

A GUIDE TO NUFARM SOLUTIONS POTATOES

Our line of crop protection products is designed to help your potato crops grow better. From preplant to post-harvest, count on Nufarm to protect your crop and your profits.

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Grow a better tomorrow

POTATO SOLUTIONS AT-A-GLANCE

		PRODUCT	RE-ENTRY INTERVAL	PRE-HARVEST INTERVAL
SEED TREATMENT	Blackleg, soft rot	Agri-Mycin® 50	N/A	N/A
	Aphids (green peach, potato), Co. potato beetle, flea beetles, hoppers, leafminers, psyllids, whiteflies	Elliptica™	N/A	N/A
	Suppression of dry rot, black scurf and stem canker, silver scurf	Salient™ 372 FS	N/A	N/A
	Decay, damping-off, and seedling blight caused by seed- and soil-borne fungi	Spirato® 480 FS	N/A	N/A
	Suppression of dry rot, black scurf and stem canker, silver scurf	ST-Methyl 540 FS	N/A	N/A
HERBICIDE/DESICCANT	Potato vine desiccation	Cheetah®	12 hours	9 days
	Potato vine desiccation	Nufarm Diquat 2L	24 hours	7 days
	Lambsquarters, mustard, nightshades, pigweeds, prickly lettuce, prickly sida, radish	Panther XLR	12 hours	N/A
	Control of many broadleaf and grassy weeds	Grapple®	4 hours	30 days
INSECTICIDE	Colorado potato beetles, Liriomyza leafminers, potato psyllids, spider mites	Abamex®	12 hours	14 days
	Aphids, Colorado potato beetles, flea beetles, leafhoppers, potato psyllids	Nuprid® 4F MAX	12 hours	7 days
	Armyworm, Colorado potato beetle, flea beetles, grasshoppers, potato tuberworm	Naxypro®	4 hours	14 days
	Armyworm, Colorado potato beetle, European corn borer, flea beetle, leafminers, loopers, thrips	Exsolant® XHL	4 hours	7 days
FUNGICIDE	Early and late blight, Colorado potato beetle suppression	Agri Tin® Flowable	48 hours	7 days
	Early and late blight, Colorado potato beetle suppression	Champ® Formula 2 Flowable	48 hours	0 days
	Early and late blight	Champion++®	48 hours	0 days
	Late blight, pink rot, Pythium leak, silver scurf	Phostrol®	4 hours	0 days
	Pink rot, Pythium leak, Pythium seedling disease	Ultra Flourish® XHL	48 hours	14 days

POTATO SOLUTIONS BY GROWTH STAGE

GROWTH STAGES	PLANTING (SEED TREATMENT)	BEFORE GROUND CRACK / HILLING	VEGETATIVE GROWTH	TUBER INITIATION	TUBER BULKING	MATURATION	POST HARVEST
PRODUCT	Agri-Mycin 50 Elliptica Exsolant Nuprid 4F MAX Salient™ 372 FS Spirato 480 FS ST-Methyl 540 FS Ultra Flourish XHL	Exsolant Grapple Naxypro Nuprid 4F MAX Tuscany SC	Abamex Exsolant Grapple Naxypro Nuprid 4F MAX	Abamex Agri Tin Flowable Champ Formula 2 Flowable Champion++ Exsolant Naxypro Nuprid 4F MAX Phostrol Ultra Flourish XHL	Abamex Agri Tin Flowable Champ Formula 2 Flowable Champion++ Exsolant Naxypro Nuprid 4F MAX Phostrol	Agri Tin Flowable Cheetah (desiccation) Nufarm Diquat 2L (desiccation) Phostrol	Phostrol

Agri-Mycin® 50

PROVEN BACTERICIDE FOR SEED PROTECTION.

Agri-Mycin® 50 is a protectant bactericide labeled for use on potato seed pieces. As a potato seed treatment, Agri-Mycin 50 delivers proven control over blackleg and soft rot. Combine Agri-Mycin with other fungicides, such as a dithiocarbamate active ingredient, to increase control of fungal diseases associated with potato seed pieces.

ACTIVE INGREDIENT

streptomycin sulfate 65.8% (equivalent to 50% streptomycin base)
(Group 25 fungicide)

BENEFITS OF AGRI-MYCIN 50

- Effective control against blackleg and soft rot
- Compatible with other fungicide products for increased spectrum of disease control

KEY DISEASES CONTROLLED See label for complete list

Blackleg, soft rot

APPLICATION GUIDELINES

Soak cut seed pieces in 100 ppm prepared solution for several minutes and plant as usual.

A suitable fungicide should be used as an adjunct to this treatment for the control of fungal diseases associated with potato seed pieces.

See label for complete directions for use.

Elliptica™

POWERFUL INSECT CONTROL AND IMPROVED PLANT HEALTH.

Elliptica™ gives growers a powerful, broad-spectrum tool for protection against early-season sucking, chewing, and other soil pest. Thiamethoxam is a systemic active ingredient that moves throughout the plant and stops pest from feeding within hours of consumption.

ACTIVE INGREDIENT

thiamethoxam (5 lb/gal) (600 g/L)

BENEFITS OF ELLIPTICA

- Easy season protection against insects
- Compatible with a broad range of standard seed treatments
- Systemic active ingredient
- Demonstrated vigor effect and improved plant health

KEY INSECTS CONTROLLED See label for complete list

Use Elliptica seed treatment to provide protection against injury from Colorado potato beetles, flea beetles, green peach aphids, leafhoppers, leafminers, potato aphids, psyllids, and whiteflies. Elliptica will also control wireworms that feed on the seed piece.

APPLICATION GUIDELINES

Select the appropriate Elliptica rate based upon the history of pest pressure in the region, the length of the growing season and your seeding rate.

See label for complete directions for use.

Salient™ 372 FS

POWERFUL PROTECTION FOR POTATO SEED.

Prevent disease with new Salient™ 372 FS Seed Treatment from Nufarm. Difenoconazole, the active ingredient in Salient, delivers excellent protection to potato seed against devastating early-season seed rots, root rots and damping-off.

ACTIVE INGREDIENT

difenoconazole 372 g/l (Group 3 fungicide)

BENEFITS OF SALIENT 372 FS

- Provides broad-spectrum disease control with low use rates
- Controls seed- and soil-borne diseases as listed on label
- Allows for reduced rates of fludioxonil
- Prevents resistance development
- Compatible formulation
- Convenient 1 gal container (4 per case), 15 gal and 250 gal package sizes

KEY DISEASES CONTROLLED See label for complete list

Dry rot (*Fusarium* spp.), black scurf and stem canker (*Rhizoctonia solani*), silver scurf (*Helminthosporium solani*)

APPLICATION GUIDELINES

Apply as a seed treatment at 0.103 fl oz of product per 100 lb of seed using standard slurry or mist-type seed treatment equipment.

Use Salient 372 FS in a tank mix with Spirato 480 FS (or equivalent fludioxonil product) to prevent or reduce the development of resistance to fludioxonil by *Fusarium* spp. that cause dry rot seed decay, seed-borne *Rhizoctonia* spp. that cause stem canker and tuber black scurf, and seed-borne *Helminthosporium solani* that causes silver scurf.

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

Spirato® 480 FS

PROTECT AND IMPROVE FOR THE STRONGEST START.

Spirato® seed treatment fungicide helps give potato crops the best shot at a strong, healthy stand. Spirato contains a proven active ingredient, fludioxonil, to prevent early-season damage from decay, damping-off, and seedling blight caused by seed-borne and soil-borne fungi.

ACTIVE INGREDIENT

fludioxonil 40.3% (Group 12 fungicide)

BENEFITS OF SPIRATO 480 FS

- Protects against decay, damping-off and blight for a strong start to help maximize yield potential
- Provides excellent protection at very low rates
- Low use rates allow room for other materials (such as inoculants) to be applied to the seed
- Excellent seed and crop safety
- Formulation compatible with other products in the slurry mixture
- Labeled for use on a wide variety of crops

KEY DISEASES CONTROLLED See label for complete list

Decay, damping-off, and seedling blight caused by seed-borne and soil-borne fungi

APPLICATION GUIDELINES

Apply at 0.08 to 0.16 fl oz of product per 100 lb of seed, propagating root, tuber material. Spirato 480 FS applications to potato seed pieces must be made only through specific types of equipment.

Please contact your Nufarm Americas seed treatment representative to obtain information on proper equipment for application.

See label for complete directions for use.

ST-Methyl 540 FS

PLANT PROTECTION STARTS WITH SEED PROTECTION.

ST-Methyl 540 FS gives growers economical early-season disease protection against dry rot, black scurf, stem canker and silver scurf in potatoes. ST-Methyl 540 FS protects during critical development stages to improve stands and yield. Plus, ST-Methyl 540 FS can help enhance the performance of other fungicides, especially for Rhizoctonia and Fusarium control.

ACTIVE INGREDIENT

thiophanate-methyl 540 g/l (Group 1 fungicide)

BENEFITS OF ST-METHYL 540 FS

- Offers economical, broad-spectrum disease protection
- Helps improve stands and encourages stronger, healthier roots
- Enhances performance of other fungicides in tough-to-control situations, especially for Rhizoctonia and Fusarium
- Proven chemistry worldwide
- Seed-safe formulation that mixes well with other seed protectants

KEY DISEASES SUPPRESSED See label for complete list

Dry rot (*Fusarium* spp.), black scurf and stem canker (*Rhizoctonia solani*), silver scurf (*Helminthosporium solani*)

APPLICATION GUIDELINES

Apply at 0.5 to 0.7 fl oz of product per 100 lb of seed pieces and ensure that cut seed pieces are thoroughly coated with ST-Methyl 540 FS.

For improved protection against the listed diseases that originate from surface infestations of potato seed pieces apply this product in combination with a product that is active on the targeted disease(s) and use a treatment following application to absorb liquid from the seed piece.

See label for complete directions for use.



SATISFACTION: CLEANER. QUICKER. CHEETAH®.

Cheetah® Herbicide offers outstanding potato vine desiccation activity. By enhancing natural senescence, Cheetah can help potatoes add bulk while vines desiccate, leading to larger, easier harvests. Cheetah also burns down weeds — even glyphosate-resistant species — fast.

ACTIVE INGREDIENT

glufosinate-ammonium 24.5% (Group 10 herbicide)

BENEFITS OF CHEETAH

- Complete desiccation that complements natural process
- Potatoes 'bulk up' during desiccation, leading to improved yield

APPLICATION GUIDELINES

Apply 21 fl oz/A once per season.

Apply in 20 to 100 gal/A of water to ensure thorough coverage.

Apply using nozzles and pressures that generate a medium (about 250 to 350 microns) spray droplet.

- Re-entry interval: 12 hours
- Pre-harvest interval: 9 days
- Maximum applications per harvest: 1*

See label for complete directions for use.

*Do not split applications.

Nufarm Diquat 2L

A BETTER CHOICE FOR A CLEANER HARVEST.

Nufarm Diquat 2L Herbicide provides desiccation of green plant material on contact, enabling faster, cleaner, more efficient harvest. Count on Diquat 2L for economical pre-harvest vine kill.

ACTIVE INGREDIENT

diquat dibromide 37.3% (Group 22 herbicide)

BENEFITS OF DIQUAT 2L

- Quick desiccation — fast-acting, non-selective, foliar-applied, plant desiccant and plant herbicide allows growers to plan harvest timing
- Rainfast 30 minutes after application
- Water-soluble formulation makes mixing simple
- No specialized equipment required — can be applied using conventional ground or aerial sprayers
- No harmful soil residues — use with an adjuvant

APPLICATION GUIDELINES

Apply 1 to 2 pints/A by ground or air according to the label for pre-harvest desiccation. Do not apply to potatoes that are drought stressed. Make a second application if necessary to obtain additional desiccation where vine growth is dense.

For improved vine coverage, a 5-day interval is recommended between applications.

- Re-entry interval: 24 hours
- Pre-harvest interval: 7 days
- Application rate: 1–2 pts/A
- Minimum total spray volume: 20 gals/A (ground), 5 gals/A (air)
- Maximum application rate per year: 4 pts/A

See label for complete directions for use.



Tuscany® SC

STAY WEED-FREE WITH THE POWER OF TUSCANY® SC.

Liquid Tuscany® SC Herbicide takes out more problem weeds with lasting residual control. Tuscany SC stays put; it won't leach or volatilize. Plus, it offers excellent rotational flexibility. Count on Tuscany SC for proven crop safety and dependable control even in challenging weather conditions.

ACTIVE INGREDIENT

flumioxazin 44.0% (4 lb per gallon) (Group 14 herbicide)

BENEFITS OF TUSCANY SC

- Suppresses 13 annual broadleaf and grass weeds
- Offers residual control for long-term activity on key weeds

KEY WEEDS CONTROLLED See label for complete list

Common lambsquarters, mustard (wild), nightshade (black, Eastern black, hairy), pigweed (Palmer amaranth, redroot, smooth, spiny amaranth, tumble), prickly lettuce, prickly sida, radish (wild)

APPLICATION GUIDELINES

Apply 1.5 fl oz/A to soil covered potatoes for pre-emergence weed suppression. Tuscany SC may be tank mixed with other labeled herbicides to increase spectrum of control. A minimum of 2 inches of settled soil must cover the vegetation portion of the potato plant. In areas with sprinkler irrigation, incorporate with 0.5 to 0.75 inches of irrigation after application and before any sprouts are within 2 inches of settled soil surface.

- Rainfast: 1 hour
- Maximum application rate: 1.5 fl oz/A
- Maximum application rate per year: 1.5 fl oz/A

See label for complete directions for use.



EXCELLENT WEED CONTROL FOR POTATOES.

Keep weeds under control with Grapple® Herbicide. Grapple delivers outstanding weed control on many crops, but it's designed with the unique challenges of potatoes in mind. Count on Grapple to knock down existing weeds and keep beds clean with lasting residual. Plus, Grapple is tank mix compatible with many pre-emergence herbicides for added weed control.

ACTIVE INGREDIENT

rimsulfuron 25.0% (Group 2 herbicide)

BENEFITS OF GRAPPLE

- Outstanding broad-spectrum pre- and post-emergence control of many weeds
- Formulated to deliver excellent results and labeled for use on a wide range of crops, including potatoes
- Long-lasting residual control

KEY WEEDS CONTROLLED See label for complete list (*partial control)

Pre-emergence: Barnyardgrass, chamomile, cocklebur*, crabgrass*, filaree, foxtail, henbit, kochia, lambsquarters (common), mustard, nightshade*, pigweed, purslane, ragweed, velvetleaf*, wheat, wild oats*

Post-emergence: Barley, barnyardgrass, bluegrass, cocklebur*, crabgrass, foxtail, henbit, johnsongrass (seedling), kochia, lambsquarters (common*), millet (wild proso*), morningglory (ivyleaf*), mustard, nightshade (hairy*), panicum, pigweed, quackgrass*, ragweed (common*), stinkgrass*, wheat, wild oat*, wild radish

APPLICATION GUIDELINES

Pre-emergence: Apply at 1 to 1.5 oz/A immediately after hilling, drag-off or reservoir tillage (dam/dike operation) to a clean, newly prepared seedbed.

Post-emergence: Apply at 1 to 1.5 oz/A to young, actively growing weeds after crop emergence. Typically, small weeds (less than 1 inch in height or diameter) that are actively growing at application are most easily controlled.

- Rainfast: 4 hours
- Pre-harvest interval: 30 days
- Maximum application rate per year: 2.5 fl oz/A

See label for complete directions for use.



TARGET MITES AND OTHER TOUGH PESTS.

For years, abamectin has provided growers with a powerful tool to protect crops against leafminers, mites, psyllids, Colorado potato beetles and other pests. Now, new Abamex® packages that power in a low-volatility, water-based formulation. Abamex starts working quickly to affect pests within hours of exposure. Its translaminar activity means it protects the entire leaf, inside and out. And, selective chemistry makes it a useful rotation partner for resistance management programs.

ACTIVE INGREDIENT

abamectin 2.0% (Group 6 insecticide)

BENEFITS OF ABAMEX

- Control mites and leafminers, Colorado potato beetles
- Controls potato psyllids that vector diseases such as zebra chip
- Flexible application timing in an easy-to-use, low-volatility liquid formulation

KEY INSECTS CONTROLLED See label for complete list

Colorado potato beetles, Liriomyza leafminers, potato psyllids, spider mites

APPLICATION GUIDELINES

Apply 8 to 16 fl oz/A using conventional ground or aerial application*. Apply when mites and adult leafminer flies first appear. Use sufficient volumes of water to ensure thorough foliage coverage.

If needed, a second application may be made but allow at least 7 days between applications.

- Re-entry interval: 12 hours
- Pre-harvest interval: 14 days
- Spray interval: 7 days
- Maximum application rate per year: 32 fl oz/A for spider mites and Colorado potato beetle, 48 fl oz/A for leafminers

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

*Do not apply by air in New York state.

Exsolant® XHL

EXPAND YOUR OPTIONS FOR EFFECTIVE BROAD ACRE 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 yield-biting pests such as armyworm, codling moth, leafminers and thrips while preserving beneficial insects. Gain residual activity and a fast, four-hour re-entry interval. Formulated for broad acres crops, the natural choice is Exsolant XHL.

ACTIVE INGREDIENT

spinosad 44%, 4 lb/gal

BENEFITS OF EXSOLANT

- Natural and highly active
- Higher loaded AI formulation (4 lb/gal vs Blackhawk® SC 2.9 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

Armyworm, Colorado potato beetle, European corn borer, fleabeetle, leafminers, loopers, thrips

APPLICATION GUIDELINES

Application Rate: Apply as a foliar spray at the labeled rate specified to control target pests. Use a higher rate in the rate range for larger larvae or heavier infestations. Heavy infestations may require repeat applications but follow resistance management guidelines.

Application Timing: For determining when to treat, scout with enough regularity to monitor the population size of each of the labeled pests. Treat when pests appear, targeting eggs at hatch or small larvae. When plants are growing rapidly, repeat applications may be necessary to protect new foliage.

See label for complete directions for use.

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 plant quality and protect yield through quick activity, just minutes after contact, while remaining soft on beneficials.

ACTIVE INGREDIENT

chlorantranilprole (1.69 lb/gal) (Group 28 insecticide)

BENEFITS OF NAXYPRO

- Optimal IPM program tool where pollinators are a concern
- Residual control of up to 21 days with a foliar application or longer with a drip application
- Flexible application options including soil, chemigation or foliar at any stage

KEY PESTS CONTROLLED See label for complete list

Armyworm, Colorado potato beetle, European corn borer, grasshoppers, potato tuberworm

APPLICATION GUIDELINES

Apply 4 to 5 fl oz/A for grasshoppers; up to 6 fl oz/A for all other listed pests. When used in combination with another fungicide registered for disease control on potatoes, a 3 fl oz rate may be employed.

Ground (Closed Cabs Only): Apply in at least 15 gallons of water.

Aerial: Apply in 5 to 10 gallons of water.

Chemigation: Diluted spray should be directed uniformly to all parts of the plant and the gallonage increased according to the size of the plants. Application should begin with the appearance of blight weather conditions and continue on a 7-day schedule.

- Re-entry interval: 4 hours
- Pre-harvest interval: 14 days
- Re-treatment interval: 5 days
- Maximum application rate per year: 15.4 fl oz/A

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

Nuprid® 4F MAX

PROVEN, BROAD-SPECTRUM INSECT CONTROL.

Nuprid® 4F MAX systemic insecticide provides lasting broad-spectrum control. Labeled for soil, foliar or seed piece application, they offer outstanding control of aphids, Colorado potato beetles, leafhoppers and many other piercing and sucking pests.

ACTIVE INGREDIENT

imidacloprid 40.4% (Group 4A insecticide)

BENEFITS OF NUPRID

- Selective control of Colorado potato beetles, flea beetles and key piercing/sucking insects
- Expanded label allows for soil, foliar or seed piece application
- Helps stop transmission of many insect vectored diseases
- Readily mixes with other tank-mix partners

KEY INSECTS CONTROLLED See label for complete list

Aphids, Colorado potato beetles, flea beetles, leafhoppers, potato psyllids

APPLICATION GUIDELINES

For soil application, apply Nuprid 4F MAX at 0.45 to 0.65 fl oz/1,000 row-feet in one of the following methods: 1) in-furrow spray during planting directed on seed pieces; 2) subsurface side-dress on both sides of the row covered with 3 or more inches of soil; 3) narrow band spray at ground cracking directly over the row during hilling covered with 3 or more inches of soil; 4) narrow band directly below the eventual seed row in a bedding operation 7 or fewer days before planting. For foliar application, apply Nuprid 4F MAX at 1.5 fl oz/A. Nuprid 4F MAX may also be applied as a seed treatment, see labels for complete directions.

- Pre-harvest interval: 7 days
- Spray interval: 7 days
- Maximum application rate per year:
Nuprid 4F MAX: 10 fl oz/A soil application; 6.4 fl oz/A foliar application

See label for complete directions for use.



Agri Tin® Flowable

PROVEN DISEASE CONTROL.

Agri Tin® Flowable Fungicide gives growers a superior choice in protectant fungicides. The advanced tin formulation is easy to use, efficacious in the field and offers resistance management when used in integrated disease control programs.

ACTIVE INGREDIENT

triphenyltin hydroxide 40% (Group 30 fungicide)

BENEFITS OF AGRI TIN FLOWABLE

- Actively controls several disease causing fungi
- Multi-site mode of action
- Resistance management for strobilurins and sterol-inhibitors
- Suppression of Colorado potato beetle

KEY DISEASES CONTROLLED See label for complete list

Early and late blight + Colorado potato beetle suppression

APPLICATION GUIDELINES

Apply 4 to 6 fl oz/A. When used in combination with another fungicide registered for disease control on potatoes, a 3 fl oz rate may be employed.

Ground (Closed Cabs Only): Apply in at least 15 gallons of water.

Aerial: Apply in 3 to 10 gallons of water.

Chemigation: Diluted spray should be directed uniformly to all parts of the plant and the gallonage increased according to the size of the plants.

Application should begin with the appearance of blight weather conditions and continue on a 7-day schedule.

- Re-entry interval: 48 hours
- Pre-harvest interval: 7 days
- Spray interval: 7 days
- Maximum application rate per year: 4 lb/gal
- Maximum rate per application: 6 fl oz/A

Agri Tin® Flowable is a Restricted-Use Pesticide. Always read and follow label directions. See label for complete directions for use.

Champ® Formula 2 Flowable

DON'T SETTLE FOR LESS.

Champ® Formula 2 Flowable Fungicide 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)
(Group M1 fungicide)

BENEFITS OF CHAMP FORMULA 2 FLOWABLE

- Excellent control of key diseases
- Uniformly optimized crystal size combined with state-of-the-art surfactants means Champ Formula 2 Flowable provides excellent leaf coverage and performs better
- Long shelf life
- Pours and mixes easily – even after extended storage

KEY DISEASES CONTROLLED See label for complete list

Early and late blight + Colorado potato beetle suppression

APPLICATION GUIDELINES

Apply 0.66 to 2.66 pints/A. Apply at 5 to 10 day intervals starting when plants are 6 inches high. Apply the lower rate in those locations where disease is light and the higher rate where disease is severe.

- Re-entry interval: 48 hours
- Spray interval: 5 days
- Maximum application rate per year: 69 pts/A

See label for complete directions for use.

ChampION⁺⁺

SMALLEST COPPER PARTICLES, MORE COMPLETE CONTROL.

ChampION⁺⁺ Fungicide/Bactericide has the smallest, most uniform copper particle distribution 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)
(Group M1 fungicide)

BENEFITS OF CHAMPION⁺⁺

- Small particle size results in excellent coverage and disease protection
- Stable WG formula pours easily and disperses quickly
- High bioavailability copper product means lower use rates and smaller pack sizes
- OMRI Listed[®] for organic crop production

KEY DISEASES CONTROLLED See label for complete list

Early and late blight

APPLICATION GUIDELINES

Apply 0.5 to 1.75 lbs/A starting when plants are 2 to 6 inches high. Apply the lower rate in those locations where disease is light and the higher rate where disease is severe. Tank mixing this product with other registered potato fungicides will improve disease control under severe disease conditions.

- Re-entry interval: 48 hours
- Spray interval: starting at 5-10 days
- Maximum application rate per year: 83.3 lbs/A

See label for complete directions for use.

Phostrol[®]

SYSTEMIC ACTIVITY FOR EFFECTIVE DISEASE CONTROL.

Phostrol[®] Agricultural Fungicide is a phosphorous acid 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. Phostrol applied post-harvest (as potatoes are going into storage) provides effective control of pink rot, late blight and silver scurf.

Consult your crop protection retailer or Nufarm sales representative for more information on setting up a post-harvest application system.

ACTIVE INGREDIENT

mono- and di-basic sodium, potassium, and ammonium phosphites 53.6%
(Group 33 fungicide)

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

In-furrow application: (storage rot disease): Pink rot, Pythium leak

Foliar application: Late blight + (storage rot disease): Pink rot, Pythium leak

Post-harvest: Late blight, pink rot, silver scurf*

APPLICATION GUIDELINES

Apply first foliar application when tubers are dime size, with subsequent applications at 14 day intervals as needed.

For post-harvest disease control, apply 12.8 fl oz of this product in a total spray volume at 64 fl oz/T of tubers.

- Re-entry interval: 4 hours
- Spray interval: 4 days

See label for complete directions for use.

*Not registered for use in California.

Ultra Flourish® XHL

PROTECT AND IMPROVE.

Ultra Flourish® XHL protects potato crops from harmful soil diseases caused by Pythium and Phytophthora species. Ultra Flourish XHL's systemic mode-of-action prevents spore production and inhibits mycelial growth of fungus and improves crop health and vigor.

ACTIVE INGREDIENT

mefenoxam (45.3%) (4 lb per gallon) (Group 4 fungicide)

BENEFITS OF ULTRA FLOURISH

- Highly active fungicide formulation with excellent crop safety
- Can be applied in combination with liquid fertilizers or impregnated onto dry fertilizers
- Provides efficient control of soil, foliar and storage rot diseases

KEY DISEASES CONTROLLED See label for complete list

In-furrow application: Pythium seedling disease, pink rot, Pythium leak

Control of storage rot: Pink rot, Pythium leak

APPLICATION GUIDELINES

In-furrow application: Apply to row on a 6- to 8-inch band at planting in a minimum of 3 gal of water per acre. Make application directly over the seed pieces prior to row closure.

Control of storage rot: Make foliar applications beginning at flowering and repeat after 14 days. Make a third application 14 days after the second application to fields that have a history of storage rot. Tank mix this product with chlorothalonil or mancozeb when conditions favor foliar disease outbreaks.

- Re-entry interval: 48 hours
- Pre-harvest interval: 14 days
- Maximum annual soil application rate for potato: 0.34 lb ai/A
- Maximum annual foliar application rate for potato: 0.4 lb ai/A

See label for complete directions for use.



We're Growing Too.

Our crop protection portfolio is better than ever. With additions including OMRI Listed® ChampION⁺⁺, we can deliver more options for your business to grow, too. And, as always, we back all of our products with the knowledge, service and support you've come to know from Nufarm.



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Abamex® and Agri Tin® Flowable are Restricted-Use Pesticides.

©2026 Nufarm. For specific application rates, directions, mixing instructions, read the product label. Please visit www.nufarm.com/uscrop to download a full label. Important: Always read and follow label instructions. *Blackhawk® SC is a registered trademark of Corteva Agriscience LLC. OMRI Listed® is a trademark of Organic Materials Review Institute.
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