more than a total of 99 oz. (1.7 lbs. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per acre per year.
- **DO NOT** apply more than a total of 48 oz. (0.83 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per acre within any 21-day interval.
- **DO NOT** make more than 16 applications per year at reduced application rate.
- **DO NOT** retreat in less than 1 week.
- **DO NOT** apply within 45 days before harvest.
- **DO NOT** apply to crops that show injury (leaf phytotoxicity) produced by any other prior pesticide applications because this injury can be enhanced or prolonged.

GRASS GROWN FOR SEED
(All Approved States except California)

Axill Solutions Pro Hex 27.5% WDG can be used as a production management tool on grass grown for seed production to suppress vegetative growth i.e., shorten internode length, resulting in a lower potential for lodging. Reducing lodging can result in improved pollination, increased seed set and improved yields. **Axill Solutions Pro Hex 27.5% WDG** must be absorbed by foliage to be effective. Always use sufficient spray volume to thoroughly wet the leaves without runoff. The growth regulator effects of **Axill Solutions Pro Hex 27.5% WDG** do not occur by soil uptake.

Axill Solutions Pro Hex 27.5% WDG does not affect vegetative growth the following year.

For consistent performance on grass grown for seed, add 1 lb. of a spray grade ammonium sulfate (AMS) for every pound of **Axill Solutions Pro Hex 27.5% WDG**. Use a standard spray adjuvant, preferably a non-ionic surfactant, to improve leaf coverage and performance consistency. Follow the manufacturer's rate directions.

Refer to **Table 3** for application rates and timings of **Axill Solutions Pro Hex 27.5% WDG** to reduce vegetative growth in grass grown for seed.

Table 3. Application Rates and Timings for Vegetative Growth Control in Grass Grown for Seed

| Application Timing | Application Rate per Acre |
|---|--------------------------------------|
| Single Application: Apply from flag leaf emergence up to early heading growth stage. | 14 - 29 oz. (0.24 - 0.5 lb. a.i.) |
| Split Applications: Apply from flag leaf emergence up to early heading growth stage. Make a second application 7 - 10 days later when new growth occurs. | 7 - 14 oz. (0.12 - 0.24 lb. a.i.) |

Ground Application

Use a minimum of 10 gals. of spray solution per broadcast acre.

Aerial Application

Use a minimum of 10 gals. of spray solution per acre.

Suppression of Annual Bluegrass in Washington, Oregon, Idaho, and Utah

Axill Solutions Pro Hex 27.5% WDG can be used to for the suppression of annual bluegrass in grass grown for seed production. For maximum suppression, annual bluegrass must be sprayed when in the flowering stage and must receive thorough coverage. **Axill Solutions Pro Hex 27.5% WDG** may not be effective against some annual bluegrass biotypes.

Precautions - Grass Grown for Seed:

- **Axill Solutions Pro Hex 27.5% WDG** is rainfast 1 hour after application.

Restrictions - Grass Grown for Seed:

- **DO NOT** apply more than 29 oz. (0.5 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per acre per application.
- **DO NOT** apply more than a total of 29 oz. (0.5 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per acre, per year.
- **DO NOT** retreat in less than 1 week.

- **DO NOT** make more than 2 applications per year at reduced application rates.
- **DO NOT** apply within 35 days before harvest.
- **DO NOT** graze livestock for 49 days following application.
- **DO NOT** cut forage or hay for livestock feed for 49 days following application.
- **Plant-Back/Rotation Restriction:** If replanting or crop rotation is necessary in fields treated with **Axill Solutions Pro Hex 27.5% WDG**, **DO NOT** plant any crop other than grass grown for seed for 30 days following application.

PEANUTS (All Approved States except California)

Axill Solutions Pro Hex 27.5% WDG can be used as a production management tool on peanuts to suppress vegetative growth i.e. shorten internode length, resulting in better harvest efficiency. **Axill Solutions Pro Hex 27.5% WDG** does not affect vegetative growth the year following application.

For consistent performance on peanuts, add 1 lb. of a spray grade ammonium sulfate (AMS) for every pound of **Axill Solutions Pro Hex 27.5% WDG**. Use a standard spray adjuvant, preferably a non-ionic surfactant, to improve leaf coverage and performance consistency. If **Axill Solutions Pro Hex 27.5% WDG** is being applied without a tank-mix partner, a non-phytotoxic crop oil concentrate (COC) can be used in place of a non-ionic surfactant. Always follow the manufacturer's rate directions.

Apply **Axill Solutions Pro Hex 27.5% WDG** to actively growing peanut plants according to the rates directed in **Table 4**. Initially apply 7.25 oz. (0.13 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per acre when 50% of the peanut stems are touching the row middle i.e., row closure. Make a second application at 100% row closure, as needed. Under conditions that are favorable to extremely rank growth, a third application may be required. Make **Axill Solutions Pro Hex 27.5% WDG** applications prior to loss of visual row pattern. Crops under stress due to lack of moisture, hail damage, flooding, mechanical injury, etc. will show little response to **Axill Solutions Pro Hex 27.5% WDG**.

Table 4. Application Rates and Timings for Vegetative Growth Control in Peanuts

| Application Timing | Application Rate per Acre |
|--|--|
| First Application: Apply when 50% of the peanut stems are touching in row middle (row closure). | 7.25 oz. (0.13 lb. a.i.) |
| Second Application: Make a second application at 100% row closure as needed. | 3.6 - 7.25 oz. (0.06 - 0.13 lb. a.i.) |

Ground Application

Use a minimum of 20 gals. of spray solution per broadcast acre.

Precautions - Peanuts:

- **Axill Solutions Pro Hex 27.5% WDG** is rainfast 8 hours after application.

Restrictions - Peanuts:

- **DO NOT** apply more than 7.25 oz. (0.13 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per acre per application.
- **DO NOT** apply more than a total of 21.75 oz. (0.38 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per acre per year.
- **DO NOT** retreat in less than 1 week.
- **DO NOT** make more than 2 applications of **Axill Solutions Pro Hex 27.5% WDG** in less than 6 weeks.
- **DO NOT** make more than 4 applications per year at reduced application rates.
- **DO NOT** treat within 25 days before harvest.
- **DO NOT** graze or feed livestock treated crops.
- **DO NOT** apply **Axill Solutions Pro Hex 27.5% WDG** on peanuts by air.
- **DO NOT** apply to crops under stress due to lack of moisture, hail damage, flooding, herbicide injury, or mechanical injury as reduced activity may result.
- **DO NOT** apply to crops that show injury (leaf phytotoxicity or plant stunting) produced by any other prior product applications because this injury can be enhanced or prolonged.
- Plant back/rotation restriction: If replanting or crop rotation is necessary in fields treated with **Axill Solutions Pro Hex 27.5% WDG**, **DO NOT** plant any crop other than peanuts for 30 days following the last application.

PEARS (d'Anjou)

Axill Solutions Pro Hex 27.5% WDG can be used as a production management tool on pears (d'Anjou) to suppress vegetative growth, i.e., shoot growth reduction, resulting in a balance between canopy development and fruit production. Growth suppression with **Axill Solutions Pro Hex 27.5% WDG** generally lasts for 2 – 5 weeks per application. **Axill Solutions Pro Hex 27.5% WDG** does not affect vegetative growth the year following application.

Benefits resulting from the use of **Axill Solutions Pro Hex 27.5% WDG** include:

- Reduction in vegetative shoot growth.
- Lessens the need or frequency for summer and/or dormant pruning.
- Improved light penetration into the tree canopy.
- Reduced incidence and severity of fire blight of shoots.

During years when both **Axill Solutions Pro Hex 27.5% WDG** and products containing gibberellins, e.g. Novagib® 10L (EPA Reg. No. 62097-7), are used, reductions in efficacy may occur in the **Axill Solutions Pro Hex 27.5% WDG** and/or gibberellin treatments.

The use of **Axill Solutions Pro Hex 27.5% WDG** may result in an increase in fruit retention. Therefore, thinning programs may need to be adjusted when using **Axill Solutions Pro Hex 27.5% WDG**.

When used as directed, **Axill Solutions Pro Hex 27.5% WDG** can reduce the incidence and severity of fire blight infection in pears (d'Anjou) in two ways: 1) The active ingredient in **Axill Solutions Pro Hex 27.5% WDG** can reduce latent bloom in pear (d'Anjou). During bloom pear trees are more susceptible to infection from fire blight. By reducing the bloom period and thusly reducing the time frame for infection to occur, the chance of fire blight infection may be decreased. 2) Applications of **Axill Solutions Pro Hex 27.5% WDG** reduce vegetative growth in pears (d'Anjou). This reduction in vegetative growth helps lessen host susceptibility. This decrease in susceptibility will not become effective until approximately 10 days after application. **Axill Solutions Pro Hex 27.5% WDG** does not have direct antibiotic activity against fire blight. For maximum reduction in fire blight susceptibility, apply **Axill Solutions Pro Hex 27.5% WDG** at least 10 days before the occurrence of weather conditions favorable for shoot and leaf infections. Use **Axill Solutions Pro Hex 27.5% WDG** as just 1 component of a comprehensive control strategy against fire blight.

Application Timings

For vegetative growth control, make the first application of **Axill Solutions Pro Hex 27.5% WDG** when shoots have 1" – 3" of new shoot growth. For best results, make subsequent applications at 1- to 4-week intervals, before or immediately following signs of shoot regrowth.

Number of Applications

The number of applications will vary depending on the timing of the first application, tree vigor, fruit load, pruning, variety, rootstock, and/or the management history of the orchard. For pear orchards in locations with a long growing season or on high vigor trees and/or trees with light fruit load, 3 – 5 applications per year may be required.

Tree Vigor

Adjust the **Axill Solutions Pro Hex 27.5% WDG** rate according to the vegetative vigor of the trees (see **Table 5**). Vegetative vigor can be influenced by many factors, including variety, rootstock, fruit load, cultural management, and location.

Tree Size

Calculate the rate per acre of **Axill Solutions Pro Hex 27.5% WDG** based on tree size, volume of water needed to spray the trees to drip, i.e., dilute spray or Tree Row Volume (TRV), level of tree vigor, and/or length of growing season. Consult your local extension agent or consultant for advice on spray volume.

Application Rates

Specified rates will be based on desired treatment effect, i.e., vegetative growth control, shoot blight suppression, etc. Refer to **Table 1** for directed rates per application.

For consistent performance on pears, add 1 lb. of a spray grade ammonium sulfate (AMS) for every pound of **Axill Solutions Pro Hex 27.5% WDG**. Use a standard spray adjuvant, preferably a non-ionic surfactant, to improve leaf coverage and performance consistency. Follow the manufacturer's rate directions.

Table 5. Specified Application Rates on Pears (d'Anjou)

| Application Timing | Rate per Acre* | Rate per 100 Gals. Of Dilute Spray** | Restrictions |
|--|--------------------------------------|---------------------------------------|---|
| For Vegetative Growth Control: <ul style="list-style-type: none"> First Application: Apply at 1" – 3" of new shoot growth. Subsequent Applications: Make any subsequent applications at 1- to 4-week intervals and before or immediately after shoot regrowth occurs. | 18 oz. (0.31 lb. a.i.) | 6 oz. (0.1 lb. a.i.) | See the below Precautions and Restrictions for Pears (d'Anjou). |
| For Vegetative Growth Control and Reduced Latent Bloom (Fire Blight Management): Apply at 1" - 3" of new shoot growth. Make a second application after 21 days. | 30 - 36 oz. 0.51 - 0.62 lb. a.i.) | 10 - 12 oz. (0.17 - 0.21 lb. a.i.) | See the below Precautions and Restrictions for Pears (d'Anjou). |
| *Based on 300 gals. Of dilute spray per acre. **Apply 6 - 12 oz. (0.1 - 0.21 lb. a.i.) of Axill Solutions Pro Hex 27.5% WDG per 100 gals. Of dilute spray. | | | |

Ground Application

Apply **Axill Solutions Pro Hex 27.5% WDG** to actively growing trees using calibrated ground equipment. **Axill Solutions Pro Hex 27.5% WDG** may be applied using either dilute or concentrate spray equipment as long as sufficient spray coverage is achieved. Direct spray to the portion of the tree where growth control is desired. To achieve good coverage, apply **Axill Solutions Pro Hex 27.5% WDG** in a sufficient spray volume per acre utilizing proper spray pressure, nozzles, nozzle spacing and tractor speed.

Aerial Application (All Approved States except California)

Apply **Axill Solutions Pro Hex 27.5% WDG** in a minimum of 10 gals. Of spray solution per broadcast acre. Aerial applications generally only provide spray coverage in the top part of the tree canopy. Vegetative growth control will be limited to those areas of the canopy

that receive spray coverage.

Precautions - Pears (d'Anjou):

- **Axill Solutions Pro Hex 27.5% WDG** is rainfast 8 hours after application.

Restrictions - Pears (d'Anjou):

- **DO NOT** apply more than 36 oz. (0.62 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per acre per application.
- **DO NOT** apply more than a total of 99 oz. (1.7 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per acre per year.
- **DO NOT** apply more than a total of 48 oz. (0.83 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per acre within any 21-day interval.
- **DO NOT** retreat in less than 1 week.
- **DO NOT** make more than 5 applications per year at reduced application rates.
- **DO NOT** apply within 45 days before harvest.
- **DO NOT** apply to crops that show injury (leaf phytotoxicity) produced by any other prior pesticide applications because this injury can be enhanced or prolonged.

STRAWBERRIES
(All Approved States except California)

Axill Solutions Pro Hex 27.5% WDG can be used as a production management tool on strawberries to suppress vegetative growth i.e., shoot growth reduction. The growth suppression effects of **Axill Solutions Pro Hex 27.5% WDG** on strawberries will normally last for 2 - 5 weeks per application during the current growing season. **Axill Solutions Pro Hex 27.5% WDG** does not affect vegetative growth the year following application.

For consistent performance on strawberries, add 1 lb. of a spray grade ammonium sulfate (AMS) for every pound of **Axill Solutions Pro Hex 27.5% WDG**. Use a standard spray adjuvant, preferably a non-ionic surfactant, to improve leaf coverage and performance consistency. Follow the manufacturer's rate directions.

Apply **Axill Solutions Pro Hex 27.5% WDG** to strawberries at a rate of 2 oz. (0.03 lb. a.i.) per acre per application. Make the first application of **Axill Solutions Pro Hex 27.5% WDG** in the fall once a minimum of 80% of the strawberry plants have 5 fully expanded leaves and before any runner formation has begun. If additional vegetative growth control is needed, make subsequent applications at 14- to 21-day intervals.

Ground Application

Apply **Axill Solutions Pro Hex 27.5% WDG** to the foliage of actively growing strawberries using calibrated ground application equipment. **Axill Solutions Pro Hex 27.5% WDG** is taken up through the leaves of the plants so good spray coverage of the plant foliage is essential to get good uptake and consistent growth suppression. To achieve good coverage, apply **Axill Solutions Pro Hex 27.5% WDG** in a sufficient spray volume per acre utilizing proper spray pressure, nozzles, nozzle spacing and tractor speed. It is advised to apply in a minimum spray volume of 10 gals. per acre and not more than 30 gals. per acre.

Precautions - Strawberries:

- **Axill Solutions Pro Hex 27.5% WDG** is rainfast 8 hours after application.
- If calcium or boron are tank mixed with **Axill Solutions Pro Hex 27.5% WDG**, the resulting growth control may be less than favorable.

Restrictions - Strawberries:

- **DO NOT** apply more than 2 oz. (0.03 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per acre per application.
- **DO NOT** apply more than 6 oz. (0.11 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per acre per year.
- **DO NOT** retreat in less than 2 weeks.
- **DO NOT** make more than 3 applications of 2 oz. (0.03 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per acre per year.
- **DO NOT** apply within 21 days before harvest.
- **DO NOT** use **Axill Solutions Pro Hex 27.5% WDG** on strawberries grown in greenhouses.
- **DO NOT** apply to strawberries using air-blast or aerial spray equipment.
- **DO NOT** apply **Axill Solutions Pro Hex 27.5% WDG** to strawberries using any type of irrigation system.
- **DO NOT** apply to crops that show injury (leaf phytotoxicity) produced by any other prior pesticide applications as this injury can be enhanced or prolonged. Refer to the **TANK MIXING INFORMATION** section for additional tank mixing instructions and precautions.

Sweet Cherries

Axill Solutions Pro Hex 27.5% WDG can be used as a production management tool on sweet cherries to suppress vegetative growth i.e. shoot growth reduction, which can reduce or delay the need for pruning. **Axill Solutions Pro Hex 27.5% WDG** does not affect vegetative growth the year following application.

For consistent performance on sweet cherries, add one pound of a spray grade ammonium sulfate (AMS) for every pound of **Axill Solutions Pro Hex 27.5% WDG**. Use a standard spray adjuvant, preferably a non-ionic surfactant, to improve leaf coverage and performance consistency. Follow the manufacturer's rate directions.

Apply **Axill Solutions Pro Hex 27.5% WDG** to sweet cherries according to the rates directed in **Table 6**. Make the first application of **Axill Solutions Pro Hex 27.5% WDG** in the spring when shoots have 1-3" of new growth. If additional vegetative growth control is needed, make subsequent applications at 1 to 4 week intervals, before or immediately following signs of shoot regrowth.

Number of Applications: The number of applications will vary depending on the timing of the first application, tree vigor, fruit load, pruning, variety, rootstock, and/or the management history of the orchard. For sweet cherry orchards in locations with a long growing season or on high vigor trees and/or trees with light fruit load, 3-5 applications per year may be required.

Table 6. Axill Solutions Pro Hex 27.5% WDG Application Rates for Vegetative Growth Control in Sweet Cherries

| Tree Vigor | Application Rate per Acre | Restrictions |
|--------------------|---|--|
| High Vigor Trees | 8-20 oz. (0.14-0.34 lbs. a.i.) | <ul style="list-style-type: none"> DO NOT apply more than 20 oz/A (0.34 lbs. a.i.) within any 14-day interval. DO NOT apply more than 40 oz/A (0.63 lbs. a.i.) per year. |
| Medium Vigor Trees | 8-12 oz. (CA only) (0.14-0.21 lbs. a.i.) 6-12 oz. (all other states) (0.10-0.21 lbs. a.i.) | <ul style="list-style-type: none"> DO NOT apply more than 12 oz/A (0.75 lbs. a.i.) within any 14-day interval. DO NOT apply more than 30 oz/A (1.88 lbs. a.i.) per year. |
| Low Vigor Trees | Not applicable | <ul style="list-style-type: none"> DO NOT apply Axill Solutions Pro Hex 27.5% WDG to low vigor trees. |

Ground Application: Apply **Axill Solutions Pro Hex 27.5% WDG** to actively growing trees using calibrated ground equipment. **Axill Solutions Pro Hex 27.5% WDG** may be applied using either dilute or concentrate spray equipment as long as sufficient spray coverage is achieved. To achieve good coverage, apply **Axill Solutions Pro Hex 27.5% WDG** in a sufficient spray volume per acre utilizing proper spray pressure, nozzles, nozzle spacing and tractor speed.

Aerial Application (all approved states except California): Apply **Axill Solutions Pro Hex 27.5% WDG** in a minimum of 10 gallons of spray solution per broadcast acre. Aerial application generally only provide spray coverage in the top part of the tree canopy. Vegetative growth control will be limited to those areas of the canopy that receive spray coverage.

Post-Harvest Applications to Control Vegetative Growth in Sweet Cherries (all approved states except California): Flushes of vegetative growth can occur in fruit trees that are harvested when temperatures and day length are still favorable for vegetative growth to occur. This can result in undesirable shoot growth and waste of resources for the trees. To reduce this growth, apply **Axill Solutions Pro Hex 27.5% WDG** to the trees after commercial harvest is complete.

Once vegetative growth begins, 1-3 applications of **Axill Solutions Pro Hex 27.5% WDG** may be applied at 1-4 week intervals. Follow the application rates described in **Table 6** above based on the vigor of the trees being treated. Exclude post-harvest application of **Axill Solutions Pro Hex 27.5% WDG** from the total ounces of product that may be applied to cherry trees in the current growing season.

Precautions on Sweet Cherries:

Axill Solutions Pro Hex 27.5% WDG is rainfast 8 hours after application.

Restrictions on Sweet Cherries:

- DO NOT** apply more than 40 oz. of **Axill Solutions Pro Hex 27.5% WDG** (0.69 lbs. a.i.) per acre per year as outlined in the Application Rates for Vegetative Growth Control in Sweet Cherries table in this label.
- DO NOT** apply more than a total of 20 oz. of **Axill Solutions Pro Hex 27.5% WDG** (0.34 lbs. a.i.) per acre in any 14-day interval.
- DO NOT** apply more than 20 oz. of **Axill Solutions Pro Hex 27.5% WDG** (0.34 lbs. a.i.) per acre per application.
- DO NOT** retreat in less than 1 week.
- DO NOT** make more than 5 applications per year at reduced application rate.
- DO NOT** apply within 20 days before harvest.
- DO NOT** use **Axill Solutions Pro Hex 27.5% WDG** on tart cherries.
- DO NOT** apply to crops that show injury (leaf phytotoxicity) produced by any other prior pesticide applications because this injury can be enhanced or prolonged. Refer to Tank Mixing Information for additional tank mixing instructions and precautions.
- DO NOT** apply **Axill Solutions Pro Hex 27.5% WDG** on low vigor trees.
- DO NOT** begin post-harvest applications until the cherry fruit harvest is completed in the trees to be treated.

WATERCRESS (All Approved States except California)

Axill Solutions Pro Hex 27.5% WDG can be used as a production management tool on watercress to suppress vegetative growth and increase stem diameter in watercress. Following an application of **Axill Solutions Pro Hex 27.5% WDG** to watercress a reduction in growth will typically be observed after 4 days. This reduction in growth may last up to 14 days depending on growing conditions.

Apply **Axill Solutions Pro Hex 27.5% WDG** to watercress which has regrown from the plant stubble remaining following the previous harvest. Depending on the growing conditions the first application may be made from 5 - 10 days. If deemed necessary, a second application of **Axill Solutions Pro Hex 27.5% WDG** may be applied. Application rates and volumes are noted in **Table 7**.

Axill Solutions Pro Hex 27.5% WDG may be applied through ground or sprinkler application equipment. Application equipment must be properly designed and calibrated before making applications of **Axill Solutions Pro Hex 27.5% WDG** to watercress. To achieve desired results, apply **Axill Solutions Pro Hex 27.5% WDG** in a sufficient spray volume per acre that will provide good coverage based on the size and density of the watercress foliage. Adequate coverage of the plant foliage must be achieved for good activity but avoid over application that results in runoff.

Ground Application

Apply **Axill Solutions Pro Hex 27.5% WDG** to the foliage of actively growing watercress using properly calibrated ground application equipment. Ensure adequate spray coverage is applied to achieve good uptake of the spray solution.

Sprinkler Irrigation Application

Chemigation applications of **Axill Solutions Pro Hex 27.5% WDG** to watercress are to **only** be made through sprinkler type irrigation systems including center pivot, lateral move, solid set, or hand move irrigation systems.

The chemical tank and injector system must be thoroughly cleaned before an application of **Axill Solutions Pro Hex 27.5% WDG** is made. Flush system with clean water prior to beginning the **Axill Solutions Pro Hex 27.5% WDG** application.

Application Instructions

Apply **Axill Solutions Pro Hex 27.5% WDG** at the rates and timings stated in this label. Chemigation applications must be made as concentrated as possible. To achieve best results, apply at 0.1 inch up to 0.15 inches (2,716 - 4,073 gals.) of water per acre.

Sprinkler Irrigation Application Use Directions:

- Apply **Axill Solutions Pro Hex 27.5% WDG** only through sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation systems.
- Add **Axill Solutions Pro Hex 27.5% WDG** to the pesticide supply tank containing sufficient water to maintain a continuous flow by the injection equipment. In continuous moving systems, inject this product/water mixture continuously, to apply the proper labeled rate per acre for that crop. In stationary or non-continuous moving systems, inject the product/water mixture in the last 15 - 30 minutes of each set allowing sufficient time for all of the required pesticide to be applied by all the sprinkler heads and applying the labeled rate per acre for that crop. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. Thorough coverage of foliage is required for good control. Good agitation must be maintained during the entire application period.
- Contact State Extension Service specialists, equipment manufacturers or other experts if you have questions or concerns about calibration of the system.
- The system must contain a functional check valve, vacuum-relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from back-flow.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- Functional interlocking controls must be contained in the system to automatically shut off the pesticide-injection pump when the water pump motor stops.
- In order to prevent a water pressure, decrease to the point where pesticide distribution is adversely affected, the irrigation line or water pump must include a functional pressure switch that will stop the motor.
- Systems must use a metering pump, a positive displacement injection pump (e.g., diaphragm pump), effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- The irrigation water may not be turned off before allowing sufficient time for the pesticide to be flushed through all lines and all nozzles. A person knowledgeable of the chemigation system and responsible for its operation, or under supervision of the responsible person, needs to shut down the system and make necessary adjustments if the need arises.

Specific Instructions for Public Water Systems:

1. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
2. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system may be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, a positive displacement injection pump (e.g., diaphragm pump), effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Table 7. Axill Solutions Pro Hex 27.5% WDG Application Rates and Timings for Vegetative Growth Control of Watercress

| Application Timing | Application Rate per Acre |
|---|---------------------------|
| Apply to watercress which has regrown leaves/foliage from the plant stubble remaining following the previous harvest (5 - 10 days). | 8 oz. (0.14 lb. a.i.) |
| If deemed necessary, a second application may be made 7 days after the first application. This second application may or may not be needed depending on growing conditions. | 8 oz. (0.14 lb. a.i.) |

Precautions - Watercress:

- **Axill Solutions Pro Hex 27.5% WDG** is rainfast 8 hours after application.

Restrictions - Watercress:

- **DO NOT** apply more than 16 oz. (0.28 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per acre per year.
- **DO NOT** retreat in less than 1 week.
- **DO NOT** make more than 2 applications of 8 oz. (0.14 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per acre per year.
- **DO NOT** apply more than 8 oz. (0.14 lb. a.i.) of **Axill Solutions Pro Hex 27.5% WDG** per acre per application.
- **DO NOT** apply **Axill Solutions Pro Hex 27.5% WDG** within 3 days before harvest.
- **DO NOT** use **Axill Solutions Pro Hex 27.5% WDG** on watercress grown in greenhouses.
- **DO NOT** apply to watercress crops that show injury (leaf phytotoxicity) produced by any other prior pesticide applications as this type of injury can be enhanced or prolonged. Refer to the **TANK MIXING INFORMATION** section for additional tank mixing instructions and precautions.
- **DO NOT** apply **Axill Solutions Pro Hex 27.5% WDG** to watercress with any additive, adjuvant, fertilizer, nutrient, or any other pesticide product added to the spray mix. Only mix **Axill Solutions Pro Hex 27.5% WDG** with water when making applications to watercress.
- **DO NOT** apply through any other type of irrigation system.
- **DO NOT** exceed ½ inch water (13,577 gals.) per acre for watercress.
- **DO NOT** apply if wind speed favors drift beyond the intended area of the treatment.
- **DO NOT** connect an irrigation system (including greenhouse systems) used for pesticide to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in original container only. After partial use, close the container tightly. Store in a secure place that is cool and dry. Use spray and stock solutions within 24 hours. Immediate use is required if another component is added to the spray solution.

PESTICIDE DISPOSAL: Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING:

[[Non-Refillable Plastic Containers (Capacity Equal to or Less Than 50 Pounds):] Non-refillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration, or by other procedures approved by State and local authorities.]

[[Non-Refillable Plastic Containers (Capacity Greater Than 50 Pounds):] Non-refillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration, or by other procedures approved by State and local authorities.]

[[Non-Refillable Plastic Containers, e.g., Intermediate Bulk Containers [IBC] (Size or Shape Too Large to be Tipped, Rolled or Turned Upside Down):] Non-refillable container. **DO NOT** reuse or refill this container. Clean container promptly after emptying the contents from this container into application equipment or mix tank and before final disposal using the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration, or by other procedures approved by State and local authorities.]

[[Non-Refillable Plastic Bags, Fiber Sacks including Flexible Intermediate Bulk Containers (FIBC) or Fiber Drums with Liners:] Non-refillable container. **DO NOT** reuse or refill this container. Completely empty paper or plastic bag, fiber sack or drum liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Offer for recycling, if available, or dispose empty paper or plastic bag, fiber sack or fiber drum and liner in a sanitary landfill or by incineration, or by other procedures approved by State and local authorities.]

[[Refillable Fiber Drums with Liners:] Refillable container (fiber drum only). Refilling Fiber Drum: Refill this fiber drum with this pesticide

only. **DO NOT** reuse this fiber drum for any other purpose. Cleaning before refilling is the responsibility of the refiller. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Disposing of Fiber Drum and/or Liner: **DO NOT** reuse this fiber drum for any other purpose other than refilling (see preceding). Cleaning the container (liner and/or fiber drum) before final disposal is the responsibility of the person disposing of the container. Offer the liner for recycling if available or dispose of liner in a sanitary landfill, or by incineration. **DO NOT** burn, unless allowed by State and local ordinances. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner. To clean the fiber drum before final disposal, completely empty the fiber drum by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Then offer the fiber drum for recycling if available or dispose of in a sanitary landfill or by incineration, or by other procedures approved by State and local authorities.]

[[All Other Refillable Containers:] Refillable container. Refilling Container: Refill this container with this pesticide only. **DO NOT** reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. Prior to refilling, inspect carefully for damage including cracks, punctures, abrasions, worn out threads and closure devices. Check for leaks after refilling and before transporting. Disposing of Container: **DO NOT** reuse this container for any other purpose other than refilling (see preceding). Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, use the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration, or by other procedures approved by State and local authorities.]

CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Axill Solutions, LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Axill Solutions, LLC and Seller harmless for any claims relating to such factors.

Axill Solutions, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Axill Solutions, LLC, and Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, AXILL SOLUTIONS, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

To the extent consistent with applicable law, neither Axill Solutions, LLC nor Seller shall be liable for any incidental, consequential, or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF AXILL SOLUTIONS, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF AXILL SOLUTIONS, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Axill Solutions, LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Axill Solutions, LLC.

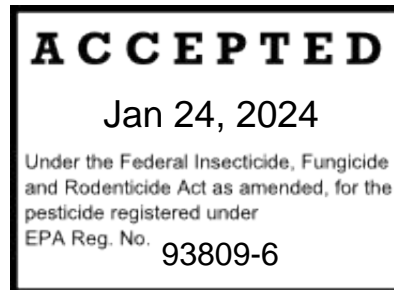
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[EPA Approval Date]

{Note to reviewer: [text] in brackets denotes optional text}

Supplemental Labeling

[Manufactured for:]
Axill Solutions
422 Jasmine Way
Roseburg, OR 97471



Axill Solutions Pro Hex 27.5% WDG

[ABN: Axill Solutions Pro Hex Turf] [ABN: Axill Solutions Prohexadine Calcium 27.5% WDG]

EPA Reg. No. 93809-6
Plant Growth Regulator for Use on Sweet Cherries.

This supplemental label expires December 6, 2026 and must not be used or distributed after this date.

THIS LABELING MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF APPLICATION. READ THE LABEL AFFIXED TO THE CONTAINER FOR AXILL SOLUTIONS PRO HEX 27.5% WDG BEFORE APPLYING. USE OF AXILL SOLUTIONS PRO HEX 27.5% WDG ACCORDING TO THIS LABELING IS SUBJECT TO THE USE PRECAUTIONS AND LIMITATIONS IMPOSED BY THE LABEL AFFIXED TO THE CONTAINER FOR AXILL SOLUTIONS PRO HEX 27.5% WDG.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

PRODUCTION MANAGEMENT IN SWEET CHERRIES

Axill Solutions Pro Hex 27.5% WDG can be used as a production management tool on sweet cherries to suppress vegetative growth i.e. shoot growth reduction, which can reduce or delay the need for pruning. **Axill Solutions Pro Hex 27.5% WDG** does not affect vegetative growth the year following application.

For consistent performance on sweet cherries, add one pound of a spray grade ammonium sulfate (AMS) for every pound of **Axill Solutions Pro Hex 27.5% WDG**. Use a standard spray adjuvant, preferably a non-ionic surfactant, to improve leaf coverage and performance consistency. Follow the manufacturer’s rate directions.

Apply **Axill Solutions Pro Hex 27.5% WDG** to sweet cherries according to the rates directed in **Table 6**. Make the first application of **Axill Solutions Pro Hex 27.5% WDG** in the spring when shoots have 1-3” of new growth. If additional vegetative growth control is needed, make subsequent applications at 1 to 4 week intervals, before or immediately following signs of shoot regrowth.

Number of Applications: The number of applications will vary depending on the timing of the first application, tree vigor, fruit load, pruning, variety, rootstock, and/or the management history of the orchard. For sweet cherry orchards in locations with a long growing season or on high vigor trees and/or trees with light fruit load, 3-5 applications per year may be required.

Table 6. Axill Solutions Pro Hex 27.5% WDG Application Rates for Vegetative Growth Control in Sweet Cherries

| Tree Vigor | Application Rate per Acre | Restrictions |
|--------------------|---|--|
| High Vigor Trees | 8-20 oz. (0.14-0.34 lbs. a.i.) | <ul style="list-style-type: none"> DO NOT apply more than 20 oz/A (0.34 lbs. a.i.) within any 14-day interval. DO NOT apply more than 40 oz/A (0.63 lbs. a.i.) per year. |
| Medium Vigor Trees | 8-12 oz. (CA only) (0.14-0.21 lbs. a.i.) 6-12 oz. (all other states) (0.10-0.21 lbs. a.i.) | <ul style="list-style-type: none"> DO NOT apply more than 12 oz/A (0.75 lbs. a.i.) within any 14-day interval. DO NOT apply more than 30 oz/A (1.88 lbs. a.i.) per year. |
| Low Vigor Trees | Not applicable | <ul style="list-style-type: none"> DO NOT apply Axill Solutions Pro Hex 27.5% WDG to low vigor trees. |

Ground Application: Apply **Axill Solutions Pro Hex 27.5% WDG** to actively growing trees using calibrated ground equipment. **Axill Solutions Pro Hex 27.5% WDG** may be applied using either dilute or concentrate spray equipment as long as sufficient spray coverage is achieved. To achieve good coverage, apply **Axill Solutions Pro Hex 27.5% WDG** in a sufficient spray volume per acre utilizing proper spray pressure, nozzles, nozzle spacing and tractor speed.

Aerial Application (all approved states except California): Apply **Axill Solutions Pro Hex 27.5% WDG** in a minimum of 10 gallons of spray solution per broadcast acre. Aerial application generally only provide spray coverage in the top part of the tree canopy. Vegetative growth control will be limited to those areas of the canopy that receive spray coverage.

Post-Harvest Applications to Control Vegetative Growth in Sweet Cherries (all approved states except California): Flushes of vegetative growth can occur in fruit trees that are harvested when temperatures and day length are still favorable for vegetative growth to occur. This can result in undesirable shoot growth and waste of resources for the trees. To reduce this growth, apply **Axill Solutions Pro Hex 27.5% WDG** to the trees after commercial harvest is complete.

Once vegetative growth begins, 1-3 applications of **Axill Solutions Pro Hex 27.5% WDG** may be applied at 1-4 week intervals. Follow the application rates described in **Table 6** above based on the vigor of the trees being treated. Exclude post-harvest application of **Axill Solutions Pro Hex 27.5% WDG** from the total ounces of product that may be applied to cherry trees in the current growing season.

Precautions on Sweet Cherries:

Axill Solutions Pro Hex 27.5% WDG is rainfast 8 hours after application.

Restrictions on Sweet Cherries:

- **DO NOT** apply more than 40 oz. of **Axill Solutions Pro Hex 27.5% WDG** (0.69 lbs. a.i.) per acre per year as outlined in the Application Rates for Vegetative Growth Control in Sweet Cherries table in this label.
- **DO NOT** apply more than a total of 20 oz. of **Axill Solutions Pro Hex 27.5% WDG** (0.34 lbs. a.i.) per acre in any 14-day interval.
- **DO NOT** apply more than 20 oz. of **Axill Solutions Pro Hex 27.5% WDG** (0.34 lbs. a.i.) per acre per application.
- **DO NOT** retreat in less than 1 week.
- **DO NOT** make more than 5 applications per year at reduced application rate.
- **DO NOT** apply within 20 days before harvest.
- **DO NOT** use **Axill Solutions Pro Hex 27.5% WDG** on tart cherries.
- **DO NOT** apply to crops that show injury (leaf phytotoxicity) produced by any other prior pesticide applications because this injury can be enhanced or prolonged. Refer to Tank Mixing Information for additional tank mixing instructions and precautions.
- **DO NOT** apply **Axill Solutions Pro Hex 27.5% WDG** on low vigor trees.
- **DO NOT** begin post-harvest applications until the cherry fruit harvest is completed in the trees to be treated.

IMPORTANT BEFORE USING Axill Solutions Pro Hex 27.5% WDG READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE EPA REGISTERED LABEL. This supplemental label contains new or supplemental instructions for use of the product which may not appear on the package label, and may contain directions which are not appropriate for all geographies and weed control situations. Follow the instructions carefully. This supplemental label must be in the possession of the user at the time of pesticide application.

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