

## syngenta<sub>®</sub>

Product registration number: CS No. 06827 UFI: VWT1-36D9-R00C-1 CMV



AMPECT® is a suspension concentrate containing 250 g/litre (23.1% w/w) of az. vyst ubin.

A broad spectrum fungicide for wheat, barley, oats, rye, triticale, oilseed rape, or mb, ing peas, fresh (r, as (ning peas, garden pea, mange tout, sugar snaps), fresh beans (broad beans, green beans), lifeld beans, lupins, but (ning, g, clic, shallots, lec), ca, m's, asparagus, potatoes, cabbage, cauliflower, Brussels sprouts, kale (winter greens), collard (spring greens), brocc, t, ca, abo, and prote te (crops of strawberry, outdoor and protected crops of lettuce, endive (including frisee, escarble), chicory (radicchio)

#### FOR PROFESSIONAL USE ONLY

To avoid risks to human health and the environment of .nply w.c. "... instructions for u.e. AMPECT® is a suspension concentrate containing 250 unit, (23.1% w/w) of az visu pbin.

Warning

Harmful if inhaled.

Very toxic to aquatic life with long las ing effect.

Avoid breathing dust/fume/gas/mist/vapours/spr .y.

Use only outdoors or in a well-ventilated area.

IF INHALED: Remove person to fresh air and keep comfort, ble for breathing.

Call a POISON CENTER/ doctor if you feel unwell.

Collect spillage.

Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for triple rinsed empty clean containers which should be disposed of as non-hazardous waste.

Contains 1,2-benzisothiazol-3-one. May produce an allergic reaction.

#### IN CASE OF TOXIC OR TRANSPORT EMERGENCY RING (01484) 538444 ANYTIME

Authorisation Holder	Marketing Company (ROI only)
Syngenta UK Limited	Syngenta Ireland Limited
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# **5** litres

P roduct names marked B or M , the ALLIANCE FRAME the SYNGENTA Logo and the PURPOSE ICON are Trademarks of a Syngenta Group Company

PROTECT FROM FROST. SHAKE WELL BEFORE USE

UFI: VWT1-36D9-B00C-Y9KM

LXXXXXXX IREL/12Z PPE XXXXXXX

PCS No: 06827

#### IMPORTANT INFORMATION FOR USE ONLY AS AN AGRICULTURAL/HORTICULTURAL FUNGICIDE

Сгор	Maximum individual dose (litres/product/ha)	Maximum number of treatments (per crop)	Minimum spray interval (days)	Latest time of application
Wheat, rye and triticale	1	2	14	Before watery ripe stage (GS 71)
Barley, oats	1	2	14	Before beginning of flowering (GS 61)
Peas – combining	1	2	14	35 days before harvest
Fresh Peas (vining, garden pea, sugar snap, mange tout)	1	2	14	14 days before harvest
Broad beans	1	2	14	14 days before harvest
Fresh Beans (green bean)	1	2	14	7 days before harvest
Field Beans, lupins	1	2	21	35 days before harvest
Bulb onions, garlic, shallots	1	3	7	14 days before harvest
Leeks	1	3	12	21 days before harvest
Carrots	1	3	7	14 days before harvest
Asparagus				
(outdoor)	1		10	Before senescence
**Brussels sprout, Cabbage, cauliflower, kale (winter greens), collards (spring greens), broccoli and calabrese – all outdoor			12	14 days before harvest
**Lettuce, endive (including frisee, escarole), chicory (radicchio), (outdoor and protected)		2	7	14 days before harvest
Potato (in-furrow)	3	2	-	At planting, applied as an in-furrow treatment
Potato (foliar spray)	0.5	3	7	7 days before harvest
Winter and Spring Oilseed rape	1	2	21	21 days before harvest

#### Other Specific Restrictions:

To reduce the risk of resistance developing in targit diseases the total number of applications of product containing Qol fungicides made to any cereal crop must not exceed two.

\*\*A maximum total dose of 500g azoxystrot must not be exceeded within a 12 month period on the same field. When used in a protected situation other than "permanent protection with full enclosure", aquatic buffer a 5m aquatic buffer zone must be observed

#### READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY be an offence. Follow the code of practice for using plant protection products

ADDITIONAL SAFETY PRECAUTIONS	kale, the maximum total dose applied must not exceed 500 g
(a) Operator protection	Azoxystrobin per hectare per year.
WASH SPLASHES from skin or eyes immediately.	To protect aquatic organisms respect a 5m unsprayed buffer
DO NOT BRATHE SPRAY.	zone to surface water.
WASH HANDS AND EXPOSED SKIN before meals and after	Do not contaminate water with the product or its container.
work.	Do not clean application equipment near surface water. Avoid
For use by tractor mounted/trailed sprayer or handheld	contamination via drains from farmyards and roads.
knapsack sprayer.	<b>(c) Storage and disposal</b>
(b) Environmental protection	KEEP IN ORIGINAL CONTAINER, tightly closed in a safe place.
Avoid drift on to non-target plants.	RINSE CONTAINER THOROUGHLY by using an integrated
To protect aquatic life, for uses on crops broccoli, calabrese,	pressure rinsing device or manually rinsing three times. Add
To protect aquatic life, for uses on crops broccoli, calabrese, Brussel sprouts, cabbage, cauliflower, collards, lettuce and	pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of safely.

#### DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be carefully read in order to obtain safe and successful use of this product.

#### GENERAL INFORMATION

AMPECT<sup>®</sup> contains azoxystrobin, a broad spectrum fungicide from the strobilurin group. It has systemic, translaminar and protectant properties.

Azoxystrobin inhibits fungal respiration. Its mode of action is different from the action of other fungicidal groups. It should always be used in mixture with fungicides with other modes of action. AMPECT shows good crop safety, disease control and maintenance of green leaf area which result in significant yield benefits.

AMPECT is best used as a protective treatment or during early stages of disease establishment. In cereals, the length of disease control is generally about four to six weeks during the period of active stem elongation, but can be more when applied at flag leaf/ear emergence.

AMPECT is approved for application to wheat, barley, oats, rye, triticale, oilseed rape, combining peas, fresh peas (vining peas, garden pea, mange tout, sugar snaps) fresh beans (broad beans, green beans), field beans, lupins, bulb onions, garlic, shallots, leeks, arrots, asparagus, potatoes, cabbage, cauliflower, Brussels sprouts, kale (winter greens), collard (curing preens), broccoli, calabrese, outdoor and protected crops of strawberry, outdoor and protected crops of lettuce, endive (including frisee, escarole), chicory (radicchio).

#### RESTRICTIONS

Certain apple varieties are highly sensitive to AMPECT. As a proaction AMPECT should not be applied when there is a risk of spray drift onto mighbouring a pole crops. Spray equipment used to apply AMPECT to other crops should not bound to treat exples.

Apply AMPECT under good growing on dianons with advante soil moisture. Avoid poor growing conditions which may give less reliable results.

#### DISEASES CONTROLLED

#### Wheat

Glume Blotch (Leptosphaeria (syn. Septinic) odorum) Yellow Rust (Puccinia striiformis) Brown Rust (Puccinia recondita) Ear Diseases (Cladosporium, Alternaria) Can reduce the severity of Take-all (Gaeumannomyces graminis var. Tritici)

#### Barley

Net Blotch (Pyrenophora teres) – moderate control Brown Rust (Puccinia hordei) Leaf Blotch (Rhynchosporium secalis) – reduction Can reduce the severity of Take-all (Gaeumannomyces graminis var. Tritici)

#### Oats

Crown Rust (Puccinia coronata)

#### Rye and Triticale

Brown Rust (*Puccinia recondita*) Leaf Blotch (*Rhynchosporium secalis*) - reduction Can reduce the severity of Take-all (Gaeumannomyces graminis var. Tritici)

#### Oilseed Rape

Dark Leaf and Pod Spot (*Alternaria spp.*) Sclerotinia stem rot (*S. sclerotiorum*) – moderate control

#### Combining Peas, Vining Peas, Garden Peas, Sugar Snap, Mange Tout, Green Beans

Downy mildew (*Perenospora viciae*) - reduction Leaf and Pod Spot (*Ascochyta pisi*) – useful reduction

When AMPECT is used to control leaf and pod spot, some control of Grey Mould (Botrytis cinerea) and Mycosphaerella blight may be achieved.

#### Field Beans and Broad Beans and Lupins

Rust (Uromyces spp.)

#### Leeks

Leaf rust (*Puccinia porri*) Purple blotch (*Alternaria porri*) – moderate control White tip (*Phytophthora porri*) – moderate control

#### Bulb Onions, Shallots and Garlic

Downy mildew (Peronospora destructor) - modera.

#### Carrots

Alternaria leaf blight (Alternaria dauci) Powdery mildew (Erysiphe polygoni)

#### Asparagus

Stemphylium (Stemphylium bo try sum) - mcue ate control Rust (Puccinia asparagi) - node te control

### Brussels Sprouts, Cabbage, Caulifi werk in (Winter Greens), Collards (Spring Greens), Broccoli and Calabrese

For moderate control of: White blister (*Albugo candida*) - moc rate control Ring spot (*Mycosphaerella brassicicola*) – moderate control Alternaria (*Alternaria brassicae and Alternaria brassicicola*) – moderate control

#### Lettuce, Endive (Frisse and Escarole), Chicory (Raddichio)

Downy mildew (Bremia spp.)

#### Strawberry

Powdery mildew (Podosphaera macularis) - moderate

#### Potatoes

Stem canker and Black scurf (*Rhizoctonia solani*) - reduction in furrow only Black dot (*Colletotrichum coccodes*) - reduction in furrow only Early blight (*Alternaria solani*) - moderate control foliar use only

#### CROP SPECIFIC INFORMATION CROPS

AMPECT is approved for application to wheat, barley, oats, rye, triticale, oilseed rape, combining peas, fresh peas (vining peas, garden pea, mange tout, sugar snaps), fresh beans (broad beans, green beans), field beans, bulb onions, garlic, shallots, leeks, carrots, asparagus, potatoes, oilseed rape, cabbage, cauliflower, Brussels sprouts, kale (winter greens), collard (spring greens), broccoli, calabrese, outdoor and protected crops of strawberry, outdoor and protected crops of lettuce, endive (including frisee, escarole), chicory (radicchio.

### WINTER & SPRING WHEAT, WINTER AND SPRING BARLEY, WINTER AND SPRING OATS, RYE & TRITICALE

#### Timing

Always inspect crops to assess disease development immediately before spraying. Best results will be achieved from applications made in the earliest stages of disease development or as a protectant treatment following a disease risk assessment or the use of appropriate decision support systems. Winter and spring wheat, rye and triticale can be treated from BBCH 30 -69.

Winter and Spring barley and winter and spring oats can be treated from BBCH 30-59.

For protection against ear disease (Cladosporium and Alternaria) apply AMPECT at ear emergence.

When used to control the listed foliar diseases, AMPECT a, Use at the first or second node stage of the crop can reduce the severity of Take-all infection.

#### Rate Of Use

1.0 litre per hectare. The maximim number of applications to any cercal crop is two 5 or crop

#### Tank Mixing

On cereal crops, AMPECT must always he used in mixture with another product, recommended for control of the same target disease in t contains a fungicide from a different cross resistance group and is applied at a dose that will give robust control.

#### Resistance Management

Use AMPECT as part of an Integrated Crop Mal agement (ICM) strategy incorporating other methods of control, including where appropriate other ungicides with a different mode of action. You must not apply more than two foliar applications of Col-containing products to any cereal crop.

Disease control may be reduced if strains of other pathogens less sensitive to azoxystrobin develop.

On cereal crops, AMPECT must always be used in mixture with another product, recommended for control of the same target disease that contains a fungicide from a different cross resistance group and is applied at a dose that will give robust control.

Users should refer to current FRAG-UK guidelines for Qol compounds.

#### PEAS (COMBINING AND FRESH), GREEN BEANS, BROAD BEAN, LUPIN Timing

#### AMPECT should always be used at the first sign of disease infection or when a predictive assessment shows conditions favourable for disease development from BBCH 17-72. For optimum disease control apply AMPECT before infection or as soon as disease is first seen in the crop. Always inspect crops to assess disease development immediately before spraying. Best results will be achieved from applications made in the earliest stage of disease development or as a protectant treatment following a disease risk assessment or the use of appropriate decision support systems.

#### Rate Of Use

1.0 litre per hectare.

A second treatment may be required if disease pressure remains high – especially in combining peas. A minimum interval of 14 days must be observed between applications.

#### Peas For Processing

Where a crop of peas is destined for processing, consult your processor before treating with AMPECT. (One year's results indicate that no taints were detected on quick frozen, canned, vining or canned combining peas)

#### Crop Safety

AMPECT shows good crop safety on combining peas and fresh peas. Before applying ensure the crop is free from any stress caused by environment or agronomic effects. Check wax level if necessary using the Crystal Violet test.

#### Resistance Management

To avoid the likelihood of resistance developing, application of AMPECT should be made with due regard to current FRAG-UK guidelines for QoI compounds. Do not make more than two applications of AMPECT.

#### FIELD BEAN

#### Timing

Before applying AMPECT, ensure the crop is free ic many stress caused by environmental or agronomic effects. Always inspect crops to a sees disease development immediately before spraying. Best results will be achieved from application. In de in the endiced stage of disease development from BBCH 60-69 or as a protectant treatment following a lise se risk assessment or the use of appropriate decision support systems.

A second treatment may be required if disease pressure remains high. A minimum interval of 21 days must be observed between an olic ations.

#### Rate Of Use

1 litre per hectare

#### Resistance Management

To avoid the likelihood of resistance eveloping, application of AMPECT should be made with due regard to current FRAG-UK guidelines for QoI compounds. Do not make more than <u>two</u> applications of AMPECT to crops of field beans. Use AMPECT as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control, including where appropriate other fungicides with a different mode of action.

#### BULB ONION, GARLIC, SHALLOT, LEEK AND CARROT

#### Timing

Before applying AMPECT, ensure the crop is free from any stress caused by environmental or agronomic effects. For optimum disease control AMPECT should be used at the first sign of disease infection or preferably preventatively when a predictive assessment shows conditions favourable for disease development. Always inspect crops to assess disease development immediately before spraying. Best results will be achieved from applications made in the earliest stage of disease development or as a protectant treatment following a disease risk assessment or the use of appropriate decision support systems.

Bulb onions, garlic and shallots can be treated from BBCH 14-48

Leeks can be treated from BBCH 16 – 48 Carrots can be treated from BBCH 16 - 49

#### Rate Of Use

1.0 litre per hectare.

#### Bulb onion, garlic and shallots

- For optimum downy mildew control in bulb onions, garlic and shallot a 7 to10 day spray interval should be maintained
- · Applications to established downy mildew infection are unlikely to give reliable control

#### Processing

Where a crop is destined for processing, consult your processor before treating with AMPECT

#### Resistance Management

Use AMPECT as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control, including where appropriate other fungicides with a different mode of action.

To avoid the likelihood of resistance developing, applications of AM<sup>®</sup>ECT should be made with due regard to current FRAC guidelines for QoI compounds as illustrated below in the following table:

Total number of fungicide spray applications per crop	1	2	3	4	5	6	7	8	9	10	11	≥12
Maximum recommended solo Qol fungicide sprays	1	1	2	2	2	20	2	3	3	3	3	4
Maximum recommended QoI fungicide sprays in mixture	1	2	2	2	2	2	3	4	4	4	4	4

No more than 3 applications of AMPECT are per pit of per crop. Refer to the FRAC website for updates on recommendations for resistance management.

#### ASPARAGUS (OUTDOOR)

#### Timing

Always inspect crops to assess an ase development immediately before spraying. Best results will be achieved from application  $s_{11}$  to in the can set stages of disease development or as a protectant treatment following a disease risk assessment or the use of appropriate decision support systems. Asparagus can be treated from BBCH 4, -82.

Earliest time of application : After count ercial cutting

AMPECT may only be applied after the arvest season (i.e. after commercial cutting). Where a new 'bed' is established, do not treat within three weeks of transplanting out the crowns.

A minimum interval of 10 days must be observed between applications.

Latest time of application : until the end of September or before the crop senescence, whichever is sooner.

AMPECT shows good crop safety on asparagus. Before applying ensure the crop is free from any stress caused by environmental or agronomic effects.

#### Rate of Use

1.0 litre per hectare.

#### Resistance Management

AMPECT contains azoxystrobin a member of the QoI cross resistance group. AMPECT should be used preventatively and should not be relied on for its curative potential. Disease control may be reduced if strains of pathogens less sensitive to azoxystrobin develop. To avoid the likelihood of resistance developing, applications of AMPECT should be made with due regard to current FRAC guidelines for Qol compounds as illustrated below in the following table:

Total number of fungicide spray applications per crop	1	2	3	4	5	6	7	≥8
Maximum recommended solo Qol fungicide sprays	1	1	2	2	2	2	2	3
Maximum recommended Qol fungicide sprays in mixture	1	2	2	2	2	3	3	3

No more than 2 applications of AMPECT are permitted per crop. Refer to the FRAC website for updates on recommendations for resistance management.

#### POTATOES

#### FOLIAR APPLICATION

For the control of Early blight (Alternaria solani).

#### Timing

Before applying AMPECT, ensure the crop is free from any stress caused by environmental or agronomic effects. Always inspect crops to assess disease development immediately before spraying. Best results will be achieved from applications made in the earliest stage of disease development or as a protectant treatment following a disease risk as easily or the use of appropriate decision support systems.

Potatoes can be treated from BBCH 51-85

A minimum interval of 7 days must be observed by veon applications.

#### Rate of Use

0.5 litre per hectare A total of 3 applications can be made per season if discuse pressure remains high.

#### Potatoes For Processing

Where a crop of potatoes is deutined for process ing, consult processors before treating with AMPECT.

#### Resistance Management

The risk of resistance developing to A MPEC in Alternaria solani is considered to be moderate. To avoid the likelihood of resistance for alconing, application of AMPECT should be made with due regard to current FRAG-UK guidelines for Q bi compounds. Use AMPECT as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control, including where appropriate other fungicides with a different mode of action.

#### **IN-FURROW APPLICATION**

#### Timing

AMPECT must be applied as an in-furrow application made at the time of planting for the reduction of Stem canker, Black scurf (*Rhizoctonia solani*) and Black dot (*Colletotrichum coccodes*).

Where AMPECT is applied as an in-furrow application, it is important to direct the spray into the planting furrow and not onto the seed tuber. Application should ensure that the AMPECT is applied to soil around the tuber.

#### Rate Of Use

For in-furrow application made at planting : 3 litre per hectare.

A maximum of one application per crop should be made.

#### Advisory Information

With in-furrow application, always target the soil and not the seed tuber in order to minimise any possible delay in emergence. Wherever possible, use properly chitted seed or cold-stored seed which has not started to sprout. Using seed which has just broken dormancy may well result in emergence delays. Using AMPECT following earlier applications of imazalii, pencycuron or imazalii/pencycuron is likely to lead to a check in the speed of crop emergence. Effects are usually, but not always, outgrown.

#### Effects of soil type

Do not use AMPECT on high organic matter soils as the product will not be effective.

#### Potatoes For Processing

Where a crop of potatoes is destined for processing, consult processors before treating with AMPECT.

#### **Resistance Management**

The risk of resistance developing to AMPECT in *Rhizoctonia solani* (Black scurf and Stem canker) and *Colletotrichum coccodes* (Black dot) is considered to be very low. AMPECT should only be used in potato crops, which adhere to good rotation practices.

To avoid the likelihood of resistance developing to Qol compounds used to control potato late blight, application of AMPECT should be made with due regard to cui ant FRAG-UK guidelines for Qol compounds. If an application of AMPECT is made, no more than wo further Qol treatments should be applied sequentially as the first sprays against late blight refo.e using an elternative product.

#### WINTER AND SPRING OILSEED RAPE

#### Timing

Before applying AMPECT, ensure the crop is ree from any strr ss caused by environmental or agronomic effects. Best results will be aclieved from applications made as a protectant treatment following a disease risk assessment of the use of appror nate decision support systems. Oilseed rape can be treated from BPC, 60-39.

A second treatment may be requirer if disease pre-sure remains high.

<u>Sclerotinia</u> - AMPECT should be a piled as (pipte 'ant spray during flowering. The optimum timing is early flowering to mid flowering (CS60 - CC55)

<u>Alternaria</u> – Apply AMPECT as a protective s bray at early pod formation when the first ten pods are longer than 4 cm, before they become i nobbly and not later than the time the first spots are seen on the pods.

Note : an application of AMPECT against Sclerotinia will significantly limit the development of alternaria

#### Rate Of Use

1 litre per hectare

#### **Resistance Management**

To avoid the likelihood of resistance developing, application of AMPECT should be made with due regard to current FRAG-UK guidelines for QoI compounds. Do not make more than two applications of AMPECT to crops of oilseed rape. Use AMPECT as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control, including where appropriate other fungicides with a different mode of action.

#### BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, KALE (WINTER GREENS), COLLARDS (SPRING GREENS), BROCCOLI AND CALABRESE

#### Timing

Before applying AMPECT, ensure the crop is free from any stress caused by environmental or agronomic effects. Always inspect crops to assess disease development immediately before spraying. Best results will be achieved from applications made in the earliest stage of disease development or as a protectant treatment following a disease risk assessment or the use of appropriate decision support systems.

Brassicas can be treated from BBCH 16-49.

A second treatment may be required if disease pressure remains high. A minimum interval of 12 days must be observed between applications to brassicae.

#### Rate Of Use

1 litre per hectare

A maximum total dose of 500g azoxystrobin must not be exceeded within a 12 month period on the same field.

#### **Resistance Management**

To avoid the likelihood of resistance developing, application of AMPECT should be made with due regard to current FRAG-UK guidelines for Qol compound. Do not apply more than a total of two applications of AMPECT to any brassica crop.

### OUTDOOR AND PROTECTED LETTUCE, EK MC (INCLUDING THISEE AND ESCAROLE), CHICORY (RADICCHIO)

#### Timing

Before applying AMPECT, ensure the crop is ree from any stress caused by environmental or agronomic effects. Always inspect or us to assess disea e development immediately before spraying. Best results will be achieved from applications made in the earliest stage of disease development or as a protectant treatment for mapplications results will be achieved from applications made in the earliest stage of disease development or as a protectant treatment for mapplications made in the earliest stage of appropriate decision support systems.

Lettuce, Endive (including trisee and escarole, and chicory (radicchio) can be treated from BBCH 14 -49.

A minimum interval of 7 days must be observed between applications for both protected and outdoor uses.

#### Rate of Use

1.0 litre per hectare.

A maximum total dose of 500g azoxystrobin must not be exceeded within a 12 month period on the same field.

#### **Resistance Management**

Use AMPECT as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control including, where appropriate, other fungicides with a different mode of action.

To avoid the likelihood of resistance developing, application of AMPECT should be made with due regard to current FRAG-UK guidelines for Qol compounds. Do not apply more than a total of two applications, when used as part of a programme.

#### OUTDOOR AND PROTECTED STRAWBERRY

#### Timing

For optimum results apply AMPECT as a protectant spray at the beginning of flowering. Two further applications can be made if disease pressure remains high. Application should be made in sequence with other products as part of a fungicide programme during flowering at a minimum interval of 7 days.

Strawberries can be treated from BBCH 51-89.

A minimum interval of 7 days must be observed between applications to all strawberry crops.

#### Rate of Use

1.0 litre per hectare.

#### Processing

Where a crop is destined for processing, consult your processor before treating with AMPECT.

#### **Resistance Management**

Use AMPECT as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control, including where appropriate other fungicides with a different mode of action.

To avoid the likelihood of resistance developing, applications of AMPECT should be made with due regard to current FRAC guidelines for QoI compounds as ii. Juna d below in the following table:

Total number of fungicide spray applications per crop	1	2	2	4	5	6	7
Maximum recommended solo Qol fungicide sprays	1		2	2	2	2	2
Maximum recommended QoI fungicide sprays in mixture		2	2	2	2	3	3

No more than 3 applications of AMPECT a e per nirted per cro

#### QUALIFIED USE RECOMMENDATION

Lupins

The following uses are supported to a limited a not nt of effectiveness data which indicate that the use of AMPECT at 1.0 l/ha may provide some us at a civity against Rust (*Uromyces spp.*) on Lupins.

#### MIXING AND SPRAYING

Ensure that the sprayer is clean and cor ectly set to give an even application at the required volume. Half-fill the spray tank with clean water , d start agitation. Shake the container and add the required amount of AMPECT to the sprayer using a filling device (e.g. induction bowl or closed transfer unit) or by direct addition to the sprayer tank.

Wash out containers thoroughly, preferably using an integrated pressure rinsing device, or manually rinse three times. Add washings to the sprayer at the time of filling. Complete filling to the required volume and continue to agitate throughout the spraying operation.

Do not leave the spray liquid in the sprayer for long periods (such as during meal breaks or overnight).

#### VOLUME OF WATER AND SPRAYING

#### OUTDOOR CROPS

Apply using a medium quality spray (BCPC) at a pressure of at least 2 bar. Apply through conventional crop spraying equipment calibrated to give an even application at the correct volume.

Strawberries : Apply in at least 300 litres of water per hectare

Brussels sprouts, cabbage, cauliflower, kale (winter greens), collards (spring greens), broccoli, <u>calabrese</u>: Apply in at least 250 littre of water per hectare <u>Green beans, broad beans</u>: Apply in at least 150 littres of water per hectare <u>Lettuce and associated crops</u>: Apply in at least 300 litres of water per hectare <u>Cereals, combining peas, fresh peas, field beans, lupins, oilseed rape, carrots, leek, bulb onions, garlic</u> <u>and shallots</u>: Apply in at least 200 litres of water per hectare

In dense crops, increase the water volume to improve coverage

#### Asparagus:

For conventional tractor mounted crop spraying equipment, apply in at least 600 litres of water per hectare using a medium quality sprayer (BCPC) at a presssure of at least 2 bar.

For hand-held spraying equipment, apply in at least 200 litres of water per hectare.

#### Potatoes

**In-furrow application use:** Apply between 50-150 litres of water per hectare. Apply using specialist in-furrow application equipment. Contact Syngenta UK Ltd for further details on suitable manufacturers of these sprayers.

Foliar application: Apply in at least 200 litres of water per hectare.

#### INDOOR CROPS

Application should be made via a hydraulic nozzle oplicator e.g. motorised sprayer with hand or boom lance or via a knapsack sprayer.

Lettuce and associated crops: Apply in at leas 200 lives of water per hectare Strawberry: Apply in at least 100 litres of water per hectare

#### AFTER SPRAYING

Thoroughly wash out sprayer accc dir g to manufacture's guidelines and dispose of washing and clean containers according to Per Rr. Code of Practice and local water authority guidelines.

#### COMPANY ADVISORY IN FORM. TION

This information is not part of the appliced at el under the Plant Protection Product Regulations (2003) but provides additional Company advice on the product use.

#### Good Field Practice

As part of our Product Stewardship policy, Syngenta UK Ltd recommend the following precautions should also be observed :

• Wear appropriate clothing - coveralls and protective gloves, when handling the concentrate.

#### Agricultural Practice

#### Integrated Crop Management

Laboratory data indicate that when used as directed AMPECT has no adverse effects on the following beneficial species.

Earthworm (Eisenia fetida); Bees (Apis and Bombus spp.); Parasitic Wasps (Trichogramma cacoeciae, Aphidis spp. and Encarsia formosa); Aphid Predators (Coccinella septempuncata, Chrysoperia carnea, Episyrphus balteatus); Predatory mites (Phytoseiulus persimilis, Amblyseius degenerans); Spider (Pardosa spp.); Predatory bugs (Macrolophus caliginosus, Orius laevigatus); Carabid Beetle (Poecilus cupreus).

#### **Resistance Management**

AMPECT contains azoxystrobin a member of the QoI cross resistance group. AMPECT should be used preventatively and should not be relied on for its curative potential. Disease control may be reduced if strains of pathogens less senstive to azoxystrobin develop.

Use AMPECT as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control, including where appropriate other fungicides with a different mode of action.

To avoid the likelihood of resistance developing, application of AMPECT should be made with due regard to current FRAG-UK guidelines for Qol compound.

This product is to be used only in accordance with the recommendations and instructions given on the labels provided with this pack.

