

SCHEDULE 1

Articles 4(1) and 5(1)

PLANT PESTS

PART I

PLANT PESTS WHICH

(1) MAY NOT BE LANDED

(2) MAY NOT BE KEPT etc. UNLESS SPECIFIED IN PART III

(3) MUST BE NOTIFIED UNLESS SPECIFIED IN PART III

A.

Live organisms of the animal kingdom at all stages of their existence

1. *Amauromyza maculosa*(Malloch)—an American leafminer
2. *Cacoecimorpha pronubana*(Hübner)—Carnation Tortrix Moth
3. *Ceratitis capitata*(Wiedemann)—Mediterranean Fruit Fly
4. *Comstockaspis perniciosus*(Comstock) (syn.*Quadraspidotus perniciosus*(Comstock))—San José Scale
5. *Conotrachelus nenuphar*(Herbst)—Plum Curculio (a weevil)
6. *Epichoristodes acerbella*(Walker)—African Carnation Tortrix Moth
7. *Frankliniella occidentalis*(Pergande)—Western Flower Thrips
8. *Globodera rostochiensis*(Wollenweber) Behrens and *Globodera pallida*(Stone) Behrens—Potato Cyst Nematodes
9. *Helicoverpa armigera*(Hübner) and *H. zea*(Boddie)—Old and New World Bollworms
10. *Hyphantria cunea*(Drury)—Fall Webworm
11. *Leptinotarsa decemlineata*(Say)—Colorado Beetle
12. *Liriomyza huidobrensis*(Blanchard), *L. sativae* Blanchard and *L. trifolii*(Burgess)—American Leafminers
13. *Phthorimaea operculella*(Zeller)—Potato Tuber Moth
14. *Popillia japonica* Newman—Japanese Beetle
15. *Rhagoletis cerasi*(L.)—European Cherry Fruit Fly
16. *Spodoptera littoralis*(Boisduval)—Mediterranean Climbing Cutworm
17. *Spodoptera litura*(Fabricius)—Asian and Pacific Cutworm
18. Trypetidae (non-European):
  - (a) *Rhagoletis cingulata*(Loew)—North American Cherry Fruit Fly
  - (b) *Rhagoletis completa* Cresson—Walnut Husk Fly
  - (c) *Rhagoletis fausta*(Osten Sacken)—Black Cherry Fruit Fly
  - (d) *Rhagoletis pomonella*(Walsh)—Apple Fruit Fly
  - (e) *Anastrepha fraterculus*(Wied.)—South American Fruit Fly

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- (f) *Anastrepha ludens*(Loew)—Mexican Fruit Fly
- (g) *Anastrepha mombinpraeoptans* Sein—West Indian Fruit Fly
- (h) *Ceratitits rosa* Karsch—Natal Fruit Fly
- (i) *Dacus cucurbitae*(Coq.)—Melon Fly
- (j) *Dacus dorsalis* Hendel—Oriental Fruit Fly
- (k) Other harmful Trypetidae in so far as they do not exist in Europe.

B.

Bacteria

1. *Clavibacter michiganense* pv.*sepedonicum*(Spieck. and Kotth.) Davis et al.(syn.*Corynebacterium sepedonicum*(Spieck. and Kotth.) Skapt. and Burkh.), the cause of Potato Ring Rot.

2. *Erwinia amylovora*(Burr.) Winslow et al., the cause of Fire Blight of Rosaceae.

C.

Cryptogams

1. *Angiosorus solani* Thirum. and O'Brien, the cause of Potato Smut.

2. *Synchytrium endobioticum*(Schilb.) Perc., the cause of Wart Disease of Potatoes.

D.

Viruses and Virus-Like Pathogens

1. Harmful viruses and virus-like pathogens of the genera *Cydonia* Mill., *Fragaria* L., *Malus* Mill., *Prunus* L., *Pyrus* L., *Ribes* L. and *Rubus* L.:—

- (a) Apple Proliferation Disease mycoplasm
- (b) Apricot Chlorotic Leaf Roll Disease mycoplasm
- (c) Cherry Rasp Leaf virus (American)
- (d) Peach Mosaic virus (American)
- (e) Peach Phony rickettsia
- (f) Peach Rosette Disease mycoplasm
- (g) Peach Yellowing Disease mycoplasm
- (h) Pear Decline Disease mycoplasm
- (i) Plum Line Pattern virus (American)
- (j) Plum Pox (Sharka) virus
- (k) Raspberry Leaf Curl viruses (American)
- (l) Strawberry Latent “C” virus
- (m) Strawberry Vein Banding virus
- (n) Strawberry Witches' Broom Disease mycoplasm
- (o) X Disease mycoplasm.
- (p) Other harmful viruses and virus-like pathogens of the genera *Cydonia* Mill., *Fragaria* L., *Malus* Mill., *Prunus* L., *Pyrus* L., *Ribes* L. and *Rubus* L. which are not known to occur within the Member States.

2. Harmful viruses and virus-like pathogens of potato:—

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- (a) Potato Yellow Dwarf virus
  - (b) Potato Yellow Vein virus
  - (c) Other harmful viruses and virus-like pathogens of potato which are not known to occur within the Member States.
3. Rose Wilt Disease complex (syn. Rose Dieback, Rose Leaf Curl, Rose Proliferation, Rose Spring Dwarf and Rose Stunt).
  4. Potato Spindle Tuber viroid.
  5. Tomato Ring Spot virus.
  6. Harmful viruses and virus-like pathogens of grapevine (*Vitis* L.).
  7. Beet Necrotic Yellow Vein virus—the cause of Beet Rhizomania Disease.

## PART II

### (1) PLANTS WHICH MAY NOT BE LANDED IF CARRYING OR INFECTED WITH THE PLANT PESTS SPECIFIED

### (2) PLANTS WHICH MAY NOT BE KEPT etc. IF CARRYING OR INFECTED WITH THE PLANT PESTS SPECIFIED UNLESS SPECIFIED IN PART III

### (3) PLANT PESTS WHICH MAY NOT BE KEPT etc. UNLESS SPECIFIED IN PART III

### (4) PLANT PESTS WHICH MUST BE NOTIFIED UNLESS SPECIFIED IN PART III

#### A.

Live organisms of the animal kingdom, at all stages of their existence

| Item<br>(1) | Description of plant pests<br>(2)  | Description of plants<br>(3)   |
|-------------|--|--|
| 1.          | <i>Anarsia lineatella</i> Zeller—<br>Peach Twig Borer  | Plants of <i>Cydonia</i> Mill., <i>Malus</i> Mill., <i>Prunus</i> L., <i>Pyrus</i> L. other than fruit and seeds   |
| 2.          | <i>Rhopalomyia chrysanthemi</i> (Ahlberg) (syn. <i>Diarthronomyia chrysanthemi</i> Ahlb.)—<br>Chrysanthemum Gall Midge | Plants of chrysanthemum ( <i>Chrysanthemum</i> L. partim) other than seeds   |
| 3.          | <i>Ditylenchus destructor</i> Thorne—<br>Potato Tuber Nematode   | Flower bulbs and tubers of potato ( <i>Solanum tuberosum</i> L.)   |
| 4.          | <i>Ditylenchus dipsaci</i> (Kühn) Filipjev—<br>Stem Nematode   | Seeds and bulbs of <i>Allium cepa</i> L., <i>Allium porrum</i> L. and <i>Allium schoenoprasum</i> L. intended for planting, seeds of lucerne ( <i>Medicago sativa</i> L.) and flower bulbs |

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| Item<br>(1) | Description of plant pests<br>(2)   | Description of plants<br>(3)  |
|-------------|---|---|
| 5.          | <i>Caloptilia azaleella</i> (Brants)<br>(syn. <i>Gracillaria azaleella</i><br>Brants)—Azalea Leafminer                  | Plants of azalea<br>( <i>Rhododendron</i> L. partim)  |
| 6.          | <i>Merodon equestris</i> (Fabricius)<br>(syn. <i>Lampetia equestris</i><br>Fabricius)—Large Narcissus<br>Fly            | Flower bulbs and flower corms   |
| 7.          | <i>Laspeyresia molesta</i> (Busck)—<br>Oriental Fruit Moth  | Plants of <i>Cydonia</i> Mill., <i>Malus</i><br>Mill., <i>Prunus</i> L. and <i>Pyrus</i> L.,<br>other than fruit and seeds  |
| 8.          | <i>Radopholus citrophilus</i><br>Huettel, Dickson and Kaplan—<br>a Burrowing Nematode                                   | Plants of Araceae, <i>Citrus</i><br>L., <i>Fortunella</i><br>Swingle, Marantaceae,<br>Musaceae, <i>Persea americana</i><br>Mill., <i>Poncirus</i> Raf.,<br>Strelitziaceae, rooted or with<br>growing medium attached or<br>associated |
| 9.          | <i>Radopholus similis</i> (Cobb)<br>Thorne—a Burrowing<br>Nematode  | Plants of Araceae,<br>Marantaceae, Musaceae,<br>Strelitziaceae, rooted or with<br>growing medium attached or<br>associated  |
| 10.         | <i>Daktulosphaira</i><br><i>vitifoliae</i> (Fitch) (syn. <i>Viteus</i><br><i>vitifolii</i> (Fitch))—Grape<br>phylloxera | Plants of <i>Vitis</i> L. other than<br>fruit and seeds   |

## B.

## Bacteria

| Item<br>(1) | Description of plant pests<br>(2)   | Description of plants<br>(3)   |
|-------------|---|--|
| 1.          | <i>Clavibacter michiganense</i><br>subsp. <i>insidiosum</i> (McCulloch)<br>Davis et<br><i>al.</i> (syn. <i>Corynebacterium</i><br><i>insidiosum</i> (McCulloch)<br>Jensen)—Bacterial Wilt of<br>Lucerne | Seeds of lucerne ( <i>Medicago</i><br><i>sativa</i> L.)  |
| 2.          | <i>Clavibacter michiganense</i><br>subsp. <i>michiganense</i> (E.F.<br>Smith) Davis et<br><i>al.</i> (syn. <i>Corynebacterium</i><br><i>michiganense</i> (E.F. Smith)                                   | Plants of tomato ( <i>Lycopersicon</i><br><i>lycopersicum</i> L.) Karsten<br>ex Farwell (syn. <i>Solanum</i><br><i>lycopersicum</i> L.), other than<br>fruit |

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| Item<br>(1) | Description of plant pests<br>(2)   | Description of plants<br>(3)  |
|-------------|---|---|
| 3.          | Jensen)—Bacterial Canker of Tomato<br><br><i>Erwinia chrysanthemi</i> Burkh. <i>et al.</i> — Slow Wilt of Carnation and Bacterial Blight of Chrysanthemum                             | Plants of carnation ( <i>Dianthus</i> L.) and plants of <i>Dendranthema</i> (DC.) Des Moulins including florists' chrysanthemum, other than cut flowers and seeds   |
| 4.          | <i>Pseudomonas caryophylli</i> (Burkh.) Starr and Burkh.—Bacterial Wilt of Carnation  | Plants of carnation ( <i>Dianthus</i> L.) other than cut flowers and seeds  |
| 5.          | <i>Pseudomonas gladioli</i> pv. <i>gladioli</i> Severini (syn. <i>Pseudomonas gladioli</i> Severini) (syn. <i>Pseudomonas marginata</i> McCulloch Stapp) —Gladiolus Scab and Neck Rot | Corms of gladiolus ( <i>Gladiolus</i> L.) and corms of freesia ( <i>Freesia</i> Klatt)  |
| 6.          | <i>Pseudomonas syringae</i> pv. <i>pisi</i> (Sackett) Younget al.(syn. <i>Pseudomonas pisi</i> Sackett)—Bacterial Blight of Pea   | Seeds of pea ( <i>Pisum sativum</i> L.)   |
| 7.          | <i>Pseudomonas solanacearum</i> (E.F. Smith) Jensen—Potato Brown Rot  | Plants (other than fruit and seeds) of tomato ( <i>Lycopersicon lycopersicum</i> L.) Karsten ex Farwell (syn. <i>Solanum lycopersicum</i> L.) and aubergine ( <i>Solanum melongena</i> L.), and plants of potato ( <i>Solanum tuberosum</i> L.) |
| 8.          | <i>Pseudomonas andropogonis</i> (E.F. Smith) Stapp (syn. <i>Pseudomonas woodsii</i> (E.F. Smith) Stev.)—Carnation Bacterial Leaf Spot   | Plants of carnation ( <i>Dianthus</i> L.) other than cut flowers and seeds  |
| 9.          | <i>Xanthomonas campestris</i> pv. <i>pruni</i> (E.F. Smith) Dye—Bacterial Spot of Prunus  | Plants of <i>Prunus</i> L., intended for planting, other than seeds   |
| 10.         | <i>Xanthomonas fragariae</i> Kennedy and King—Strawberry Angular Leafspot   | Plants of <i>Fragaria</i> L., intended for planting, other than seeds   |
| 11.         | <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> (Doidge) Dye (syn. <i>Xanthomonas</i>  | Plants of tomato ( <i>Lycopersicon lycopersicum</i> L.) Karsten ex Farwell (syn. <i>Solanum</i>   |

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|-------------|--|---|
|             | <i>vesicatoria</i> (Doidge) Dowson)<br>—Bacterial Spot of Pepper and<br>Tomato | <i>lycopersicum</i> L.) other than<br>fruit |

## C.

## Cryptogams

| Item<br>(1) | Description of plant pests<br>(2)   | Description of plants<br>(3)  |
|-------------|---|---|
| 1.          | <i>Didymella chrysanthemi</i> (Tassi)<br>Garibaldi and Gullino<br>(syn. <i>Mycosphaerella ligulicola</i><br>Baker <i>et al.</i> )—Chrysanthemum<br>Ray Blight | Plants of chrysanthemum<br>( <i>Chrysanthemum</i> L. sensu lato<br>including <i>Dendranthema</i> (DC.)<br>Des Moulins)                                  |
| 2.          | <i>Fusarium oxysporum</i> Schlecht.<br>f.sp. <i>gladioli</i> (Massey) Snyder<br>and Hansen—Fusarium<br>Yellows and Corm Rot                                   | Corms of freesia ( <i>Freesia</i><br>Klatt), gladiolus ( <i>Gladiolus</i><br>L.), and crocus ( <i>Crocus</i> L.) and<br>bulbs of iris ( <i>Iris</i> L.) |
| 3.          | <i>Guignardia baccae</i> (Cav.) Jacz.<br>—Vine Black Rot  | Plants of <i>Vitis</i> L. other than<br>fruit and seeds   |
| 4.          | <i>Ovulinia azaleae</i> Weiss—<br>Rhododendron Petal Blight   | Plants of azalea<br>( <i>Rhododendron</i> L.)   |
| 5.          | <i>Phialophora</i><br><i>cinerescens</i> (Wollenw.)<br>V. Beyma—a Carnation<br>Wilt (previously known as<br>Verticillium Wilt of Carnation)                   | Plants of carnation ( <i>Dianthus</i><br>L.) other than cut flowers and<br>seeds  |
| 6.          | <i>Phytophthora fragariae</i><br>Hickman—Red Core Disease<br>of Strawberries  | Plants of strawberry ( <i>Fragaria</i><br>L.) other than fruit and seeds  |
| 7.          | <i>Puccinia horiana</i> P. Henn.—<br>Chrysanthemum White Rust   | Plants of chrysanthemum<br>( <i>Chrysanthemum</i> L. sensu lato<br>including <i>Dendranthema</i> (DC.)<br>Des Moulins)                                  |
| 8.          | <i>Puccinia pelargonii-zonalis</i><br>Doidge—Pelargonium Rust   | Plants of pelargonium<br>( <i>Pelargonium</i> L'Hérit. partim)  |
| 9.          | <i>Sclerotinia bulborum</i> (Wakk.)<br>Rehm—Hyacinth Black Slime  | Flower bulbs  |
| 10.         | <i>Sclerotinia convoluta</i> Drayt.—<br>Botrytis Rot of Iris  | Rhizomes of iris ( <i>Iris</i> L.)  |
| 11.         | <i>Septoria gladioli</i> Passer.—<br>Gladiolus Hard Rot   | Flower bulbs and flower corms   |

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|-------------|--|---|
| 12.         | <i>Stromatinia gladioli</i> (Drayt.)<br>Whet.—Gladiolus Dry Rot  | Flower bulbs and flower corms   |
| 13.         | <i>Uromyces</i> spp.—Gladiolus<br>Rust   | Plants of gladiolus ( <i>Gladiolus</i><br>L.)   |
| 14.         | <i>Verticillium albo-atrum</i> Reinke<br>and Berth.—Verticillium Wilt<br>of Hop and Lucerne (including<br>Progressive Wilt Disease of<br>Hops) | Plants of hop ( <i>Humulus</i><br><i>lupulus</i> L.) and seeds of<br>lucerne ( <i>Medicago sativa</i> L.) |

## D.

## Viruses and Virus-Like Pathogens

| Item<br>(1) | Description of plant pests<br>(2)     | Description of plants<br>(3)  |
|-------------|---------------------------------------|---|
| 1.          | Arabis Mosaic virus                   | Plants of strawberry ( <i>Fragaria</i><br>L.), blackberry and raspberry<br>( <i>Rubus</i> L. partim), intended for<br>planting, other than seeds  |
| 2.          | Beet Curly Top virus                  | Plants of <i>Beta</i> L., intended for<br>planting, other than seeds  |
| 3.          | Beet Leaf Curl virus                  | Plants of Beet ( <i>Beta vulgaris</i><br>L.), intended for planting,<br>other than seeds  |
| 4.          | Black Raspberry Latent virus          | Plants of <i>Rubus</i> L., intended for<br>planting   |
| 5.          | Cherry Leaf Roll virus                | Plants of <i>Rubus</i> L., intended for<br>planting   |
| 6.          | Cherry Necrotic Rusty Mottle<br>virus | Plants of sweet cherry ( <i>Prunus</i><br><i>avium</i> L.), intended for<br>planting, other than seeds  |
| 7.          | Chrysanthemum Stunt viroid            | Plants of chrysanthemum<br>( <i>Chrysanthemum</i> L. partim),<br>other than seeds and cut<br>flowers  |
| 8.          | Little Cherry pathogen                | Plants of morello cherry<br>( <i>Prunus cerasus</i> L.), sweet<br>cherry ( <i>Prunus avium</i> L.),<br>ornamental cherries ( <i>Prunus</i><br><i>incisa</i> Thunb.; <i>Prunus</i><br><i>sargentii</i> Rehd.; <i>Prunus</i><br><i>serrula</i> Franch.; <i>Prunus</i><br><i>serrulata</i> Lindl.; <i>Prunus</i><br><i>speciosa</i> (Koidz.) |

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|-------------|-----------------------------------|---|
|             |                                   | Ingram; <i>Prunus subhirtella</i> Miq.; <i>Prunus xyedoensis</i> Matsum.), intended for planting, other than seeds, originating in countries outside Europe |
| 9.          | Prunus Necrotic Ring Spot virus   | Plants of <i>Rubus</i> L., intended for planting  |
| 10.         | Raspberry Ring Spot virus         | Plants of strawberry ( <i>Fragaria</i> L.), blackberry and raspberry ( <i>Rubus</i> L. partim), intended for planting, other than seeds                     |
| 11.         | Stolbur Disease mycoplasma        | Plants of the family Solanaceae, intended for planting, other than fruit and seeds  |
| 12.         | Strawberry Crinkle virus          | Plants of strawberry ( <i>Fragaria</i> L.), intended for planting, other than seeds   |
| 13          | Strawberry Latent Ring Spot virus | Plants of strawberry ( <i>Fragaria</i> L.), blackberry and raspberry ( <i>Rubus</i> L. partim), intended for planting, other than seeds                     |
| 14.         | Strawberry Yellow Edge virus      | Plants of strawberry ( <i>Fragaria</i> L.), intended for planting, other than seeds   |
| 15.         | Tomato Black Ring virus           | Plants of strawberry ( <i>Fragaria</i> L.), blackberry and raspberry ( <i>Rubus</i> L. partim), intended for planting, other than seeds                     |
| 16.         | Tomato Spotted Wilt virus         | Plants of potato ( <i>Solanum tuberosum</i> L.)   |

### PART III

PLANT PESTS SPECIFIED IN PARTS I AND II WHICH, IN SO FAR AS THEY ARE OF A SUBSPECIES OR STRAIN NORMALLY PRESENT IN GREAT BRITAIN, MAY BE KEPT etc. (WHETHER OR NOT IN ASSOCIATION WITH PLANTS) AND NEED NOT BE NOTIFIED

#### A.

Live organisms of the animal kingdom at all stages of their existence

1. *Cacoecimorpha pronubana* (Hübner)—Carnation Tortrix Moth



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2. *Rhopalomyia chrysanthemi*(Ahlberg)—(syn.*Diarthronomyia chrysanthemi* Ahlb.)—Chrysanthemum Gall Midge
3. *Ditylenchus destructor* Thorne—Potato Tuber Nematode
4. *Ditylenchus dipsaci*(Kühn) Filipjev—Stem Nematode
5. *Caloptilia azaleella*(Brants) (syn.*Gracillaria azaleella* Brants)—Azalea Leafminer
6. *Globodera rostochiensis*(Wollenweber) Behrens and *Globodera pallida*(Stone) Behrens—Potato Cyst Nematodes
7. *Merodon equestris*(Fabricius) (syn.*Lampetia equestris* Fabricius)—Large Narcissus Fly

#### B.

##### Bacteria

1. *Clavibacter michiganense* subsp.*insidiosum*(McCulloch) Davis et al.(syn.*Corynebacterium insidiosum*(McCulloch) Jensen)—Bacterial Wilt of Lucerne
2. *Erwinia chrysanthemi* Burkh. et al.— Slow Wilt of Carnation and Bacterial Blight of Chrysanthemum
3. *Erwinia amylovora*(Burr.) Winslow et al., the cause of Fire Blight of Rosaceae, other than in the fire blight free region and other than on nurseries outside that region.
4. *Pseudomonas gladioli* pv.*gladioli* Severini (syn.*Pseudomonas gladioli* Severini) (syn.*Pseudomonas marginata*(McCulloch Stapp))—Gladiolus Scab and Neck Rot, on gladiolus (*Gladiolus* L.) and freesia (*Freesia* Klatt.)

#### C.

##### Cryptogams

1. *Didymella chrysanthemi*(Tassi) Garibaldi and Gullino (syn.*Mycosphaerella ligulicola* Baker et al.)—Chrysanthemum Ray Blight
2. *Fusarium oxysporum* Schlecht. f.sp.*gladioli*(Massey) Snyder and Hansen—Fusarium Yellows and Corm Rot
3. *Ovulinia azaleae* Weiss—Rhododendron Petal Blight
4. *Phialophora cinerescens*(Wollenw.) V. Beyma—a Carnation Wilt (previously known as Verticillium Wilt of Carnation)
5. *Phytophthora fragariae* Hickman—Red Core Disease of Strawberries, in Scotland
6. *Puccinia pelargonii-zonalis* Doidge—Pelargonium Rust
7. *Sclerotinia bulborum*(Wakk.) Rehm—Hyacinth Black Slime
8. *Stromatinia gladioli*(Drayt.) Whet.—Gladiolus Dry Rot
9. *Verticillium albo-atrum* Reinke and Berth.—Verticillium Wilt of Hops and Lucerne other than strains causing Progressive Wilt Disease of Hops

#### D.

##### Viruses and Virus-Like Pathogens

1. Arabis Mosaic virus
2. Cherry Necrotic Rusty Mottle virus
3. Chrysanthemum Stunt viroid

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4. Plum Pox (Sharka) virus, other than on nurseries
5. Raspberry Ring Spot virus
6. Rose Proliferation and Dieback (part of the Rose Wilt Disease complex)
7. Strawberry Crinkle virus
8. Strawberry Latent Ring Spot virus
9. Strawberry Yellow Edge virus
10. Tomato Black Ring virus