

# UPL ALMOND PORTFOLIO

Innovative solutions that deliver maximum performance and value



At UPL, our portfolio of innovative solutions for the almond market is growing. Our goal is to always provide broader choice and greater value, with advanced products and customized solutions to meet the needs of each grower. We invite you to review our expanded portfolio of proven fungicides, bactericides, insecticides, miticides and herbicides that deliver exceptional performance and value.

## CUPROFIX® ULTRA 40 DISPERSS®

CUPROFIX ULTRA 40 DISPERSS Fungicide (FRAC M1) is an option for bacterial blast control in sprinkler system orchards. A fixed copper sulfate, CUPROFIX ULTRA has a unique DISPERSS formulation that mixes easily and completely in the tank, for more greater and more consistent surface contact. It can also be tank-mixed with other labeled fungicides for broader-spectrum control.

## ELEVATE®

ELEVATE Fungicide (FRAC 17) provides locally systemic activity and is excellent at controlling *Monilinia* spp., brown rot, blossom blight and twig blight. Apply early in the disease life cycle starting at pink bud through petal fall.

## MANZATE® PRO-STICK™

MANZATE PRO-STICK Fungicide (FRAC M3) provides advanced formulation technology in the fight against key diseases such as anthracnose, rust and scab. A market-leading, multi-site, protectant fungicide, MANZATE PRO-STICK has effectively been used for decades without a reported incident of resistance, making it a standard in almost any disease management program.

## MICROTHIOL® DISPERSS®

MICROTHIOL DISPERSS Fungicide (FRAC M2) combines sulfur and science to deliver excellent efficacy in a superior formulation for brown rot, rust and leaf spot control, even suppressing mites. A patented micronized formulation process ensures a more consistent spray coverage and greater surface contact than other sulfur products.

## ORANIL®

ORANIL Fungicide (FRAC M5) is extremely effective at delaying the production of primary almond scab inoculum when mixed with an agricultural oil and applied as a dormant treatment. An early preventative treatment allows for more effective in-season treatments of scab and other summer diseases. In season, ORANIL is effective on anthracnose, shot hole and blossom blight/brown rot.

## PH-D®

PH-D Fungicide (FRAC 19) is a broad-spectrum fungicide that offers a high degree of control of anthracnose, Alternaria, brown rot, Rhizopus hull rot and scab. Its 0-day pre-harvest interval and 4-hour REI make it an excellent option for disease management sprays close to harvest. The only product in FRAC group 19 makes PH-D an important resistance management tool.

## ZIRAM® 76DF

ZIRAM 76DF Fungicide (FRAC M3) is a broad-spectrum, multi-site fungicide that controls multiple diseases that can occur at the same time such as anthracnose, shot hole, scab and Alternaria. ZIRAM 76DF is a high quality, non-phytotoxic formulation with excellent tank-mix characteristics designed to expand your disease control spectrum even further.

## KASUMIN®

KASUMIN Bactericide (FRAC 24), now approved under Section 18 use, is the newest option for bacterial blast control, suppressing pathogen growth before the disease can spread. Apply when conditions favor disease development from bud break through petal fall. Its unique site of activity makes it the only bactericide in Group 24 and a very effective resistance management tool.



## ASSAIL®

**ASSAIL Insecticide** (IRAC 4A) is an effective choice for peach twig borer control. With its translaminar activity, ASSAIL performs more like a systemic insecticide, providing weeks of control. ASSAIL has also been recognized as a bee-friendly product when good application stewardship is followed.

## ACRAMITE®

**ACRAMITE Miticide** (IRAC 20D) is the cornerstone of your season-long mite protection plan. It offers quick knockdown and long residual control of mites at all life stages, while going easy on predator mites and beneficials. With the power to attack spider mites at all life stages, and with more than 15 years of real-world results, ACRAMITE is an important tool in your rotation.

## DIMILIN®

**DIMILIN 2L Insect Growth Regulator** (IRAC 15) starts the season with long residual control of pests like peach twig borer (PTB) in almonds. For young trees, a single application, in combination with a foliar nutrition spray, will protect young almond shoots against PTB infestations until hull split.

## ENKOUNTER™

**ENKOUNTER Insecticide** (IRAC 18, 4A) is newly registered by the EPA and is the newest option available for control of navel orangeworm (NOW) and peach twig borer (PTB). ENKOUNTER works primarily through insect ingestion but has contact activity as well. A perfect fit for IPM programs, ENKOUNTER can be an important part of an effective NOW and PTB management program. *Please check your state for registration status.*

## KANEMITE®

**KANEMITE Miticide** (IRAC 20B) offers exceptional control of key mite species in almonds. This powerful miticide delivers rapid knockdown and long-lasting residual activity on two-spotted, Willamette and Pacific spider mites while going easy on predator mites and beneficials. Its unique active ingredient, acequinocyl, also makes KANEMITE an ideal member of your resistance management program.

## OMITE®

**OMITE Miticide** (IRAC 12C) offers swift relief from mites in almonds. OMITE provides fast and powerful knockdown of European red, two-spotted spider and Pacific spider mites at all life stages while allowing for great coverage everywhere these pests like to hide. OMITE is also rainfast for lasting control and is an excellent rescue treatment.

## VENDEX®

**VENDEX 50 WP Miticide** (IRAC 12B) is an effective rotational miticide with an alternative mode of action for control of two-spotted, hickory and Pacific spider mites and European red mites.

## VIGILANT®

**VIGILANT Miticide** (IRAC 20D) provides outstanding protection from spider mites at all life stages, with rapid knockdown and long residual control of a wide range of mites. VIGILANT has a short, 7-day pre-harvest interval — and a reputation for going easy on predator mites and beneficial insects.

## ZYLO®

**ZYLO Insecticide** (IRAC 18) provides superior control of damaging lepidoptera pests in almonds, including peach twig borer and navel orangeworm. As an insect growth regulator, ZYLO won't disrupt beneficial insects, mites or pollinators.

## LIFELINE®

**LIFELINE Herbicide** (HRAC 10) is a non-selective, post-emergent herbicide that provides broad-spectrum weed control of some of the most challenging weeds, including glyphosate-resistant marestail, hairy fleabane, malva and filaree. Its unique mode of action makes LIFELINE an excellent choice when developing your overall weed resistance management strategy.

## SATELLITE® HYDROCAP

**SATELLITE HydroCap Herbicide** (HRAC 3) provides a new option in pre-emergent control of grasses and small-seeded broadleaf weeds like pigweed, lambsquarter, waterhemp and velvetleaf. A newly developed and patent-pending encapsulation method provides a stable formulation for improved shelf life and excellent mixing characteristics.

For more information about the portfolio of solutions for almonds, talk to your consultant, local UPL representative or retailer, call **1-866-761-9397** or visit [upl-ltd.com/us](http://upl-ltd.com/us).



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