

UPL WALNUT PORTFOLIO

Innovative solutions that deliver maximum performance and value

At UPL, our portfolio of innovative solutions for the walnut 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 a market-leading fixed-copper sulfate used for the control of walnut blight. Its unique DISPERSS formulation easily and completely mixes in the tank, which results in more consistent coverage and greater surface contact. Tank mix with MANZATE Fungicide for optimized disease control.

MANZATE® PRO-STICK™

MANZATE PRO-STICK Fungicide (FRAC M3) provides advanced formulation technology in the fight against walnut blight. A market-leading, multi-site protectant fungicide, MANZATE PRO-STICK has been used effectively for decades without an incident of resistance. Tank mix MANZATE PRO-STICK with a copper such as CUPROFIX ULTRA DISPERSS, or with a bactericide such as KASUMIN. MANZATE is also available in a liquid formulation.

MICROTHIOL® DISPERSS®

MICROTHIOL DISPERSS (FRAC M2) is a fungicide that actually works on mites. For lower populations of two-spotted, Pacific and almond mite, add MICROTHIOL DISPERSS to your miticide portfolio rotation. Do not apply unless varieties are known to be tolerant to sulfur.

KASUMIN®

KASUMIN Bactericide (FRAC 24) offers effective control of walnut blight, including copper-resistant strains. KASUMIN features a unique site of activity and is the only bactericide in Group 24, making it an effective tool in your resistance management plan. KASUMIN is locally systemic in green tissue, increasing efficacy and rainfastness. Tank mix with MANZATE Fungicide for optimized disease control.

ASSAIL®

ASSAIL Insecticide (IRAC 4A) is the leading go-to product for control of codling moth and husk fly in walnuts. ASSAIL is a standard recommendation by leading universities when it comes to controlling these two key pests and is trusted by walnut growers across California. 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.

BIFENTURE®

BIFENTURE Insecticide (IRAC 3A) is one of the most widely used insecticide/miticide products on the market — a second-generation pyrethroid that offers a high level of quality, consistency and effectiveness at an economical cost per acre. With its excellent contact and residual activity, BIFENTURE controls a wide spectrum of insects and mites in walnuts including codling moth, husk fly and spider mites.



DIMILIN®

DIMILIN Insect Growth Regulator (IRAC 15) starts the season with economical, long residual control of pests like codling moth in walnuts. An insect growth regulator, DIMILIN interferes with chitin deposition, preventing immature insects from growing into adult pests. And DIMILIN is soft on beneficial insects and predatory mites, decreasing the likelihood of secondary outbreaks or mite flare-ups.

ENKOUNTER™

ENKOUNTER Insecticide (IRAC 18, 4A) is the new EPA-registered option available for control of codling moth in walnuts. 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 a codling moth insect management program. *Please check your state for registration status.*

LAMBDA-CY®

LAMBDA-CY Insecticide (IRAC 3) is a third-generation pyrethroid, highly versatile against a wide spectrum of insects. This trusted formulation provides quick knockdown and excellent residual control. And with relatively low application rates, it's one of the more cost-effective options on the market today.

ZYLO®

ZYLO Insecticide (IRAC 18) provides superior control of codling moth, navel orangeworm and fall webworm. As an insect growth regulator, ZYLO won't disrupt beneficial insects, mites or pollinators in many crops.

ACRAMITE®

ACRAMITE Miticide (IRAC 20D) is the cornerstone of your season-long mite protection plan. With the power to attack spider mites at all life stages and a proven track record, ACRAMITE is an important tool in your rotation. It offers quick knockdown and long residual control of mites, while going easy on predator mites and beneficials.

KANEMITE®

KANEMITE Miticide (IRAC 20B) offers exceptional control of key mite species in walnuts. 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. Additionally, its unique active ingredient, acequinocyl, makes KANEMITE an ideal member of your resistance management program.

OMITE®

OMITE Miticide (IRAC 12C) offers swift relief from mites in walnuts. Using its unique active ingredient and fuming action, OMITE provides fast and powerful knockdown of European red and two-spotted 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 throughout the year.

VIGILANT®

VIGILANT Miticide (IRAC 20D) provides outstanding knockdown and long-lasting protection from spider mites at all life stages. VIGILANT has a short, 7-day pre-harvest interval and a reputation for going easy on predator mites and beneficial insects.

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 marehail, hairy fleabane, malva and filaree. Using a unique mode of action, LIFELINE inhibits glutamine production in the weeds which leads to a breakdown in photosynthesis. This makes LIFELINE an excellent choice when developing your overall weed resistance management strategy.

MOTIF™

MOTIF Herbicide (HRAC 27) provides the flexibility of pre- and post-emergent application timings to control a wide range of broadleaf weeds. Classified as a HPPD herbicide, MOTIF offers an alternative mode of action in the battle against resistance and provides the versatility of flexible application timing and excellent crop safety.

SATELLITE® HYDROCAP

SATELLITE HydroCap Herbicide (HRAC 3) provides a new option in pre-emergent weed control. Our newly developed and patent-pending encapsulation method provides a stable formulation for improved shelf life and excellent mixing characteristics. SATELLITE delivers excellent control of grasses and troublesome small-seeded broadleaf weeds such as pigweed, lambsquarter, waterhemp and velvetleaf before they even emerge.

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



BIFENTURE, DIMILIN, OMITE and LAMBDA-CY are restricted-use pesticides. Always read and follow label directions. ASSAIL is a registered trademark of Nippon Soda Company, Ltd. KANEMITE is a registered trademark of Agro-Kanesho Company, S.A. KASUMIN is a registered trademark of Hokko Chemical Industry Co., Ltd. UPL, the UPL logo, OpenAg and all other products are trademarks of a UPL Corporation Limited Group Company. ©2020 UPL Corporation Limited Group Company. SPC-1929B