



ALMOND PORTFOLIO

This guide outlines use of UPL Australia products to give you the best chance of maximising your almond crop production. Seasonal and local conditions, and other management factors, can impact the final outcome.

FASCINATE® DRY

FIST® HYDROCAP

ACRAMITE®

SHENZI®

ZEBA®

DITHANE® RAINSHIELD®

PENNCOZEB®

CUPROFIX®

AFFIX®

CONAN® STICKS

POLLINUS®

GAXY®



www.upl-ltd.com/au



1

CONDITIONING THE SOIL FOR TREE PLANTING



ZEBA

SOIL CONDITIONER

PATENTED GRANULAR SOIL CONDITIONER

ZEBA®

Starch g-poly

Soil conditioner

Rate: 1–2 tbsp (0.5–14g)
@ planting

Activity: Super hydrating granules – aiding water retention

IDEAL PLANTING COMPANION

- reduces plant water stress
- more consistent plant size as they grow
- superior moisture retention capacity compared to Peat, Coir, or other materials
- compatible with fertilisers

Application:

Place half the ZEBA in the planting hole & mix the other half in the back fill soil, ensuring the ZEBA is below & near the tree root system

ZEBA – INCREASING PLANT AVAILABLE WATER

Made from cornstarch, ZEBA granules act similarly to a sponge, absorbing 400 times its volume in water, forming a hydrogel that slowly releases moisture as the plant needs it.

ZEBA keeps the moisture near the plants root zone where it is needed most and has the capability to hold and release water continuously through gradient differential changes.

In conjunction to its water retention capabilities ZEBA has a high cation exchange capacity > 200 cmol/kg, allowing it to work in improving soil aggregation, bulk density and porosity where it is applied.

These factors allow young trees to flourish especially in low rainfall areas.





	FASCINATE 280	HERBICIDE APPLICATION
	FASCINATE DRY	
	FIST HYDROCAP	

PRE-EMERGENT CONTROL

FIST® HYDROCAP

pendimethalin 456g/L

- ✓ pre-emergent annual grasses
- ✓ small seeded broadleaf weeds

Pre-emergent control option for your orchard:

- can be tank mixed with a knockdown
- controls wireweed & annual grasses
- controls annual ryegrass
- controls some broadleaf weeds
- NO withholding period

Group 3 Herbicide

Rate: 6.5L/ha + Simazine @ 800g a.i./ha OR
8.7L/ha + Simazine @ 1kg a.i./ha

WHP: Nil



BROAD SPECTRUM CONTROL

FASCINATE® DRY

glufosinate-ammonium 500g/kg

- ✓ annual grasses
- ✓ perennial grasses
- ✓ broadleaf weeds

Ideal for almond orchards:

- superior tree safety
- minimal uptake through the lignified parts of woody plants
- broad-spectrum weed control
- controls some of the most challenging weeds
- ideal rotational partner for resistance management

Group 10 Herbicide

Rate: 400g–2kg/Ha*

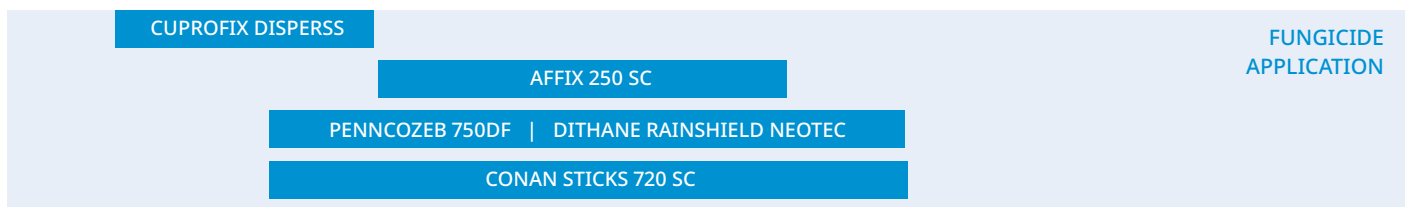
Non-selective, post-emergent, broad-spectrum herbicide

GO DRY – IT'S EASY!

- High strength soluble granules
= no drums & less product to handle
- Superior surfactant technology
= low foam formulation
- Highly compatible
= excellent tank mix partner

3

MANAGING FUNGAL DISEASES



LEAF CURL

CUPROFIX® DISPERSS®*

Tribasic copper sulphate 200g/kg

Group M1 Fungicide

Rate: 500g/100L

WHP – nil

ANTHRACNOSE

AFFIX® 250SC*

Azoxystrobin 250g/L

Group 11 Fungicide

Rate: 1.1 L/Ha

WHP – 4 weeks

BROWN ROT (BLOSSOM BLIGHT)

PENNCOZEB® 750DF*

Mancozeb 750g/kg

Group M3 Fungicide

Rate: 150–200 g/100L

WHP – 14 days

DITHANE® RAINSHIELD® NEOTEC®*

Mancozeb 750g/kg

Group M3 Fungicide

Rate: 150–200 g/100L

WHP – 14 days

The premium mancozeb formulation

**Always read the label and follow the label directions in full before any application*

SHOT HOLE

CONAN® STICKS 720SC¹*

Chlorothalonil 720g/L

Group M5 Fungicide

Rate: 160 ml/100L

WHP – nil

PENNCOZEB® 750DF*

Mancozeb 750g/kg

Group M3 Fungicide

Rate: 150–200 g/100L

WHP – 14 days

DITHANE® RAINSHIELD® NEOTEC®*

Mancozeb 750g/kg

Group M3 Fungicide

Rate: 150–200 g/100L

WHP – 14 days

The premium mancozeb formulation

¹ registered for use NSW, VIC, SA, WA & TAS

[^] Not to be used on crops destined for export

RUSTS

CONAN® STICKS 720SC¹*

Chlorothalonil 720g/L

Group M5 Fungicide

Rate: 160 ml/100L

WHP – nil

✓ Stone fruit rust

PENNCOZEB® 750DF*

Mancozeb 750g/kg

Group M3 Fungicide

Rate: 150–200 g/100L

WHP – 14 days

✓ Freckle rust

DITHANE® RAINSHIELD® NEOTEC®*

Mancozeb 750g/kg

Group M3 Fungicide

Rate: 150–200 g/100L

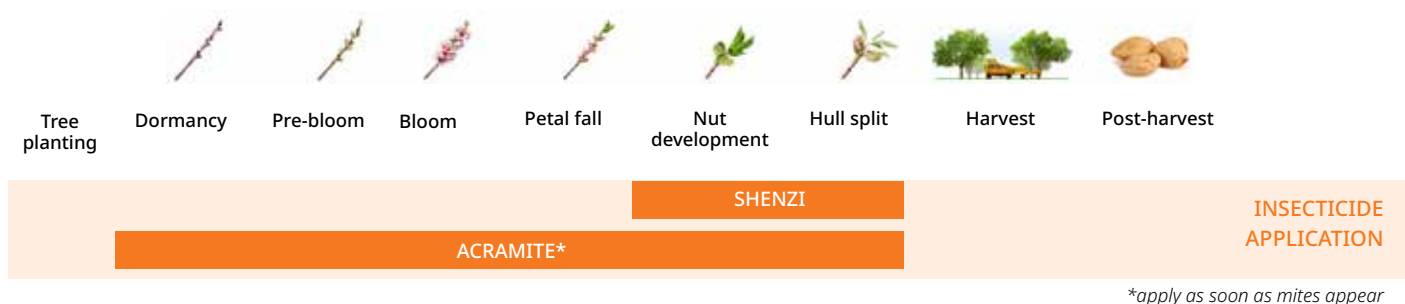
WHP – 14 days

✓ Freckle rust

The premium mancozeb formulation

4

IPM FRIENDLY PEST MANAGEMENT



CAROB MOTH CONTROL

SHENZI®

Chlorantraniliprole 400g/L

Group 28 Insecticide

Rate: 16ml/100L + non-ionic surfactant @ 15 gai/100L

WHP – 14 days

Activity: Translaminar & acropetal systemicity

SHENZI – THE RIGHT CHOICE

- Effective control of carob moth
- Soft on beneficials
- Low convenient rate
- Ideal IPM fit

CONTROLLING CAROB MOTH WITH SHENZI

- monitor moth flights through trapping
- applications can be aimed at reducing moth number by targeting mummies
- alternatively, applications should be made when 1–5% of the almond hull sutures are opening
- if required, repeat at minimum interval of 7 days
- DO NOT apply more than 2 applications of SHENZI per season
- DO NOT treat successive generations with SHENZI, alternate with a different mode of action insecticide

TWO SPOTTED & BRYOBIA MITE CONTROL

ACRAMITE®

Bifenazate 480g/L

Group 20D Insecticide

Rate: 65ml/100L

WHP – 14 days (H), 28 day (G)

Activity: Contact

ACRAMITE

- Quick knockdown
- Ideal for IPM programs
- Superior residual control
- Gentle on beneficial insects & predatory mites

CONTROLLING MITES WITH ACRAMITE

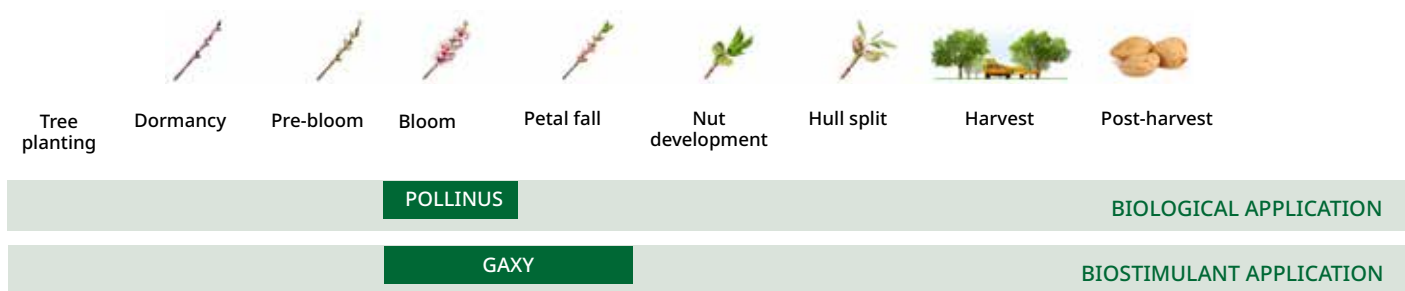
- apply to the point of run-off as soon as mites appear
- equipment should be calibrated so that no less than 1000 L/ha is applied
- complete coverage of all foliage is essential
- only 1 application per season



Always read the label and follow the label directions in full before any application

5

MAXIMISING YOUR POTENTIAL - NATURALLY



MAXIMISE POLLINATION SUCCESS

POLLINUS®

Terpenes: Linalool, Citral, Geraniol, Anethole

- attracts foraging bees
- encourages bees to stay within the treated area
- improves pollination success
- contains four natural plant terpenes

Biological

Rate: 1 L/Ha

Activity: Attracts worker & scout bees

2 applications:
1st @ hive introduction or
10% open flowers
2nd @ full bloom or 90%
flowers open

General instructions:
Application via sprayer
or atomiser
Minimum water rate: 600L/Ha
Apply in early morning
when weather conditions
are favourable

USING NATURAL PLANT DERIVED TERPENES

- citral & geraniol together mimics the Nasanov pheromone
- linalool & anethole are found in plant based essential oils & provide a scent similar to flowers

HELPING BEES
WORK HARDER IN
YOUR ORCHARD



MAXIMISE YOUR TREES NATURAL POTENTIAL

GAXY®

100% *Ascophyllum nodosum* seaweed filtrate

- super concentrated with low application rates
- highly compatible
- maximises natural plant growth potential

Biostimulant

Rate: 200–300 ml/Ha

Activity: Optimises natural plant growth & potential

2 applications:
1st @ 50% flower
2nd @ end of petal fall



UNIQUE EXTRACTION PROCESS

- NO heat or chemicals used in extraction = greater tank compatibilities compared to other seaweed products
- preserves the naturally occurring biologically active molecules derived from *Ascophyllum nodosum*
- produces a highly concentrated extract

lower application rates

greater compatibility

UPL PRODUCT RANGE – ALMOND CROPS

	PRODUCT	USE	ACTIVE	CHEMICAL GROUP	DOMESTIC WHP	ALMONDCO GROWER WHP*
SOIL CONDITIONER	ZEBA	Super hydrating granule increasing plant available water	Starch g-poly	–	–	–
HERBICIDE	FASCINATE DRY	Annual & perennial grasses, broadleaf weeds	Glufosinate-ammonium 500g/kg	10	nil	Do not apply at harvest or if wind-falls are present
	FASCINATE 280 SL	Annual & perennial grasses, broadleaf weeds	Glufosinate-ammonium 280g/L	10	nil	
	FIST HYDROCAP	Pre-emergent grass control & some small seeded broadleaf weeds	Pendimethalin 456g/L	3	nil	as per label
FUNGICIDE	CUPROFIX DISPERS	Leaf curl	Tribasic copper sulphate 200g/kg	M1	nil	as per label
	AFFIX 250 SC	Anthrachnose	Azoxystrobin 250g/L	11	4 weeks	as per label
	CONAN STICKS 720 SC	Shot hole, stone fruit rust	Chlorothalonil 750g/L	M5	nil	do not use
	PENNCOZEB 750 DF	Brown rot, shot hole, freckle rust	Mancozeb 750g/kg	M3	14 days	Do not apply at/ after hull split
	DITHANE RAINSHIELD NEOTEC	Brown rot, shot hole, freckle rust	Mancozeb 750g/kg	M3	14 days	
INSECTICIDE	SHENZI	Carob moth	Chlorantraniliprole 400g/L	28	14 days	as per label
	ACRAMITE	Two spotted mite, bryobia mite	Bifenazate 480g/L	20D	14 days	as per label
BIOLOGICAL	POLLINUS	Honeybee attractant	Terpenes: Linalool, Citral, Geraniol, Anethole	–	–	–
BIOSTIMULANT	GAXY	Maximises natural plant growth potential	100% Cold-pressed <i>Ascophyllum nodosum</i> filtrate	–	–	–

Always read the label and follow the label directions in full before any application

*refer to AlmondCo Chemical Use Guide 2023–24 for more information



UPLAustralia



UPLAUSLtd

SALES ORDERS

Telephone 1800 078 007
Fax 1800 078 048
Email auorders@upl-ltd.com

06/24

UPL Australia Pty Ltd shall not be liable in any manner whatsoever for errors, omissions, results, loss or damage whether consequential or otherwise resulting from the use of and / or access to information.

® registered trademarks of UPL group of companies.



UPL Australia Pty Ltd
Level 3, 70 Hindmarsh Square
Adelaide South Australia 5000
T: (08) 8112 0900 F: (08) 8112 0999
E: admin.aus@upl-ltd.com

www.upl-ltd.com/au