nufarm

Citrus
Solution Guide



Evolving Ag

SOLUTIONS OVERVIEW

Use this grid for a quick overview of Nufarm solutions for your crop.

INSECTICIDES / MITICIDES
Asian citrus psyllid, broad mite, citrus broad mite, citrus leafminer, citrus rust mite, citrus thrips, leafhoppers, leafminers, thrips, two-spotted spider mite, whiteflies
Citrus leafminer, citrus orangedog, citrus thrips, European grapevine moth, light brown apple moth
Citrus leafminer, citrus peelminer, katydid (nymph suppression), light brown apple moth, omnivorous leafroller
Aphids, leafminers, mealybugs, mole crickets, plant bugs, sawflies, scales, termites, thrips Diseases suppressed via vector control: citrus tristeza virus, citrus yellows
NON-SELECTIVE HERBICIDES / DESICCANTS
Chickweed, clover, crabgrass, dandelion, fleabane, foxtail, henbit, horseweed (marestail), lambsquarters, mallow, malva, morningglory, nutsedge, purslane, ragweed, ryegrass, spurge, vetch, woodsorrel*
Wide spectrum of emerged grass, broadleaf and sedge species*
SELECTIVE HERBICIDES
Filaree, Florida pusley, lambsquarters, morningglory, pigweed, prickly sida, spurge*
Filaree, Florida pusley, lambsquarters, morningglory, pigweed, prickly sida, spurge*
Chickweed, dandelion, filaree, groundsel, henbit, horseweed (marestail), Johnsongrass, lambsquarters, little mallow, London rocket, mustard, nightshades, pigweeds, prickly lettuce, puncturevine, purslane, radish, redmaids, shepherd's-purse, sowthistle, waterhemps*
FUNGICIDES / BACTERICIDES
Alternaria, citrus canker (suppression), greasy spot, melanose, scab*
Alternaria, citrus canker (suppression), greasy spot, melanose, scab*, black spot**
Alternaria (suppression), citrus canker (suppression), greasy spot, melanose, scab*
Alternaria (suppression), citrus canker (suppression), greasy spot, melanose, scab*, black spot**
Citrus foot rot, root rot, trunk canker, Gummosis, *Phytophthora* spp.*
Foot rot, root rot, brown rot (*Phytophthora* spp.)
HLB suppression - supplemental label

*See label for complete list
**2(ee) labeled use for Florida
†Apply GoalTender only to non-bearing citrus (trees that will not bear fruit for one year)

See label for full use site and application details. Always read and follow label directions.

PRODUCT	ACTIVE INGREDIENT	RE-ENTRY INTERVAL	PRE-HARVEST INTERVAL
Abamex	Abamectin	12 hours	7 days
Exsolant XHL	Spinosad	4 hours	1 day
Naxypro	Chlorantraniliprole	4 days	1 day
Nuprid 4F MAX	Imidacloprid	12 hours	0 days
Cheetah	Glufosinate	12 hours	14 days
Credit Xtreme	Glyphosate	4 hours	1 day
Goal 2XL	Oxyfluorfen	24 hours	365 days
GoalTender	Oxyfluorfen	24 hours	365 days[†]
Panther XLR	Flumioxazin	12 hours	3 days
ChampION[++]	Copper Hydroxide	48 hours	0 days
Champ Dry Prill	Copper Hydroxide	48 hours	0 days
Champ Formula 2 Flowable	Copper Hydroxide	48 hours	0 days
Champ WG	Copper Hydroxide	48 hours	0 days
Ultra Flourish XHL	Mefenoxam	48 hours	0 days
Phostrol	Phosphite	4 hours	0 days
Mycoshield	Calcium Oxytetracycline	12 hours	40 days

GROUP 6 INSECTICIDE

Abamex®

TARGET MITES AND OTHER TOUGH PESTS.

Low VOC, water-based formulation. Unique mode of action offers residual control against mites and leaf-feeding beetles and worms, leafminers, psyllids and thrips. Abamex® Insecticide is labeled for use on many crops including a variety of citrus fruits.

ACTIVE INGREDIENT

abamectin 2.0%

BENEFITS OF ABAMEX

- Provides excellent control of mites, leafminers, and other insects
- Flexible application timing in an easy-to-use liquid formulation
- Short 12-hour REI
- Rainfast within hours of application

KEY PESTS CONTROLLED See label for complete list

Asian citrus psyllid, citrus leafminer, two-spotted spider mites

APPLICATION GUIDELINES

Concentrate sprays: Apply 5-20 fl oz/A.

Apply using conventional ground equipment using a minimum of 40 gallons of water per acre and a horticultural spray oil at 0.25% v/v.

Best mite control is achieved when spray is deposited on new foliage growth. Use alternate modes of action if infestation requires multiple treatments.

- Re-entry interval: 12 hours
- Pre-harvest interval: 7 days

Abamex® is an EPA Restricted-Use Pesticide. Always read and follow label directions.
See label for complete directions for use.

GROUP 28 INSECTICIDE

Exsolant® XHL

EXPAND YOUR OPTIONS FOR EFFECTIVE BIOLOGICAL INSECT CONTROL.

Exsolant® XHL by Nufarm broadens your options with a spinosad based insecticide, bringing a quality, proven effective natural solution to control a variety of pests through both contact and ingestion. Dial in protection from damaging pests including citrus leafminers and thrips while preserving beneficial insects. Gain residual activity and a fast, four-hour re-entry interval. Formulated for citrus and other fruit bearing trees, the natural choice is Exsolant XHL.

ACTIVE INGREDIENT

spinosad 44%

BENEFITS OF EXSOLANT XHL

- Natural and highly active
- Higher loaded AI formulation (4 lb/gal)
- Unique Group 5 mode of action
- Versatile resistance management tool
- Apply as foliar or directed fine spray
- Fast, four-hour REI
- Soft on beneficials; optimal IPM tool where pollinators are a concern

KEY PESTS CONTROLLED See label for complete list

Citrus leafminer, citrus orangedog, citrus thrips, European grapevine moth, light brown apple moth

APPLICATION GUIDELINES

Apply as a foliar spray at 2-5 fl oz/A to control target pests. Use a higher rate in the rate range for heavy infestations and/or larger trees. Heavy infestations may require repeat applications but follow resistance management guidelines.

Treat when pests appear or when pest levels reach recommended economic thresholds.

See label for complete directions for use.

GROUP 28 INSECTICIDE

Naxypro®

EFFICIENT, LONG LASTING CONTROL OF LEPIDOPTERAN INSECT PESTS.

Naxypro® Insecticide provides effective control of lepidoptera pests for up to three weeks with fast-acting results that rival leading chlorantranilprole formulations. Preserve fruit quality and protect yield through quick activity, just minutes after contact, while remaining soft on beneficials.

ACTIVE INGREDIENT

chlorantraniliprole (1.69 lb/gal)

BENEFITS OF NAXYPRO

- Optimal IPM program tool where pollinators are a concern
- Knockdown and residual control

KEY PESTS CONTROLLED See label for complete list

Citrus leafminer, citrus peelminer, katydid (nymph suppression), light brown apple moth, omnivorous leafroller

APPLICATION GUIDELINES

Apply 5.0 to 7.5 fl oz/A for labeled pests.

Thorough coverage is essential. Select a spray volume appropriate for the size of trees or plants and density of foliage. DO NOT apply less than 30 gal water per acre by ground. For best results apply 100 to 150 gal water per acre. Where higher spray volumes are used, apply a higher rate of Naxypro in the specified rate range.

- Do not apply more than 15.4 fl oz of Naxypro or 0.2 lb chlorantraniliprole containing products per acre per calendar year
- Do not make more than 3 applications per acre per calendar year
- Re-entry interval: 4 hours

Not registered for use in California
See label for complete directions for use.

GROUP 4A INSECTICIDE

Nuprid® 4F MAX

THE CLEAR CHOICE FOR TOUGH INSECTS.

Nuprid® 4F Max systemic insecticide provides economical and long-lasting control of a broad spectrum of damaging insects. The expanded label allows for both soil and foliar application on a variety of crops, including citrus. It offers outstanding control of aphids, whiteflies, mealybugs, leafhoppers and many other sucking and piercing pests. Nuprid 4F Max delivers consistent performance, plus it's easy to mix, use and apply.

ACTIVE INGREDIENT

imidacloprid 40.4%

BENEFITS OF NUPRID 4F MAX

- Selective control of key sucking and piercing insects
- Expanded label allows for soil and foliar application on multiple crops
- Reliable performance against yield-robbing pests
- Helps stop transmission of insect-vectored citrus tristeza virus (CTV)
- Readily mixes with other tank-mix partners to save a trip across the field

KEY PESTS CONTROLLED See label for complete list

Aphids, cherry fruit fly, fleahoppers, green June beetle, leafminers, mealybugs, mole crickets, plant bugs, sawflies, scales, termites, thrips, white grub complex, wireworms

APPLICATION GUIDELINES

Soil Applications: Apply at 8.0 to 16.0 oz/A.

Foliar Applications: Apply at 4.0 to 8.0 oz/A.

Nuprid 4F Max may also be applied through drench application methods. Thorough uniform coverage is necessary to achieve insect control. Use adequate spray volumes, properly calibrated application equipment, and an adjuvant to improve coverage. Failure to provide adequate coverage and retention of this product on leaves and fruit may result in loss of insect control or delay in onset of activity.

- Re-entry interval: 12 hours
- Pre-harvest interval: 0 days

See label for complete directions for use.

GROUP 10 HERBICIDE

Cheetah®

SATISFACTION: CLEANER. QUICKER. CHEETAH®.

Cheetah® Herbicide utilizes a novel mode of action to better protect your high-value TNVV crops from weed competition including glyphosate-resistant weeds. This fast non-selective herbicide will let you focus more on profitability and less on weeds.

ACTIVE INGREDIENT

glufosinate 24.5%

BENEFITS OF CHEETAH

- Fast non-selective control of tough grass, sedge, and broadleaf weeds
- Best glyphosate alternative, offering broad-spectrum weed control
- Directed sprays provide excellent control and crop safety in orchards
- Controls glyphosate-resistant weeds without special handling restrictions

KEY WEEDS CONTROLLED See label for complete list

Chickweed, clover, crabgrass, dandelion, fleabane, foxtail, henbit, horseweed (marestail), lambsquarters, mallow, malva, morningglory, nutsedge, purslane, ragweed, ryegrass, spurge, vetch, woodsorrel

APPLICATION GUIDELINES

Apply 48.0 to 82.0 fl oz/A as determined by weed size.

Apply as a broadcast, banded, spot treatment, or direct spray.

Apply to emerged, young actively growing weeds. Warm temperatures, high humidity and bright sunlight improve the performance.

Weeds under stress or in dense populations will require application at the highest specified label use rate.

- Re-entry interval: 12 hours
- Pre-harvest interval: 14 days
- Spray interval: 14 days

See label for complete directions for use.

GROUP 9 HERBICIDE

Credit® Xtreme

POWERFUL WEED CONTROL.

Credit® Xtreme Herbicide from Nufarm delivers powerful performance. The rapid uptake leads to quicker activity and rainfastness, so you can apply it with confidence. Credit Xtreme has an acid equivalent content of 4.5 lbs glyphosate per gallon and treats 50% more acres than many products which only have 3.0 lbs a.e. per gallon.

ACTIVE INGREDIENT

glyphosate: isopropylamine salt 30.94%, potassium salt 22.99%

BENEFITS OF CREDIT XTREME

- Contains proprietary Dual-Salt Technology™ for faster translocation activity and rainfastness
- Takes on the toughest weeds with quick burndown and complete control
- Excellent tank-mix compatibility, even in hard water environments
- Treats more acres per tote than many alternative glyphosate products

KEY WEEDS CONTROLLED See label for complete list

Many tough weeds like paragrass and guineagrass

APPLICATION GUIDELINES

Apply 1.3 to 3.3 qt/A in 3 to 30 gallons of water per acre. Where weed foliage is dense, use 10 to 30 gallons of water per acre.

Allow a minimum of 1 day between last application and harvest in citrus crops. For citron groves, apply as directed sprays only.

- Re-entry interval: 4 hours
- Pre-harvest interval: 1 day

See label for complete directions for use.

GROUP 14 HERBICIDE

Goal® 2XL

STAY UNDEFEATED WITH GOAL® 2XL.

Goal® 2XL Herbicide controls dozens of broadleaf and grassy weeds with pre- and post-emerge on-contact activity. Goal 2XL forms a chemical barrier on the soil surface, catching weeds as they emerge for up to 8 months. Goal 2XL delivers extra power in a user-friendly emulsifiable concentrate.

ACTIVE INGREDIENT

oxyfluorfen 22.3%

BENEFITS OF GOAL 2XL

- Pre- and post-emerge control, as a pre-emerge, Goal 2XL forms a soil-surface barrier to block weeds through direct contact at emergence
- Tried and tested gold standard herbicide with proven staying power and flexible application options
- Power in a user-friendly emulsifiable concentrate

KEY WEEDS CONTROLLED See label for complete list

Filaree, Florida pusley, lambsquarters, morningglory, pigweed, prickly sida, spurge

APPLICATION GUIDELINES

Apply to non-bearing citrus orchards only. Apply only as a directed spray to the orchard floor avoiding contact with citrus foliage.

Pre-emergence: Apply up to 6 pt/A for residual pre-emerge weed control

Post-emergence: Apply 2 to 6 pt/A. Highest use rates will control weeds up to 4 inches tall

Weeds greater than 4-leaf or 4 inches tall may be partially controlled. Use sufficient spray volume for complete and uniform coverage of weeds. Increase the spray volume with increased weed height and density to ensure complete coverage.

- Re-entry interval: 24 hours
- Maximum amount per acre per season: 6 pt/A

See label for complete directions for use.

GROUP 14 HERBICIDE

GoalTender®

STAY UNDEFEATED WITH GOALTENDER®.

GoalTender® Herbicide controls dozens of broadleaf and grassy weeds with pre- and post-emerge on-contact activity. GoalTender forms a chemical barrier on the soil surface, catching weeds as they emerge for up to 8 months. Water-based GoalTender allows for greater crop safety and application flexibility.

ACTIVE INGREDIENT

oxyfluorfen 41%

BENEFITS OF GOALTENDER

- Pre- and post-emerge control, as a pre-emerge, GoalTender forms a soil-surface barrier to block weeds through direct contact at emergence
- Tried and tested gold standard herbicide with proven staying power and flexible application options
- Water-based for performance on tender crops with low use rates and less environmental load

KEY WEEDS CONTROLLED See label for complete list

Filaree, Florida pusley, lambsquarters, morningglory, pigweed, prickly sida, spurge

APPLICATION GUIDELINES

Apply to non-bearing citrus orchards only. Apply only as a directed spray to the orchard floor avoiding contact with citrus foliage.

Pre-emergence: Apply up to 3 pt/A for residual pre-emerge weed control

Post-emergence: Apply 1 to 3 pt/A. Highest use rates will control weeds up to 4 inches tall

Weeds greater than 4-leaf or 4 inches tall may be partially controlled. Use sufficient spray volume for complete and uniform coverage of weeds. Increase the spray volume with increased weed height and density to ensure complete coverage.

- Re-entry interval: 24 hours
- Maximum amount per acre per season: 3 pt/A

See label for complete directions for use.

GROUP 14 HERBICIDE

Panther® XLR

THE POWER TO DO MORE.

Panther® XLR herbicide combines all labeled Panther SC and Tuscany® SC crops into one flexible label, bringing trusted performance to orchards, vineyards and other specialty crops. Pre-emergence control of more than 60 tough weeds with long-lasting residual. Its proven crop safety profile offers low leaching and volatilization potential.

ACTIVE INGREDIENT

flumioxazin 41.4%

BENEFITS OF PANTHER XLR

- Controls a broad spectrum of annual broadleaf and grass weeds, including most broadleaf weeds resistant to glyphosate
- Convenient liquid formulation makes mixing and loading faster and easier
- Offers long-lasting residual control to keep fields clean

KEY WEEDS CONTROLLED See label for complete list

Carpetweed, chickweed, coffee senna, dandelion, evening primrose, Florida beggarweed, hemp sesbania, henbit, jimsonweed, kochia, lambsquarters, marestail, mustard, nightshade, pigweed, puncturevine, shepherd's-purse, spurred anoda, Venice mallow, waterhemp, wild poinsettia

APPLICATION GUIDELINES

Apply as a uniform broadcast application to the orchard floor or as a uniform band directed at the base of the trunks.

Apply 6 to 12 fl oz/A as a preemergence to a weed-free soil surface or as a postemergence application to emerged weeds.

The addition of an adjuvant enhances the activity of this product on emerged weeds.

- Do not apply more than 24 fl oz/A during a single year
- Pre-harvest interval: 3 days

See label for complete directions for use.

GROUP M1 FUNGICIDE

ChampION++®

SMALLEST COPPER PARTICLES, MORE COMPLETE CONTROL.

ChampION++® Fungicide/Bactericide* has the smallest, most consistent copper ions (particles) of any WG copper formulation. The result: better coverage and better disease control. And, ChampION++ delivers all that with less environmental load than high dose copper products.

ACTIVE INGREDIENT

copper hydroxide 46.1% (30% metallic copper equivalent)

BENEFITS OF CHAMPION++

- Small particle size results in excellent coverage and disease protection
- Stable WG formula pours easily and disperses quickly
- High density copper product means lower use rates and smaller pack sizes
- Controls plant pathogenetic fungi and bacteria (non-public health bacteria)
- OMRI Listed® for use in organic crop production

KEY DISEASES CONTROLLED See label for complete list

Alternaria, citrus canker (suppression), greasy spot, melanose, scab

APPLICATION GUIDELINES

Alternaria Brown Spot: Apply at 1.75 to 3.5 lb/A to susceptible varieties on the first flush in the spring and every additional flush. Application to fruit should start after two-thirds of the petals have fallen. Repeat applications at 7 to 21 day intervals.

Citrus Canker (suppression): Apply 1.0 to 2.5 lb/A to fresh flushes 7 to 14 days after shoots begin to grow. Make an additional application to young fruit if needed. Make applications to each flush when disease pressure is severe.

Greasy Spot: Apply 0.75 to 2.5 lb/A in summer on new growth/flush. Repeat applications to new growth/flush when disease pressure is severe. Apply using the higher rates when conditions favor disease development.

Melanose and Scab: Apply 1.75 to 5.0 lb/A as a pre-bloom and post-bloom spray using the higher rates when conditions favor disease development.

- Re-entry interval: 48 hours
- Spray interval: 7 to 21 days

See label for complete directions for use.
*Non public health bacteria

GROUP M1 FUNGICIDE

Champ® Dry Prill

FIGHT DISEASES WITH CHAMP® DRY PRILL.

Champ® Dry Prill is an advanced copper formulation that delivers excellent disease control. It is the only dry prill copper available for no-dust mixing and handling.

ACTIVE INGREDIENT

copper hydroxide 57.6% (37.5% metallic copper equivalent)

BENEFITS OF CHAMP DRY PRILL

- Only dry prill copper product on the market – unique polymer process results in a virtually dust-free formula
- Unique adjuvants that enhance coverage and retention
- Mixes fast and easily

KEY DISEASES CONTROLLED See label for complete list

Alternaria, black spot*, citrus canker (suppression), greasy spot, melanose, scab

APPLICATION GUIDELINES

Alternaria Brown Spot: Apply 5.33 to 6.67 lb/A to susceptible varieties on the first flush in the spring and every additional flush. Application to fruit should start after two-thirds of the petals have fallen. Repeat applications at 7 to 21 day intervals.

Black Spot*: Apply 2.0 to 3.75 lb/A prior to or when disease symptoms first appear. Continue applications at 7 to 21 day intervals as needed. Use higher rates when conditions favor disease development. The minimum retreatment interval is 7 days.

Citrus Canker - Florida Specific (suppression): Apply 1.25 to 8.0 lb/A. Begin applications to protect new leaf flushes. Repeat at 14 to 21 day intervals, or every 7 days if needed. It is important to protect all subsequent leaf flushes throughout the year. Young fruit may require an additional application. Under dry conditions and low disease pressure, use 1.25 to 2.5 lb/A. Under wet conditions and high disease pressure, higher rates may be required (4.0 to 8.0 lb/A).

Greasy Spot: Apply 1.33 to 4.0 lb/A in summer on expanded new flush. Repeat on subsequent flushes at 7 day intervals when disease pressure is severe. Use the higher rates when conditions favor disease development.

Melanose and Scab: Apply 2.75 to 8.0 lb/A as pre-bloom and post-bloom sprays at weekly intervals.

- Re-entry interval: 48 hours
- Spray interval: 7 to 21 days

See label for complete directions for use.
*See 2(ee) label for complete directions for use.

GROUP M1 FUNGICIDE

Champ® Formula 2 Flowable

DON'T SETTLE FOR LESS.

Champ® Formula 2 Flowable is an advanced copper formulation that delivers excellent disease control. Developed with a small particle size, Champ Formula 2 Flowable stays in suspension longer, mixes easier in water and covers plants better to deliver superior protection.

ACTIVE INGREDIENT

copper hydroxide 37.5% (24.4% metallic copper equivalent)

BENEFITS OF CHAMP FORMULA 2 FLOWABLE

- Excellent control of key diseases
- Consistently ideal crystal size combined with state-of-the-art surfactants means Champ Formula 2 Flowable sticks better and performs better
- Long shelf life
- Pours and mixes easily – even after extended storage

KEY DISEASES CONTROLLED See label for complete list

Alternaria (suppression), citrus canker (suppression), greasy spot, melanose, scab

APPLICATION GUIDELINES

Alternaria Brown Spot (suppression): Apply 5.33 to 6.66 pt/A to susceptible varieties when the first spring flush appears and each flush thereafter. Application to the fruiting bodies should start after two thirds of the petals have fallen and be repeated on a 21 day schedule.

Citrus Canker - Florida Specific (suppression): Apply 1.25 to 8.0 pt/A. Begin applications to protect new leaf flushes. Repeat at 14 to 21 day intervals, or more often if needed. It is important to protect all subsequent leaf flushes throughout the year. Young fruit may require an additional application. Under dry weather conditions and low disease pressure, use 1.25 to 2.5 pt/A. Under conditions of wet weather and high disease pressure, higher rates may be required (4.0 to 8.0 pt/A).

Greasy Spot: Apply 1.33 to 4.0 pt/A. Use higher rates when conditions favor disease.

Melanose and Scab: Apply 2.66 to 8.0 pt/A. Depending on disease severity, apply as a pre-bloom and post-bloom spray.

- Re-entry interval: 48 hours
- Spray interval: 7 to 21 days

See label for complete directions for use.

GROUP M1 FUNGICIDE

Champ® WG

CONVENIENT AND EFFICIENT.

Champ® WG is an effective copper hydroxide formulation that is easy and efficient to use. As a water-dispersible granule, it provides surface area coverage and fungicidal protection. Plus, Champ WG won't clog equipment and allows more acres to be covered per day.

ACTIVE INGREDIENT

copper hydroxide 77% (50% metallic copper equivalent)

BENEFITS OF CHAMP WG

- Actively controls several disease causing fungi
- Multi-site mode of action
- Excellent rainfastness
- Resistance management for strobilurins and sterol-inhibitors
- OMRI Listed® for use in organic crop production

KEY DISEASES CONTROLLED See label for complete list

Alternaria (suppression), black spot, citrus canker (suppression), greasy spot, melanose, scab

APPLICATION GUIDELINES

Alternaria Brown Spot (suppression): Apply 4.0 to 6.3 lb/A to susceptible varieties when the first spring flush appears and each flush thereafter. Application to the fruiting bodies should start after two thirds of the petals have fallen and be repeated on a 7 to 21 day schedule.

Black Spot*: Apply 3.0 to 5.5 lb/A prior to or when disease symptoms first appear. Continue applications at 7 to 21 day intervals as needed. Use the higher rates when conditions favor disease development. The minimum retreatment interval is 7 days.

Citrus Canker (suppression): Spray 6.3 lb/A on canker flushes 7 to 14 days after shoots begin to grow. Young fruit may require an additional application. Number and timing of applications will be dependent upon disease pressure.

Greasy Spot: Apply 4.0 to 6.3 lb/A in summer on expanded new flush. Repeat on subsequent flushes if disease conditions are present.

Melanose and Scab: Apply 4.0 to 6.3 lb/A as pre-bloom and post-bloom sprays.

- Re-entry interval: 48 hours
- Spray interval: 7 to 21 days

See label for complete directions for use.
*See 2(ee) label for complete directions for use.

GROUP 4 FUNGICIDE

Ultra Flourish® XHL

PROTECT AND IMPROVE WITH HIGHER LOAD.

Ultra Flourish® XHL brings the power of mefenoxam in a higher-load formulation and provides protection across many crops against harmful soil-borne diseases caused by Pythium and Phytophthora species. Its systemic mode of action prevents spore production, inhibits mycelial growth of fungus and improves crop health and vigor.

ACTIVE INGREDIENT

mefenoxam 45.3%

BENEFITS OF ULTRA FLOURISH XHL

- 2X the strength as original Ultra Flourish for ease of application
- Highly active fungicide formulation
- Can be applied in combination with liquid fertilizers or saturated into dry fertilizers
- Excellent crop safety
- Provides efficient control of foliar and soil diseases in a wide variety of crops

KEY DISEASES CONTROLLED See label for complete list

Brown rot, citrus foot rot, gummosis, root rot, trunk canker

APPLICATION GUIDELINES

Broadcast: Apply 2 pt/A (2 to 4 pt/A California only) for resets or new plantings. Apply 1 to 2 pt/A (1 to 6 pt/A California only) for established plantings.

Chemigation: Apply 0.5 pt/grove A (0.5 to 1 pt/grove A California only) for resets or new plantings. Apply 0.5 to 1 pt/grove A for established plantings.

- Re-entry interval: 48 hours
- Pre-harvest interval: 0 days
- Retreatment interval: 90 days
- Maximum annual application rate: 12 pt/A

See label for complete directions for use.

GROUP 33 FUNGICIDE

Phostrol®

SYSTEMIC ACTIVITY FOR EFFECTIVE DISEASE CONTROL.

Phostrol® Agricultural Fungicide is one of the few phosphorous acids labeled as a fungicide. A neutral pH requires no buffering and allows integration with many other fungicides. These traits allow for compatibility in tank-mixes, making Phostrol an excellent fit for any disease management program.

ACTIVE INGREDIENT

mono- and di-basic sodium, potassium, and ammonium phosphites 53.6%

BENEFITS OF PHOSTROL

- Provides prevention and control of a broad spectrum of diseases
- Clear, virtually odorless formulation
- No buffer necessary

KEY DISEASES CONTROLLED See label for complete list

Phytophthora spp.

APPLICATION GUIDELINES

Foot, Root, and Brown Rot: Apply 4.5 pt/A as a dilute spray when conditions favor disease development and apply to run-off to make sure the foliage is thoroughly wet.

Foot Rot: Apply 2.5 to 5.0 pt/A with 5 gallons of water and apply directly to trunk lesions; use enough spray volume to thoroughly wet the lesions. In the absence of lesions, apply to the trunk from the soil line to about 2 feet up the trunk. Use the higher rate when lesions are present.

- Re-entry interval: 4 hours

See label for complete directions for use.

GROUP 41 FUNGICIDE

Mycoshield®

SHIELD CITRUS FROM HLB.

Although traditionally used to control fire blight in apples and pears and bacterial spot in peaches and nectarines, Mycoshield® has recently been approved for Huanglongbing (HLB), also known as Citrus Greening, suppression on citrus in Florida, Nevada, Texas and Arizona. Mycoshield contains calcium oxytetracycline, an antibiotic that can help the overall health of HLB infected citrus trees.

ACTIVE INGREDIENT

calcium oxytetracycline 17.7% (17% oxytetracycline equivalent)

BENEFITS OF MYCOSHIELD (Specific to HLB suppression)

- Improves overall health of infected citrus tree
- 40 day pre-harvest interval

KEY DISEASES CONTROLLED See label for complete list

HLB suppression (Section 3 approved for Florida, Nevada, Texas, Arizona citrus only)

APPLICATION GUIDELINES (Specific to HLB suppression)

Apply 1.5 lb (equivalent to 0.255 lb oxytetracycline free base) as a foliar spray using sufficient carrier volume to ensure complete coverage. Use with spray adjuvant, spreader sticking agent, or horticultural oil. Make first application at initiation of spring flush to suppress HLB titer and disease symptoms. Make a second application mid-summer (not less than 21 days after first application). Make a third application in late summer to reduce the incidence of HLB-induced fruit drop and to further suppress HLB titer and disease symptoms (not less than 21 days after second application).

- Do not apply more than 1.5 lb of product (0.255 lb oxytetracycline free base) per acre per application
- Do not apply more than 4.5 lb of product (0.77 lb oxytetracycline free base) per acre per year
- Maximum number of applications per year: 3
- Minimum retreatment interval: 21 days
- Do not apply within 40 days of harvest
- Use only the full-strength application rate
- Follow “Application Restrictions – All Uses” in Mycoshield supplemental label or container label registered for use on citrus

See the supplemental label for complete application restrictions and directions for use.

nufarm

nufarm.com/uscrop

© 2026 Nufarm. For specific application rates, directions, mixing instructions and precautions, read the product label. Please visit www.nufarm.com/uscrop to download a full label. Important: Always read and follow label instructions. OMRI Listed® is a trademark of Organic Materials Review Institute. Goal® and GoalTender® are registered trademarks of Nutrichem Co. Ltd.
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