

## INSECTICIDES AND ACARICIDES (Fargro Horticultural Sundries Catalogue)

This is a catalogue of products for Fargro's South East UK distribution area only.

**Unless otherwise indicated these products are for professional use only; operators must have had training and be suitably qualified to use them.**

For approved pesticide products, details of any Specific Off Label Approvals (SOLAs) or any use under the Long Term Arrangements for Extension of Use (LTAEU) have not been listed here.

Any approved pesticide product must be stored and used in accordance with the code of practice on pesticide use. Details on pesticide training, regulations, the code of practice on pesticide use, approvals and any allowable off label use are available from the [Chemicals Regulation Directorate website - www.pesticides.gov.uk](http://www.pesticides.gov.uk).

Information is believed to be correct at time of compilation but pesticide approvals and products change frequently. Products and or approval numbers listed here may no longer be valid. Similar products may replace those listed. More information on the products may be available from the manufacturer's own website or contact Fargro.

**If you require a specific product not listed here please contact us as we can usually help.**

### APHOX

**Active Ingredient:** 500 g/kg (50% w/w) pirimicarb.

**Formulation Type:** WG **MAPP No:** 10515

**Harvest Interval:** Various depending on crop.

**Control:** Contact, fumigant and translaminar insecticide for aphids.

**Crops:** Named cereals, potatoes, peas, beans (runner, broad, field and dwarf french), cauliflower, broccoli, calabrese, cabbage, Brussels sprout, kale, Chinese cabbage, collards, swede, turnip, oilseed rape, maize, sweetcorn, apples, pears, cherries, strawberries, blackcurrants, redcurrants, gooseberries, protected ornamental plant production - carnations, chrysanthemums, cinerarias, cyclamen, roses; cucumbers, peppers, tomatoes, outdoor and protected lettuce, outdoor ornamental plant production and forest nurseries.

**Application Method:** Spray.

**Application Rate:** 280 - 560 g / ha or 50 g / 100 litres water, depending on crop.

**Fargro Code:** APHO (1 kg).

### SYNGENTA

### BORNEO

**Active Ingredient:** 110g/l etoxazole.

**Formulation Type:** SC **MAPP No:** 13919

**Harvest Interval:** 3 days.

**Control:** Spider mites.

**Crops:** Protected tomatoes and aubergines.

**Application Method:** Foliar spray.

**Application Rate:** 25-30 ml per 100 litres water at 500 - 1500 lites per ha or at 35 ml per 100 litres of water at 500-1000 litres per ha.

**Comment:** [For more information see www.fargro.co.uk and look for "Insecticides"](http://www.fargro.co.uk)

**Fargro Code:** BORNEO (250 ml).

### INTERFARM



### APOLLO 50SC

**Active Ingredient:** 500 g/l (42% w/w) clofentezine.

**Formulation Type:** SC **MAPP No:** 10590

**Harvest Interval:** Variable depending on crop.

**Control:** Control of eggs and early motile stages of fruit tree red spider mite *Panonychus ulmi*.

**Crops:** Apple, pear, plum and cherry.

**Application Method:** Foliar spray.

**Application Rate:** 0.4 litres product in 440 - 1000 litres water per hectare.

**Fargro Code:** APOL1LT( 1 litre).

### MAKHTESHIM AGAN

### CALYPSO

**Active Ingredient:** 480 g/l (40.4% w/w) thiacloprid.

**Formulation Type:** SC **MAPP No:** 11257

**Harvest Interval:** 14 days before harvest.

**Control:** A chloronicotinyl systemic insecticide for rosy apple aphid.

**Crops:** Apples.

**Application Method:** Spray.

**Application Rate:** Maximum individual dose: 0.375 l / ha. (0.025 l /100 l water). Maximum total dose: 0.75 l / ha. No more than two sprays of Calypso or other nicotinoid product per crop.

**Fargro Code:** CALYPSO(1 litre).

### BAYER CROPSCIENCE

### APPLAUD

**Comment:** No longer available.

### CERTIS

### CARPOVIRUSINE

**Active Ingredient:** *Cydia pomonella* Granulosis Virus M 10<sup>13</sup> GV per litre.

### FARGRO

**Formulation Type:** SC  
**MAPP No:** 15243  
**Harvest Interval:** 3 days.  
**Control:** Codling moth.  
**Crops:** Apple.  
**Application Method:** Foliar spray.  
**Application Rate:** 1 litre per ha.  
**Comment:** [For more information see www.fargro.co.uk and look for "Insecticides"](http://www.fargro.co.uk)  
**Fargro Code:** CARP (1 litre).



### CHESS WG

### SYNGENTA BIOLINE

**Active Ingredient:** 50% w/w pymetrozine.  
**Formulation Type:** WG  
**MAPP No:** 13310 **Harvest Interval:** Cucumbers: 3 days.  
**Control:** Aphids.  
**Crops:** Cucumbers. Protected and field grown ornamental plant production.  
**Application Method:** Foliar spray.  
**Application Rate:** 20 g product per 100 litres water.  
**Comment:** [For more information see www.fargro.co.uk and look for "Insecticides"](http://www.fargro.co.uk)  
**Fargro Code:** CHESSB (200 g).



### CONSERVE

### FARGRO

**Active Ingredient:** 120 g/l (11.6% w/w) spinosad.  
**Formulation Type:** SC **MAPP No:** 12058  
**Harvest Interval:** Cucumbers, tomato, pepper, aubergine: 3 days.  
**Control:** Western flower thrips.  
**Crops:** Protected ornamental plant production, protected cucumbers, protected tomatoes, protected pepper and protected aubergine.  
**Application Method:** Foliar spray.  
**Application Rate:** 75 ml per 100 litres for protected ornamental plant production, 80 ml per 100 litres for cucumbers, tomato, pepper and aubergine.  
**Comment:** [For more information see www.fargro.co.uk and look for "Insecticides"](http://www.fargro.co.uk)  
**Fargro Code:** CON (1 litre).



### CROSSFIRE 480

### DOW AGROSCIENCES

**Active Ingredient:** 480 g/l (44.65% w/w) chlorpyrifos.  
**Formulation Type:** EC **MAPP No:** 12516  
**Control:** Leatherjackets and frit fly.  
**Crops:** Amenity grassland and managed amenity turf.  
**Application Method:** Spray from early November to control leatherjackets before winter feeding damages turf but not during periods of frost.  
**Application Rate:** 1.5 litres / ha in 200 - 1000 litres water (15 ml in 10 litres water per 100m<sup>2</sup>).  
**Fargro Code:** To order (1 litre).

### DECIS

### BAYER CROPSCIENCE

**Active Ingredient:** 25g / litre (2.8% w/w) deltamethrin.  
**Formulation Type:** EC **MAPP No:** 07172  
**Harvest Interval:** Nil days or restricted by crop stage.  
**Control:** Contact insecticide with residual activity against a wide range of pests. Caterpillar, aphids, whitefly, flea beetle, pea and bean weevil, pea midge, pollen beetle, brassica pod midge, apple sucker, capsid, scale insect, mealybugs, sawfly, thrips, raspberry beetle.  
**Crops:** Wide range of crops including named brassicas, peas, named beans, apples, pears, plums, raspberries, cucumbers, tomatoes, peppers, outdoor lettuce, ornamentals (including outdoor amenity vegetation).  
**Application Method:** Foliar spray.  
**Application Rate:** Rate varies according to crop and situation.  
**Fargro Code:** DE1(1 litre).

### DECIS PROTECH

### BAYER CROPSCIENCE

**Active Ingredient:** 15g / litre (1.5% w/w) deltamethrin.  
**Formulation Type:** EW **MAPP No:** 11502  
**Harvest Interval:** Nil days or restricted by crop stage.  
**Control:** Contact insecticide with residual activity against a wide range of pests. Caterpillar, aphids, whitefly, flea beetle, pea and bean weevil, pea midge, pollen beetle, brassica pod midge, apple sucker, capsid, scale insect, mealybugs, sawfly, thrips and raspberry beetle.  
**Crops:** Wide range of crops including named brassicas, peas, named beans, apples, pears, plums, raspberries, cucumbers, tomatoes, peppers and ornamentals (including outdoor amenity vegetation).  
**Application Method:** Foliar spray.  
**Application Rate:** Rate varies according to crop and situation.  
**Fargro Code:** DEPROT (1 litre).

### DIPEL DF

### FARGRO

**Active Ingredient:** *Bacillus thuringiensis* var kurstaki.  
**Formulation Type:** WG **MAPP No:** 14119  
**Control:** Caterpillars.  
**Crops:** Outdoor cabbage, Brussels sprouts, cauliflower, broccoli, outdoor and protected ornamentals, amenity vegetation, strawberry, raspberry, protected tomato, cucumber and pepper.  
**Application Method:** Foliar spray.  
**Application Rate:** 0.75 - 1kg per ha or 75 - 100 g /100 litres water depending on the crop.  
**Comment:** A biological insecticide.  
**For more information see [www.fargro.co.uk and look for "Insecticides"](http://www.fargro.co.uk)**  
**Fargro Code:** DIPELDF (500 g).



### DYNAMEC

### SYNGENTA

**Active Ingredient:** 18 g/l (1.84% w/w) abamectin.  
**Formulation Type:** EC **MAPP No:** 13331  
**Harvest Interval:** Tomatoes and cucumbers 3 days.  
**Control:** A contact and translaminar insecticide and acaricide for control of two-spotted spider mite, leafminer (*Liriomyza bryioniae*) and western flower thrip.  
**Crops:** Protected and outdoor flower crops, tomatoes and

cucumbers.

**Application Method:** Foliar spray.  
**Application Rate:** 25 ml / 100 litres water for control of two-spotted spider mite. 50 ml / 100 litres for control of western flower thrips and leafminer.

**Comment:** [For more information see www.fargro.co.uk](http://www.fargro.co.uk) and look for "Insecticides"

**Fargro Code:**  
DYMEC (250 ml),  
DYMED (1 litre).



## EQUITY

## DOW AGROSCIENCES

**Active Ingredient:** 480 g/l (44.6% w/w) chlorpyrifos.

**Formulation Type:** EC **MAPP No:** 12465

**Harvest Interval:** Varies according to crop and situation.

**Control:** A contact and ingested broad-spectrum insecticide.

**Crops:** Include onion, broccoli, Brussels sprout, cabbage, calabrese, cauliflower, Chinese cabbage, apple, pear, plum, strawberry, raspberry, gooseberry, whitecurrant, redcurrant and blackcurrant.

**Application Method:** Spray with some drench treatments depending on crop and situation.

**Application Rate:** Variable depending on crop and situation.

**Fargro Code:** EQU (5 litres).

## FORESTER

## AGRIPHAR

**Active Ingredient:** 100 g/l (10% w/w) cypermethrin.

**Formulation Type:** EW **MAPP No:** 13164

**Control:** A contact insecticide for control of large pine weevil *Hylobius abietis*.

**Crops:** Forestry.

**Application Method:** Post planting spray.

**Application Rate:** 20 ml product per litre water, applied 10 - 20 ml diluted spray / tree.

**Comment:** [For more information see www.fargro.co.uk](http://www.fargro.co.uk) and look for "Insecticides"

**Fargro Code:** FORE1 (1 litre),  
FORE5 (5 litre).



## FUMITE PIRIMIPHOS METHYL SMOKE

## CERTIS

**Comment:** No longer available.

## GAZELLE SG

## CERTIS

**Active Ingredient:** 20% w/w acetamiprid.

**Formulation Type:** SG **MAPP No:** 13725

**Harvest Interval:** 14 days for apples, pears, plums and cherries.  
3 days for tomatoes, peppers and aubergines.

**Control:** Whitefly and aphid.

**Crops:** Apples, pears, cherries, plums, tomatoes, peppers, aubergines and ornamental plant production.

**Application Method:** Spray.

**Application Rate:** 250 - 500 g / ha according to crop. Maximum: 1 per crop for cherry; 2 other crops. No more than 2 applications of any neonicotinoid insecticide per crop.

**Fargro Code:** GAZE (0.5kg).

## GYRO

## CERTIS

**Comment:** No longer available.

## HALLMARK WITH ZEON TECHNOLOGY SYNGENTA

**Active Ingredient:** 100 g/l lambda-cyhalothrin and 1,2-benzisothiazolin-3-one.

**Formulation Type:** CS **MAPP No:** 12629

**Harvest Interval:** Variable depending on crop.

**Control:** Contact insecticide with residual activity against a wide range of pests. Aphid, flea beetle, pollen beetle, pea and bean weevil, caterpillars, whitefly, pea moth, pea midge, pear sucker, cutworm and carrot fly.

**Crops:** Named cereals, field bean, pea (combining, vining, edible podded), potato, sugar beet, Brussels sprout, cabbage, cauliflower, broccoli (including calabrese), pears, outdoor lettuce, carrot and parsnip.

**Application Method:** Foliar spray.

**Application Rate:** Rate varies according to crop and situation. 50 to 150 ml per ha.

**Fargro Code:** To order (1 litre).

## IMIDASECT 5GR

## FARGRO

**Active Ingredient:** 50g/kg imidacloprid.

**Formulation Type:** GR **MAPP No:** 14574

**Control:** A systemic and protectant insecticide for control of aphid, whitefly, sciarid flies and vine weevil.

**Crops:** Protected container-grown ornamental plants and container-grown hardy ornamental nursery stock.

**Application Method:** Incorporate into peat-based growing media.

**Application Rate:** 280g/m<sup>3</sup> peat based growing media.

**Comment:** [For more information see www.fargro.co.uk](http://www.fargro.co.uk) and look for "Insecticides"

**Fargro Code:** IMID10 (10 kg).



## INTERCEPT 70WG

## SCOTTS

**Active Ingredient:** 70% w/w imidacloprid.

**Formulation Type:** WG **MAPP No:** 08585

**Control:** Aphids, whitefly and the larvae of sciarid fly and vine weevil.

**Crops:** Outdoor and protected container grown ornamentals.

**Application Method:** Compost drench (apply to moist compost).

**Application Rate:** 10 - 20 g product per 100 litres water, drenched at 100 - 200 ml per litre of compost (ie 0.02 g product per litre of compost).

**Comment:** Not to be used on edible crops or non-containerised ornamentals.

**Fargro Code:** INTER (100 g).

## MAJESTIK

## CERTIS

**Active Ingredient:** 49% w/w maltodextrin

**Formulation Type:** SO **MAPP No:** 14831

**Control:** A contact insecticide that works by physical means. Spider mites, whitefly, aphid.

**Crops:** Outdoor and protected crops.

**Application Method:** High volume to point of run off.

**Application Rate:** 25 ml per litre water.

**Fargro Code:** MAJ (5 litres).

### MASAI

**BASF**

**Active Ingredient:** 20% w/w tebufenpyrad.

**Formulation Type:** WP **MAPP No:** 13082

**Harvest Interval:** Hops 21 days, strawberry 3 days, top fruit 7 days.

**Control:** Fruit tree red spider mite, two spotted spider mite and damson-hop aphid.

**Crops:** Apples, pears, strawberries, protected roses and hops.

**Application Method:** Spray.

**Application Rate:** Variable depending on crop but strawberries 750 g / ha, protected roses 50 - 100 g / 100 litres.

**Comment:** Controls all mite stages except winter eggs.

**Fargro Code:** MASAI (Box of 10 x 100g water soluble bags).

### MET52 GRANULAR BIOINSECTICIDE

**FARGRO**

**Active Ingredient:** 2%w/w *Metarhizium anisopliae* var. *anisopliae* strain F52.

**Formulation Type:** GR **MAPP No:** 15168

**Control:** Black vine weevil (*Otiorhynchus* spp.) larvae.

**Crops:** Ornamental plant production and named soft fruit. Protected and outdoor, container and open ground.

**Application Method:** Preplanting granule incorporation.

**Application Rate:** 0.5kg per cubic metre of growing media or 122kg per ha for open ground use.

**Comment:** A biological insecticide.

[For more information see www.fargro.co.uk](http://www.fargro.co.uk) and look for "Insecticides"

**Fargro Code:**

MET1KG (1 kg), MET10kg (10kg).



### MYCOTAL

**KOPPERT**

**Active Ingredient:** *Verticillium lecanii* 16.1%w/w.

**Formulation Type:** WP **MAPP No:** 04782

**Control:** Whitefly.

**Crops:** Protected crops of: tomato, cucumber, runner bean, broad bean, French bean, aubergine, lettuce, pepper and ornamental plant production.

**Application Method:** Foliar spray.

**Application Rate:** 1 g/l.

**Comment:** Requires minimum of 80% relative humidity and 18°C

**Fargro Code:** MYCOT (500g).

### NATURALIS-L

**BELCHIM**

**Active Ingredient:** 7.16%w/w *Beauveria bassiana* ATCC 74040

**Formulation Type:** OD **MAPP No:** 14655

**Control:** Whitefly and thrips with activity on a range of other pests including spider mites.

**Crops:** All edible crops (protected) and ornamental plant production (protected).

**Application Method:** Spray.

**Application Rate:** Up to 3 litres per ha; 150 ml per 100 litres.

**Comment:** Compatible with many biological control insects. A biopesticide.

[For more information see www.fargro.co.uk](http://www.fargro.co.uk) and look for "Insecticides"

**Fargro Code:** NATUR (1 litre).



### NEMOLT

**FARGRO**

**Comment:** No longer available. Under phased revocation with final use date of 31/01/12.

### OBERON

**CERTIS**

**Active Ingredient:** 240 g/l spiromesifen.

**Formulation Type:** SC **MAPP No:** 11819

**Harvest Interval:** 3 days.

**Control:** Whitefly (*Trialeurodes vaporariorum*).

**Crops:** Tomatoes grown in synthetic rooting medium or in recycling hydroponic systems.

**Application Method:** Foliar spray.

**Application Rate:** 50 ml per 100 litres. Maximum of 2 applications.

**Fargro Code:** OBER (500 ml)

### PYRETHRUM 5 EC

**AGROPHARM**

**Active Ingredient:** 20% w/v pyrethrum extract (5% w/v pyrethrins).

**Formulation Type:** EC **MAPP No:** 12685

**Harvest Interval:** 24 hours.

**Control:** A natural organic insecticide against chewing and sucking pests including aphids, caterpillars, whitefly and red spider mite.

**Crops:** All edible and non-edible crops.

**Application Method:** Foliar spray.

**Application Rate:** 1.1 - 2.4 l / ha according to situation.

**Fargro Code:** PYRE (1 litre).

### SAVONA

**KOPPERT**

**Active Ingredient:** Potassium salts of fatty acids 49% w/w

**Formulation Type:** SL **MAPP No:** 06057

**Control:** Whitefly, mealybugs, scale insects, aphids and spider mites.

**Crops:** Tomato, cucumber, pepper, pumpkin, brussels sprout, cabbage, lettuce, peas, beans, fruit trees, ornamental shrubs and trees.

**Application Method:** Foliar spray.

**Application Rate:** 1 litre to 50 - 100 litres water.

**Comment:** If hard water area use rainwater. Test treatment first. Do not use on plants under stress.

**Fargro Code:** SAV (1 litres), SAV4 (4 litres).

### SB PLANT INVIGORATOR

**FARGRO**

**Ingredients:** Foliar lattice, linear sulphate, 0.37% w/w Iron chelate (Fe), 9.57% w/w Nitrogen (N) and natural products.

**Control:** A wide range of pests including whitefly, aphid, spider mite, mealy bug, hard and soft scale insects, and bay sucker psyllids. Can also control powdery mildew. Controls by physical means and therefore exempt from registration as a pesticide. A plant stimulant and foliar feed.

**Crops:** Protected and outdoor edible and ornamental crops.

**Application Method:** Foliar spray weekly or as necessary according to crop and situation. **Application Rate:** 2 ml per litre. (professional product). **Comment:** [For more information see www.fargro.co.uk](http://www.fargro.co.uk) and look for "Insecticides"

**Fargro Code:** INVIG1 (1 litre), INVIG5 (5 litres), INVIG25 (25 litres). (Also available in ready-to-use and retail / home garden formulations).



### SPRAYING OIL

### CERTIS

**Active Ingredient:** 710 g / litre white petroleum spraying oil.

**Control:** Red spider mites, mealybugs and scale insects.

**Crops:** Protected crops: cucumbers, oil tolerant pot plants, tomatoes. Outdoor crops: fruit trees, hops, nursery stock, soft fruit, vines and other outdoor crops.

**Application Method:** Foliar spray - when crops are dormant or on known tolerant species.

**Application Rate:** 1 part to between 100 and 200 parts water.

**Fargro Code:** SPO5 (5 litres).

### SPRUZIT

### CERTIS

**Active Ingredient:** 4.59 g/l pyrethrins. Contains a naturally derived oil.

**Formulation Type:** EC **MAPP No:** 13438

**Harvest Interval:** None specified.

**Control:** A broad spectrum contact insecticide for use against biting and sucking insects. Controls insect adults and larvae and some stages egg stages of bugs.

**Crops:** All edible and non-edible crops.

**Application Method:** Foliar spray.

**Application Rate:** Maximum concentration 2 l in 100 litres water; 6.0 to 24 l/ha according to situation see label.

**Fargro Code:** SPRUZ (3 litre).

### STARION FLO

### BELCHIM

**Comment:** No longer available.

### SUSCON GREEN SOIL INSECTICIDE

### FARGRO

**Comment:** No longer available. Under phased revocation with final use date of 31/12/11.

### TOPPEL 100EC

### UNITED PHOSPORUS

**Active Ingredient:** 100 g/l cypermethrin.

**Formulation Type:** EC **MAPP No:** 13704

**Harvest Interval:** Varies according to crop and stage of growth.

**Control:** A broad spectrum pyrethroid insecticide. Includes aphids, capsids, caterpillar, codling moth, cutworms, tortrix moth, sawfly, pea and bean weevil, frit fly, winter moth, apple / pear sucker and thrips.

**Crops:** Named cereals, vining peas, field beans, potatoes, sugar beet, cabbage, Brussels sprout, cauliflower, broccoli, calabrese, apples, pears, cherries, plums, hops, lettuce and ornamental plant production.

**Application Method:** Foliar spray.

**Application Rate:** Variable depending on crop and situation.

**Fargro Code:** TOPEC (5 litre).

### The formulation types listed are:

BB: Block Baits	CR: Crystals	EC: Emulsifiable Concentrate	EW: Oil in Water Emulsion
FU: Smoke Generator	FW: Gas Generating Pellets	GR: Granules	LI: Liquid, Specified
ME: Micro-emulsion	PA: Paste	PT: Pellets	RH: Ready to use
SC: Suspension Concentrate	SG: Soluble Granule	SL: Water Soluble Powder	SO: Soluble Concentrate
TB: Tablets	WG: Water Dispersible Granule	WP: Wettable Powder	

**USE PLANT PROTECTION PRODUCTS SAFELY. ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE.**

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