

Rev. 3

Point A7

SANTE D4

# **WORKING DOCUMENT SANTE/ 11896/2016**

Outcome of the evaluation procedure of survey programme submitted by Member States for Union financial contribution for 2017: list of the programmes technically approved and amount allocated to each programme.

#### 1. General information

The current legal framework for which financial contribution from the Union for plant health survey programmes can be granted is Regulation (EU) No 652/2014 which entered into force on 30 June 2014.

Regulation (EU) No 652/2014 foresees that the Commission shall adopt the annual or multiannual work programme by 30 April of the year preceding the execution of the measures of the work programme.

The work programme for the implementation of plant health survey programmes for the years 2017-2018 was adopted on 28 April 2016<sup>2</sup>.

In the work programme, the pest that may be co-funded in priority for the years 2017 and 2018 have been identified and divided into four priority category (A, B, C and D), on the basis of Annex III to Regulation (EU) No 652/2014 which sets out priorities for the Union financial support, as regards the orientation of survey programmes.

In order to ensure the financial support by the Union to the implementation by the Member States' competent authorities of the survey programmes for plant health, a financing Decision for the year 2017 and 2018 has been adopted by 18 August 2016<sup>3</sup> and the maximum Union contribution was set up at: EUR 15.000.000 for 2017...

This document aims to provide the Member States with the list of plant health surveys pests programme technically approved for Union financial contribution for the year 2017 and the preliminary amount allocated to each programme.

Based on provisions of Article 22 of the Regulation (EU) No 652/2014 it contains:

- the list of national programmes technically approved and proposed for co-financing,
- > the provisional amount allocated to each programme,
- > the provisional maximum level of the Union financial contribution for each programme

Eligible costs concerning plant health surveys pests programme for the year 2017 are detailed in working document SANTE/10646/2016/Rev 2 ("Guidelines for the Union co-funded programmes of Surveys programmes for pests)<sup>4</sup>

<sup>&</sup>lt;sup>1</sup> OJ L 189, 27.06.2014, p.1

<sup>&</sup>lt;sup>2</sup> Commission implementing Decision of 28.4.2016 on the adoption of the work programme for 2017-2018 for the implementation of survey programmes for pests [C(2016) 2465 final).

<sup>&</sup>lt;sup>3</sup> Commission implementing Decision of 18.8.2016 on the adoption of the financing decision for the years 2017-2018 for the implementation of survey programmes for pests [C(2016) 5277 final]

 $<sup>{}^{4} \</sup> http://ec.europa.eu/dgs/health\_food-safety/funding/cff/docs/plant\_survey-prog\_application\_guidelines\_2017.pdf$ 

## 2. Eligible programmes

The following priorities for 2017 have been identified:

#### 2.1 Pest Priority A

- 1. Current priority category concerns pests which listed in Section I of Part A of Annex I and Section I of Part A of Annex II to Directive 2000/29/EC as not known to occur in the Union territory ('not known to occur listed pests'), to which an indicative 30 % of the available commitment appropriations on budget line 17 04 02 shall be dedicated..
  - i. pests of fruit trees and plants:;
  - ii. pests of cereal crops;
  - iii. pests of deciduous trees;
  - iv. pests of coniferous trees;
  - v. miscellaneous pests
- 2. The programme for pests priority category (a) submitted by Austria, Belgium, Cyprus, Czech Republic, Germany, Denmark, Estonia, Spain, Finland, France, Greece, Croatia, Hungary, Italy, Lithuania, Luxembourg, Latvia, Malta, Netherlands, Poland, Portugal, Sweden, Slovenia and Slovakia are eligible for Union financial contribution for the period from 1<sup>st</sup> January 2017 to 31<sup>st</sup> December 2017.
- 3. The financial contribution by the Union to Austria, Belgium, Germany, Denmark, Spain, Finland, France, Italy, Luxembourg, Netherlands, and Sweden for the year 2017 shall be at a rate of 50% and shall not exceed the following:
  - a. EUR 20 000 for Austria;
  - b. EUR 38 000 for Belgium;
  - c. EUR 120 000 for Germany
  - d. EUR 39 000 for Denmark
  - e. EUR 551 000 for Spain
  - f. EUR 11 000 for Finland
  - g. EUR 139 000 for France
  - h. EUR 686 000 for Italy
  - i. EUR 3 000 for Luxembourg
  - j. EUR 159 000 for Netherlands
  - k. EUR 28 000 for Sweden
- 4. The financial contribution by the Union to Cyprus, Czech Republic, Estonia, Greece, Croatia, Hungary, Lithuania, Latvia, Malta, Poland, Portugal, Slovenia and Slovakia for the year 2017 shall be at a rate of 75% and shall not exceed the following:
  - 1. EUR 21 000 for Cyprus
  - m. EUR 27 000 for Czech Republic

- n. EUR 16 000 for Estonia
- o. EUR 212 000 for Greece
- p. EUR 103 000 for Croatia
- q. EUR 13 000 for Hungary
- r. EUR 2 000 for Lithuania
- s. EUR 31 000 for Latvia
- t. EUR 28 000 for Malta
- u. EUR 32 000 for Poland
- v. EUR 200 000 for Portugal
- w. EUR 37 000 for Slovenia
- x. EUR 49 000 for Slovakia

## 2.2. Pest Priority B

- 1. Current priority category concerns pests subject to Union measures adopted by the Commission in accordance with Article 16(3) of Directive 2000/29/EC, to which an indicative 35 % of the available commitment appropriations on budget line 17 04 02 shall be dedicated.
- 2. The programme for pests priority category (b) submitted by Austria, Belgium, Cyprus, Czech Republic, Germany, Denmark, Estonia, Spain, Finland, France, Greece, Croatia, Hungary, Italy, Lithuania, Luxembourg, Latvia, Malta, Netherlands, Poland, Portugal, Sweden, Slovenia and Slovakia are eligible for Union financial contribution for the period from 1<sup>st</sup> January 2017 to 31<sup>st</sup> December 2017.
- 3. The financial contribution by the Union to Austria, Belgium, Germany, Denmark, Spain, Finland, France, Italy, Luxembourg, Netherlands, and Sweden for the year 2017 shall be at a rate of 50% and shall not exceed the following:
  - a. EUR 35 000 for Austria;
  - b. EUR 50 000 for Belgium;
  - c. EUR 408 000 for Germany
  - d. EUR 47 000 for Denmark
  - e. EUR 1 674 000 for Spain
  - f. EUR 67 000 for Finland
  - g. EUR 788 000 for France
  - h. EUR 1 535 000 for Italy
  - i. EUR 8 000 for Luxembourg
  - i. EUR 92 000 for Netherlands
  - k. EUR 52 000 for Sweden

- 4. The financial contribution by the Union to Cyprus, Czech Republic, Estonia, Greece, Croatia, Hungary, Lithuania, Latvia, Malta, Poland, Portugal, Slovenia and Slovakia for the year 2017 shall be at a rate of 75% and shall not exceed the following:
  - 1. EUR 27 000 for Cyprus
  - m. EUR 35 000 for Czech Republic
  - n. EUR 37 000 for Estonia
  - o. EUR 184 000 for Greece
  - p. EUR 100 000 for Croatia
  - q. EUR 31 000 for Hungary
  - r. EUR 13 000 for Lithuania
  - s. EUR 33 000 for Latvia
  - t. EUR 104 000 for Malta
  - u. EUR 97 000 for Poland
  - v. EUR 835 000 for Portugal
  - w. EUR 116 000 for Slovenia
  - x. EUR 87 000 for Slovakia

#### 2.3. Pest Priority C

- 1. Current priority category concerns pests which have the potential to generate a crisis situation with serious economic and environmental consequences and pests which have an impact on trade within the Union and with third countries, to which an indicative 25 % of the available commitment appropriations on budget line 17 04 02 shall be dedicated. Priority will be given to potato pests.
- 2. The programme for pests priority category (c) submitted by Austria, Belgium, Cyprus, Czech Republic, Germany, Denmark, Estonia, Spain, Finland, France, Greece, Croatia, Hungary, Italy, Lithuania, Luxembourg, Latvia, Malta, Netherlands, Poland, Portugal, Sweden, Slovenia and Slovakia are eligible for Union financial contribution for the period from 1st January 2017 to 31st December 2017.
- 3. The financial contribution by the Union to Austria, Belgium, Germany, Denmark, Spain, Finland, France, Italy, Luxembourg, Netherlands, and Sweden for the year 2017 shall be at a rate of 50% and shall not exceed the following:
  - a. EUR 54 000 for Austria;
  - b. EUR 179 000 for Belgium;
  - c. EUR 232 000 for Germany
  - d. EUR 59 000 for Denmark
  - e. EUR 417 000 for Spain
  - f. EUR 116 000 for Finland

- g. EUR 780 000 for France
- h. EUR 630 000 for Italy
- i. EUR 93 000 for Luxembourg
- j. EUR 226 000 for Netherlands
- k. EUR 6 000 for Sweden
- 1. The financial contribution by the Union to Cyprus, Czech Republic, Estonia, Greece, Croatia, Hungary, Lithuania, Latvia, Malta, Poland, Portugal, Slovenia and Slovakia for the year 2017 shall be at a rate of 75% and shall not exceed the following:
  - a. EUR 26 000 for Cyprus
  - b. EUR 58 000 for Czech Republic
  - c. EUR 25 000 for Estonia
  - d. EUR 100 000 for Greece
  - e. EUR 104 000 for Croatia
  - f. EUR 55 000 for Hungary
  - g. EUR 51 000 for Lithuania
  - h. EUR 25 000 for Latvia
  - i. EUR 21 000 for Malta
  - j. EUR 360 000 for Poland
  - k. EUR 154 000 for Portugal
  - 1. EUR 84 000 for Slovenia
  - m. EUR 67 000 for Slovakia

# 2.4. Pest Priority D

- 1. Current priority category concerns pests which represent an emerging risk for the Union territory, to which an indicative 10 % of the available commitment appropriations on budget line 17 04 02 will be dedicated.
- 2. The programme for pests priority category (d) submitted by Austria, Belgium, Czech Republic, Germany, Denmark, Estonia, Spain, Finland, France, Greece, Croatia, Hungary, Italy, Lithuania, Latvia, Malta, Netherlands, Poland, Portugal, Sweden, Slovenia and Slovakia are eligible for Union financial contribution for the period from 1st January 2017 to 31st December 2017.
- 3. The financial contribution by the Union to Austria, Belgium, Germany, Denmark, Spain, Finland, France, Italy, Netherlands, and Sweden for the year 2017 shall be at a rate of 50% and shall not exceed the following:
  - a. EUR 8 000 for Austria;
  - b. EUR 11 000 for Belgium;
  - c. EUR 105 000 for Germany

- d. EUR 15 000 for Denmark
- e. EUR 55 000 for Spain
- f. EUR 20 000 for Finland
- g. EUR 97 000 for France
- h. EUR 255 000 for Italy
- i. EUR 76 000 for Netherlands
- j. EUR 16 000 for Sweden
- 1. The financial contribution by the Union to Czech Republic, Estonia, Greece, Croatia, Hungary, Lithuania, Latvia, Malta, Poland, Portugal, Slovenia and Slovakia for the year 2017 shall be at a rate of 75% and shall not exceed the following:
  - a. EUR 18 000 for Czech Republic
  - b. EUR 12 000 for Estonia
  - c. EUR 46 000 for Greece
  - d. EUR 68 000 for Croatia
  - e. EUR 23 000 for Hungary
  - f. EUR 5 000 for Lithuania
  - g. EUR 10 000 for Latvia
  - h. EUR 15 000 for Malta
  - i. EUR 20 000 for Poland
  - j. EUR 82 000 for Portugal
  - k. EUR 41 000 for Slovenia
  - 1. EUR 28 000 for Slovakia

# 3. Eligible Costs for 2017 Survey Programme

The eligible costs incurred by the Member States in implementing the survey programme listed under point 2 are the following:

#### 3.1. Costs for sampling

## i) Visual inspection activity

# List of Eligible direct costs related to visual inspection activity

- 1. Costs for official personnel (regardless of their status), limited to actual salary costs for staff specifically allocated entirely or in part to the field work during the implementation of the specified activity of visual inspection. Only the actual time spent in the field (including travel time to and from the location) to perform the visual inspection will be considered as eligible.
- 2. Costs for contracted personnel specifically allocated entirely or in part in the field for doing the visual inspection activities related to 2017 2018 Survey programme for pests

# ii) Sampling activity

#### List of Eligible direct costs related to sampling activity

- 1. Costs for official personnel (regardless of their status), limited to actual salary costs for staff specifically allocated entirely or in part to field work during the implementation of the specified activity of sampling. Only the actual time spent in the field (including travel time to and from the location) to perform the sampling will be considered as eligible.
- 2. Consumables (limited to: gloves, scissors, knifes, sampling bags /bottles, substances for sample preservation, Petri plates for sampling, spray indicators) needed for the sampling process of pest sampling (soil, plant and trees only).
- 3. Costs for personnel contracted for activities entirely dedicated to the specified activity of sampling, related to 2017 2018 Survey programme for pests.

#### iii) Trapping activity

#### List of Eligible direct costs related to testing activity

- 1. Costs for official personnel (regardless of their status), limited to actual salary costs for staff specifically allocated entirely or in part in the field work during the implementation of the specified activity of trapping. Only the actual time spent in the field (including travel time to and from the location) to perform the trapping will be considered as eligible.
- 2. Costs for materials (only traps) and consumables (only attractants) needed for the trapping process of pest.
- Types of eligible traps: Pheromone traps, Mass trapping with baiting traps, Rotary traps, Sticky traps, Flight interception traps, Bait traps, Malaise traps, Glass-barrier traps.
- 3. Costs for personnel contracted for activities entirely dedicated to the specified activity of trapping, related to 2017 2018 Survey programme for pests.

#### 3.2. Costs for testing

# List of Eligible direct costs related to testing

- 1. Costs for official personnel (regardless of their status), limited to actual salary costs for staff specifically allocated entirely or in part on the premises of the laboratory during the implementation of the specified activity of testing. Only the actual time spent to perform the testing activity will be considered as eligible.
- 2. Costs for the test kits and reagents which are identifiable and specifically used for carrying out the tests.

Costs for consumables need for laboratory work (limited to: gloves, scissors, needles, loops, safety equipment for the staff, Petri plates for testing)

Costs invoiced by private entities contracted for activities entirely dedicated to the specified activity of testing, related to 2017 - 2018 Survey programme for pests.

# 3.3. Exceptional and dully justified costs

According the Regulation (EU) No 652/2014, only the costs mentioned in art. 20 (points (a) and (b)) and detailed above in the Guidelines may qualify for co-funding.

Nevertheless, in Art.20 point (c), the Regulation specifies that, in exceptional and duly justified cases, costs incurred in carrying out the survey programme, other than those referred above, may be considered eligible (e.g. information and awareness campaigns, replacement of host plants by non-host plants in a "clear-cut" area, purchase of equipment exclusively required for a specific outbreak etc).

Measures under point (c) should be listed by the Member States in their application, with proper justification and associated costs. The Commission shall evaluate the measures from a technical perspective and the costs from a financial perspective. If approved, these measures will be included in the Grant Decision and the relevant costs will be considered as eligible direct costs. If not included in the Grant Decision, these measures and the related costs are not considered eligible.

# 4. Union co-financing for survey programmes 2017

The total Union financial contribution for the survey programmes for 2017 amount to EUR 13 968 000.

Below, a table showing the distribution of the EU contribution amongst the four priority categories. To be noted that 2 different co-funded rates have been applied (as by Article 5 (2b) of (EU) Regulation 652/2014:

- a) The rate of 50% for Austria, Belgium, Germany, Denmark, Spain, Finland, France, Italy, Luxembourg; Netherlands, Sweden and
- b) The rate of 75% for Cyprus, Czech Republic, Estonia, Greece, Croatia, Hungary; Lithuania, Latvia, Malta, Poland, Portugal, Slovenia and Slovakia.

| <b>Priority Pests</b> | 50%            | 75%            | Total      |
|-----------------------|----------------|----------------|------------|
|                       | co-funded rate | co-funded rate |            |
| Category A            | 1.794.000      | 771.000        | 2.565.000  |
| Category B            | 4.756.000      | 1.699.000      | 6.455.000  |
| Category C            | 2.792.000      | 1.130.000      | 3.922.000  |
| Category D            | 658.000        | 368.000        | 1.026.000  |
| Total                 |                |                | 13.968.000 |

#### Annex I

#### Regulation 652/ 2014) by 31 May (Art. 21 of Regulation 652/ programme by 30 survey programme submission of application and MS Survey April (Art. 36 of . Adoption of work PROGRAMME SURVEY STEP 1 FLOWCHART on the steps needed to be followed by MS for 2017 Survey STEP 1 months after ω 2016 (year -1) Team addressed to MS by the Commission clarifications 2. Questions and **Health Evaluation** MS CLARIFICATION Commission Plant L. Evaluation by the STEP 2 STEP 2 months after 4 per MS a. List of approved presenting: conditions allocated b. Provisional programmes programmes according to MS adaptation of the 2. Modification amounts and . PAFF Committee SURVEY **APPROVAL** STEP 3 programmes for pests months STEP 3 after 2 PLANT HEALTH 2. Award decision by AOSD (Art. 121 of FR) for allocated presenting the final Authorities of MS the Competent programmes and amounts list of programmes Notification to approved Grant Decisions 1. PAFF Committee **GRANT DECISION** STEP 4 2017 (Year 1) STEP 4 months after 8 to the Competent budget, possible 2014) regulation 652/ decisions Reallocation of (Art. 23 of Authorities of MS New notification amendment of grant MS by 31 August interim reports by .. Submission of **INTERIM REPORTS** STEP 5 months STEP 5 after 6 payment by MS by 3. Payment by the Commission 2014) financial evaluation 30 April (Art. 24 of Regulation 652/ requests of final reports and 2. Technical and Submission of **FINAL REPORTS** STEP 6 2018 (Year +1) months | commitments and STEP 6 payments (art. 18.3 of Regulation 652/ Max. 3 budgetary after reimburses MS by makes the The Commission AND PAYMENT COMMITMENT STEP 7

# Annex II

|                       |              |          |   |  |                |                                    |                     |                                |  |   |                                      |                            |                                |          |   |  |                                  |                         |                             |  |                                 |  |          |                                    |                                     |                     |  |              |  |  |                                 |          |                        |                   |                  |                        |               |  |                                |                          |                                   |                |                       |                             |                |                   |                              |                     | a/a                  |
|-----------------------|--------------|----------|---|--|----------------|------------------------------------|---------------------|--------------------------------|--|---|--------------------------------------|----------------------------|--------------------------------|----------|---|--|----------------------------------|-------------------------|-----------------------------|--|---------------------------------|--|----------|------------------------------------|-------------------------------------|---------------------|--|--------------|--|--|---------------------------------|----------|------------------------|-------------------|------------------|------------------------|---------------|--|--------------------------------|--------------------------|-----------------------------------|----------------|-----------------------|-----------------------------|----------------|-------------------|------------------------------|---------------------|----------------------|
|                       |              |          | 46                                      | 45   | 4              | 43                                 | 42                  | 41                             | 40   | 39  | 38                                   | 37                         | 36                             |          | 35  | 34   | 33                               | 32                      | 31                          | 30                                     | 29                              | 28   |          | 27                                 | 26                                  | 25                  | 24   | 23           | 22   | 21                                     | 20                              |          | 19                     | 18                | 17               | 15                     | 14            | 13   | 12                             | 1 10                     | 9                                 | 00             | 7                     | 6                           | л 4            | ω 4               | 2                            | 1                   |                      |
|                       |              |          | D                                       | D  | 0              | D                                  | 0                   | 0                              | o  | o   | D                                    | o                          | Category D                     |          | c   | С  | င                                | C                       | c                           | c                                      | C .                             | Category C                                 |          | σ.                                 | В                                   | В                   | В  | В            | В  | В                                      | Category B                      |          | Þ                      | > 1               | > 1              | > >                    | A             | Þ  | > 1                            | > >                      | Þ                                 | Þ              | Þ                     | <b>&gt;</b> 1               | > )            | <b>&gt;</b> >     | Þ                            | Category A          | Priority<br>Category |
|                       |              | Total    | Xylc                                    | Torr                                       | Thri           | Tha                                | Sca                 | Poly                           | Нор  | Geo   | Can                                  |                            |                                | local    | Syn   | Rals   | Rad                              | Pop                     | Gra                         | Glot                                   |                                 |  | Total    | Xyle                               | Pse                                 | Porr                | Gibt                                       | Epit         | Burn   |  | Ann                             | Total    | Xan                    | Tox               | Scir             | Pter                   | Piss          | Phy.                                       | Mon                            | Dia                      | Den                               | Dac            | Citr                  | Can                         | Atro           | Alec              | Agri                         |                     | Pest                 |
|                       |              | <u>a</u> | Xylosandrus crassiusculus (Motschulsky) | Tomato leaf curl New Delhi virus (ToLCNDV) | Thrips setosus | Thaumatotibia leucotreta (Meyrick) | Scaphoideus titanus | Polygraphus proximus Blandford | Hop stunt viroid and Citrus bark cracking viroid | Geosmithis morbida & vect. Pityophtorus juglandis | Candidatus liberibacter solanacearum | Aromia bungii (Faldermann) | Agrilus auroguttatus Schaeffer | <u> </u> | Synchytrium endobioticum (Schilbersky) Percival | Ralstonia solanacearum (Smith) Yabuuchi et al. | Radopholus similis (Cobb) Thorne | Popilia japonica Newman | Grapevine flavescence dorée | Globodera pallida and G. rostochiensis | Eotetranychus lewisi (McGregor) | Clavibacter michiganensis ssp. Sepedonicus | <u>a</u> | Xylella fastidiosa (Well and Raju) | Pseudomonas syringae pv. Actinidiae | Pomacea (Perry)spp. | Gibberella circinata Nirenberg & O'Donnell | Epitrix spp. | Bursaphelenchus xylophilus (Steiner et Buhrer) | Anoplophora glabripennis (Motschulsky) | Anonlonhora chinensis (Forster) | <u>=</u> | Xanthomonas campestris | Toxoptera citrida | Scirtothrins sn. | Pterandrus rosa Karsch | Pissodes spp. | Phyllosticta citricarpa (McAlpine) Van der | Monochamus spp. (non-European) | Diaporthe vaccinii Shear | Dendrolimus sibiricus Chetverikov | Dacus dorsalis | Citrus tristeza virus | Candidatus Liberibacter spp | Atronellis son | Aleurocanthus sp. | Agrilus planipennis Fairmair | Agrilus anxius Gory | S <del>‡</del>       |
|                       |              |          | us cra                                  | af curl                                    | suso           | tibia k                            | us tita             | us pro                         | viroid   | s mor   | s liber                              | ngii (F                    | rogutt                         |          | ım en   | solana   | s simi                           | onica I                 | flaves                      | pallida                                | chus h                          | r mich                                     |          | tidiosa                            | nas s                               | Perry,              | circina                                    | ,            | enchu  | ra gla                                 | ra Chi                          |          | nas c                  | citrida           | idus.            | s rosa                 | spp.          | a citric                                   | JUS SL                         | vaccir                   | us sib                            | salis          | teza v                | s Libe                      | 500            | thus s            | nipen                        | xius G              |                      |
|                       |              |          | ssiusc                                  | New I                                      |                | ucotn                              | nus B               | ximus                          | and C  | bida &  | bacte                                | aldern                     | atus S                         |          | dobiot.   | cearu  | lis (Cc                          | Vewm.                   | cence                       | and                                    | ewisi (                         | iganer                                     |          | (Well                              | /ringa                              | spp.                | ta Nir                                     |              | s xylo,  | oripen.                                | nensis                          |          | mpes                   |                   | 9 (050           | Karsc                  |               | arpa (                                     | p. (no                         | ii She                   | iricus                            |                | rus                   | ibacte                      | gerin          | p.                | nis Fa                       | ory                 |                      |
| Гotal                 |              |          | ulus (i                                 | œlhi v                                     |                | eta (Mi                            | Ball                | Bland.                         | itrus t  | vect.F  | solan-                               | nann)                      | chaefi                         |          | cum (   | n (Sm  | bb) Th                           | 30                      | dorée                       | G. ros                                 | McGre                           | ss sist                                    |          | and R                              | pv. A                               |                     | enberg                                     |              | philus   | nis (M                                 | (Fors                           |          | tris                   |                   |                  | 2                      |               | McAlpi                                     | n-Euro                         | 34                       | Chetve                            |                |                       | r spp.                      | à              | 90                | rmair                        |                     |                      |
| Total Number of Pest: | 3            |          | Motscl                                  | irus (ī                                    |                | eyrick,                            |                     | ford                           | ark cr   | *tyop!  | acear                                |                            | ō,                             |          | Schilb  | ith) Ya  | orne                             |                         |                             | tochie.                                | gor)                            | sp. Se                                     |          | aju)                               | ctinid                              |                     | 7 & O'I                                    |              | (Stein   | otsch.                                 | ter)                            |          |                        |                   | (Keir)           | dani                   |               | ine) Va                                    | pean)                          |                          | erikov                            |                |                       |                             |                |                   |                              |                     |                      |
| nber                  | Member State |          | nulsky                                  | OL CNI                                     |                |                                    |                     |                                | acking   | torus   | m                                    |                            |                                |          | ersky)  | buuch  |                                  |                         |                             | nsis                                   |                                 | pedon                                      |          |                                    | ae                                  |                     | Jonne                                      |              | er et E  | ilsky)                                 |                                 |          |                        |                   |                  |                        |               | an der                                     |                                |                          |                                   |                |                       |                             |                |                   |                              |                     |                      |
| of Pe                 | er St        |          |   | Š  |                |                                    |                     |                                | viroia   | juglar  |                                      |                            |                                |          | Perciv  | ii et ai                                       |                                  |                         |                             |  |                                 | cus  |          |                                    |                                     |                     | 4  |              | 3uhrer   |  |                                 |          |                        |                   |                  |                        |               | Aa   |                                |                          |                                   |                |                       |                             |                |                   |                              |                     |                      |
|                       |              |          |   |  |                |                                    |                     |                                |  | dis   |                                      |                            |                                |          | al  |  |                                  |                         |                             |  |                                 |  |          |                                    |                                     |                     |  |              |  |  | $\perp$                         |          |                        |                   | _                |                        |               |  |                                |                          |                                   |                |                       |                             |                |                   |                              |                     | <b>`</b>             |
|                       | ₽            | <b>∞</b> | K                                       |  | K              | K                                  | K I                 | K                              |  | K   |                                      | K                          | K                              | U        | K   | K  |                                  |                         | K                           | K                                      |                                 | K  | 7        | K                                  | K                                   |                     | K  | K            | K  | K                                      | <                               | 10       |                        | ۲                 | <  <             | < K                    |               |  | < +                            | < K                      |                                   | K              |                       |                             | K              | <                 | K                            | K                   | AT _                 |
| 31                    | B            | ω        | K                                       |  |                | K                                  |                     |                                |  |   |                                      |                            | K                              | u        | ,   | K  |                                  |                         |                             | K                                      |                                 | K  | 7        | K                                  | K                                   |                     | K  | K            | K  | K                                      | <                               | 18       | K                      | < +               | <  <             | < K                    | K             | K  | < +                            | < K                      | -                                 | K              |                       | -                           | +              | < K               | -                            |                     | BE C                 |
| 30                    | 3            | •        |   |  |                |                                    |                     |                                |  | L   |                                      |                            |                                | œ        |   | +  | K                                |                         | -                           |  | K                               | -  | 0        | K                                  |                                     |                     |  |              |  | K                                      | -                               | 16       | K                      | <                 | <  <             | < K                    | K             |  | <                              | -                        |                                   | K              | K                     | -                           | +              | < K               | -                            |                     | <u>ა</u>             |
| 32                    | ß            | œ        |   | K  | K              | K                                  | K                   |                                |  | K   | K                                    | K                          | Ш                              | \        | , K   | K  |                                  |                         | K                           | K                                      | K                               | K  | 7        | K                                  | K                                   |                     | K  | K            | K  | K                                      | ۷                               | 10       |                        |                   | <                | ١.                     | K             |  | <                              | < K                      | K                                 |                |                       | ŀ                           | <              | ۲                 | -                            | K                   |                      |
| 35                    | ᇤ            | 10       | K                                       | K  | -              |                                    | K I                 | K                              | K  | K   | K                                    | +                          |                                |          |   | +  | K                                | K                       | K                           | K                                      | K                               | K  | 7        |                                    | K                                   |                     | K  | K            | K  | K F                                    | ۷ .                             | ä        |                        | +                 | <  <             | ١.                     | K             |  | +                              | < K                      | -                                 |                |                       | -                           | <              | -                 | K                            |                     | DE C                 |
| 29                    | 무            | œ        | K                                       |  | K              | K                                  | - 1                 | K                              | K  |   | K                                    | K                          | K                              | 4        | , K   | K  |                                  |                         |                             | K                                      |                                 | K  | 7        | K                                  | K                                   |                     | K  | K            | K  | K F                                    | ۷.                              | 10       |                        | ۲                 | ١.               |                        | K             |  | -                              | < K                      |                                   | -              |                       | r                           | <              | ۷.                | K                            |                     | P                    |
| 19 '                  | <b>m</b>     | ω        | _                                       | K  |                |                                    | -                   | K                              |  | L   | K                                    |                            | Н                              | 4        |   | -  |                                  |                         |                             | K                                      |                                 | K  | 7        | -                                  | K                                   |                     |  | K            | H  | -                                      | ۷                               | σ        |                        |                   | -                | -                      |               |  | <                              | +                        | K                                 |                |                       | _                           |                | _                 | K                            | Н                   | m                    |
| 46                    | ES           | 11       |   |  | -              | -                                  | $\dashv$            |                                | K  | K   | K                                    | +                          | K                              | œ        |   | +  | K                                | K                       | K                           |  | K                               | +  | œ        |                                    | +                                   |                     |  | _            | Н  | K F                                    | -                               | 19       | KI                     | +                 | +                | < K                    | +             |  | +                              | < K                      | +                                 | K              | K                     | -                           | +              | < K               | _                            |                     | ES<br>FI             |
| 27                    | 2            | 6        | K                                       | K  |                | K                                  |                     | K                              |  | L   |                                      | K                          |                                | U        | , K   | K  |                                  |                         | L                           |  | K                               | +  | 7        |                                    | K                                   |                     |  |              |  | K F                                    | -                               | 9        |                        | k                 | ١.               |                        | K             |  | <                              | K                        | K                                 |                |                       | r                           | <              | ۲_                | K                            |                     |                      |
| 15                    | 汨            | ω        |   | K  | _              |                                    |                     |                                |  | L   | K                                    | K                          |                                | 4        |   | K  |                                  |                         | -                           | K                                      |                                 | K  | 6        |                                    | +                                   | K                   |  |              | K  | -                                      | ۷                               | 2        |                        |                   | +                |                        |               |  | <                              | -                        |                                   | -              | K                     |                             | -              |                   |                              |                     | ₽<br>0               |
| 27 '                  | g<br>T       | 4        |   | K  | $\dashv$       | K                                  | -                   |                                |  | L   |                                      | K                          | Н                              | 4        |   | -  |                                  |                         | K                           |  |                                 | K  | œ        | K                                  | +                                   |                     |  |              | Н  | K F                                    | -                               | -        | -                      | < +               | +                | +                      |               | K  | -                              | +                        |                                   | +              | K                     |                             | +              | < K               | -                            |                     | GR<br>HR             |
| 46                    | 퓼            | _        | _                                       | K  | K              | -                                  | -                   |                                | K  | Н   | K                                    | +                          | K                              | œ        |   |  | K                                | K                       |                             |  | K                               | -  | 00       | K                                  | +                                   |                     |  |              |  | K F                                    |                                 | 19       | K I                    | -                 | +                | < K                    | K             |  | +                              | +                        | -                                 | K              | K                     | K                           | <  <           | < K               | +                            |                     |                      |
| 23 4                  | ᆵ            | 6        |   |  |                |                                    | Κ.                  |                                |  | $\vdash$  | K                                    | +                          |                                | U        |   | +  |                                  |                         | -                           | K                                      |                                 | K  | 7        | K                                  | +                                   |                     |  |              |  | K F                                    | -                               | σ        |                        |                   | +                |                        |               |  | <  -                           | -                        | K                                 |                |                       |                             |                |                   | K                            |                     | 폰<br>=               |
| <b>45</b> 3           | #<br>#       | •        | _                                       | Κ.   | -              | -                                  | -                   |                                |  |   | K                                    | +                          | Н                              | α        |   | K  | K                                | K                       |                             |  | K                               | +  | 00       |                                    | +                                   |                     |  | _            |  | K F                                    | -                               | 19       | K                      | -                 | +                | < K                    | K             |  | +                              | +                        | -                                 | K              | K                     | K                           | <  *<br> *     | < K               | K                            | . `                 | 5                    |
| 30 18                 |              | 9        | _                                       | K  |                |                                    | -                   | K                              |  |   | K                                    | K                          | _                              | σ        |   | K  |                                  | _                       | K                           |  | K                               | K  | 7        | K                                  | K                                   |                     |  |              | Н  | K F                                    | +                               | œ        |                        | r                 | <  <             | _                      | K             |  | <<br>< k                       | +                        | K                                 |                |                       |                             | -              | _                 | K                            |                     | _<br>E               |
|                       | E<br>E       | •        | L                                       | K  | <u></u>        | L                                  | ا<br>ا را           | <u></u>                        |  | H   |                                      | K                          | L                              | U        | lu  | -  | L                                |                         |                             | K                                      |                                 | K  | 7        | K                                  | +                                   |                     |  |              |  | K F                                    |                                 | 0        | -                      | k                 | _                | L                      | K             |  | -                              | `<br>{ K                 |                                   | L              |                       | +                           | +              | L                 | K                            |                     | 2                    |
| 30 4:                 | <<br>4       | ~        |   |  | _              | _                                  | _                   |                                | k  | -<br> -   | K                                    | _                          | $\vdash$                       | U        |   | K  | k                                | k                       | -                           | K                                      |                                 | r<br>K                                     | 0        | L                                  | +                                   |                     |  |              | Н  | K F                                    | -                               | 11       | k I                    | -                 | -                | ·<br>< K               | -             |  | \<br><                         | - 1                      |                                   | +              | k                     | k r                         | ا د            | < K               |                              |                     | <u> </u>             |
| 41 44                 |              |          |   |  | -              |                                    | _                   |                                |  | _   | K                                    | -                          |                                | α        |   | -  |                                  | -                       | -                           |  | K<br>K                          | -  | 6        | K                                  | +                                   |                     |  |              | H  | K F                                    | -                               | 0        | -                      | _                 | -                | _                      | -             |  | -                              | . k                      | -                                 | -              |                       | -                           | -              | < K               | -                            |                     | 7<br>2               |
| 4 30                  | 몬            |          |   | K  | -              | _                                  | _                   | K                              |  |   | K                                    |                            |                                | œ        | L/  | K  | Ì                                | K                       | Ė                           | K                                      |                                 | K  | O        |                                    | K                                   |                     |  | _            | Н  | K F                                    | -                               |          | ``                     | ` '               | - 12             |                        | K             |  | -                              | `   \                    |                                   | -              | _                     |                             | \              |                   | K                            |                     | <u>-</u>             |
|                       |              |          | K                                       | 1  |                | K                                  | -                   | _                              |  |   | K                                    | +                          |                                | υ<br>α   |   |  | K                                |                         | K                           |  | K                               | +  | 7 8      |                                    | -                                   |                     |  |              | H  | K F                                    | -                               | 9 19     | K                      | < +               | <  <             | < K                    | +             |  |                                |                          |                                   | K              | K                     |                             |                | `<br>< K          |                              |                     |                      |
| 21                    | PT SE        | 5        |   |  | K              | -                                  | -                   | K                              |  | Ė   |                                      | K                          | K                              |          |   | †  | Ė                                |                         | H                           |  | K                               |  | 6        |                                    | K                                   |                     | K  | _            | $\vdash$                                       | K F                                    |                                 | 6        | -                      | ŀ                 | +                | Ť                      | K             |  |                                | . K                      |                                   | +              | H                     |                             |                |                   | K                            | K                   | SE                   |
| 1 39                  | E SI         |          |   |  |                | K                                  |                     |                                | K  | K   | K                                    | K                          |                                | -        |   | K  |                                  | K                       | K                           |  | K                               | K  | 6        | -                                  | -                                   |                     |  |              |  | K F                                    | -                               | 9 14     |                        | _                 | -                | < K                    | -             |  | _                              | . K                      | -                                 | K              |                       |                             | _              | < K               | -                            |                     | S                    |
| 21 39 37              | Š            |          |   |  |                | _                                  | -                   |                                |  | -   | _                                    | K                          | -                              | 0        |   | -  |                                  |                         | -                           |  | K                               | -  | 00       |                                    | K                                   |                     |  |              |  | K F                                    | _                               | 1        |                        | +                 | +                | < K                    | +             |  | <                              | _                        | K                                 | -              | Н                     | -                           | <  -           | -                 | K                            |                     | Ş                    |
|                       | ^            | _        |   |  |                |                                    | 1                   |                                |  | l   |                                      |                            | $\parallel$                    | α        |   |  |                                  |                         |                             |  |                                 |  |          |                                    |                                     |                     |  |              |  |  |                                 | _        |                        |                   |                  |                        |               |  |                                |                          |                                   |                |                       |                             |                |                   |                              | Н                   |                      |
|                       |              |          |   |  |                |                                    |                     |                                |  |   |                                      |                            |                                |          |   |  |                                  |                         |                             |  |                                 |  | T        |                                    |                                     |                     |  |              |  |  |                                 |          |                        |                   |                  |                        |               |  |                                |                          |                                   |                |                       |                             |                |                   |                              |                     | z 3                  |
|                       |              |          |   |  |                |                                    |                     |                                |  |   |                                      |                            |                                |          |   |  |                                  |                         |                             |  |                                 |  |          |                                    |                                     |                     |  |              |  |  |                                 |          |                        |                   |                  |                        |               |  |                                |                          |                                   |                |                       |                             |                |                   |                              |                     | MSs Pest<br>Number   |
|                       |              | 171      | 18                                      | 16   | 15             | 18                                 | 14                  | 17                             | 9  | 14  | 17                                   | 19                         | 14                             | 140      | 19  | 23   | o                                | 13                      | 17                          | 22                                     | 14                              | 23   | 168      | 24                                 | 18                                  | 9                   | 24   | 22           | 24   | 23                                     | 24                              | 286      | 9                      | 9                 | 1 1              | 12                     | 18            | 9  | 24                             | 18                       | 21                                | 13             | 9                     | 9                           | 16             | 1 11              | 21                           | 19                  | er<br>est            |