

**CIPAC**

COLLABORATIVE INTERNATIONAL PESTICIDES ANALYTICAL COUNCIL LIMITED  
Commission Internationale des Méthodes d'Analyse des Pesticides (CIMAP)

**Document index**

of the 54<sup>th</sup> Annual meeting  
held on Wednesday 9<sup>th</sup> June, and on Thursday 10<sup>th</sup> June 2010  
at the Grand Hotel Union, Ljubljana, Slovenia

- 4540/P Summary of the decisions of the 50<sup>th</sup> meeting, Geneva, Switzerland, 2006  
4541/P Minutes of the 50<sup>th</sup> meeting, Geneva, Switzerland, 2006  
4542/P Agenda of the 51<sup>st</sup> meeting, Umhlanga Rocks, South Africa, 2007  
4543/P Secretary's report 2006-2007  
4544/R Review of CIPAC Methods – M.D. Müller  
4545/m fenitrothion - method- Y. Asada  
4546/R fenitrothion - small scale study- Sumitomo  
4547/R fenitrothion – peer validation of S-methyl fenitrothion in TC and formulations-Sumitomo  
4548/m d,d-trans-cyphenothrin –method- Y. Asada  
4549/R Japanese national report  
4550/m thiacloprid- HPLC method - M. Feyerabend  
4551/R thiacloprid- full scale study- Bayer CropScience  
4552/R fenoxaprop P ethyl - method extension to EC and OD– M. Feyerabend- BCS  
4553/R fenoxaprop P ethyl – identity test extension to OD - M. Feyerabend - BCS  
4554/R piperonyl butoxide -method extension to EW - T. Werner - Bayer CropScience  
4555/R Slovenian national report  
4556/R Czech national report  
4557/m azoxystrobin - GLC method-M. Rodler  
4558/R azoxystrobin-full scale trial-Syngenta  
4559/m cyromazine - HPLC method- M. Rodler  
4560/R cyromazine-full scale trial-Syngenta  
4561/m lufenuron- HPLC method- M. Rodler  
4562/R lufenuron-full scale trial-Syngenta  
4563/m dodine- HPLC method-C. Corman  
4564/R dodine-full scale trial-Agripharm  
4565/m prochloraz- HPLC method-W. Mayer  
4566/R prochloraz-full scale trial- Makhteshim  
4567/R Work flow for integration of LNs into related CIPAC methods –M. Müller  
4568/m alfa-cypermethrin- method– J. F. Wittmann  
4569/R alfa-cypermethrin- method extension- Clariant  
4570/m haloxyfop-P-methyl- method –J. Dawson  
4571/R haloxyfop-P-methyl –pilot scale study – Dow AgroSciences  
4572/m boscalid –method –J. Fries  
4573/R boscalid - pilot scale study - BASF  
4574/R Romanian national report  
4575/R Danish national report  
4576/R Dutch national report  
4577/R Spanish national report  
4578/R German national report

|        |  |
|--------|--|
| 4579/R | German national monitoring report  |
| 4580/m | Adhesion to seeds- method-M. Rodler  |
| 4581/R | Irish national report  |
| 4582/R | Belgian national report  |
| 4583/R | Hungarian national report  |
| 4584/R | Greek national report  |
| 4585/R | South African national report  |
| 4586/R | Ukrainian national report  |
| 4587/R | Slovak national report   |
| 4588/R | Proposal for proficiency testing – L. Bura   |
| 4589/R | Argentina national report  |
| 4590/R | French national report   |
| 4591/R | El Salvador national report  |
| 4592/R | Swiss national report  |
| 4593/R | Thailand national report   |
| 4594/R | UK national report   |
| 4595/R | China PR national report   |
| 4596/R | Determination of terpyridines in diquat, paraquat and their formulations- M Rodler   |
| 4597/R | mefemopyr-diethyl small scale study - M Feyerabend   |
| 4598/P | Summary of the decisions of the 51 <sup>st</sup> meeting, Umhlanga Rocks, South Africa, 2007   |
| 4599/P | Minutes of the 51 <sup>st</sup> meeting, Umhlanga Rocks, South Africa, 2007  |
| 4600/P | <b>Agenda of the 52<sup>nd</sup> meeting, Braunschweig, Germany, 2008</b>  |
| 4601/P | Secretary's report 2007-2008   |
| 4602/m | fenoxythion - method- Y. Asada   |
| 4603/R | fenoxythion -full scale study- Sumitomo  |
| 4604/m | clothianidin- method- Y. Asada   |
| 4605/R | clothianidin-small scale study- Sumitomo   |
| 4606/R | Japan national report  |
| 4607/R | Ireland national report  |
| 4608/R | Slovenia national report   |
| 4609/R | Switzerland national report  |
| 4610/R | Hungary national report  |
| 4611/m | boscalid –method –J. Fries   |
| 4612/R | boscalid - full scale study - BASF   |
| 4613/m | indoxacarb–method –S. Hansen   |
| 4614/R | indoxacarb- full scale study -DuPont   |
| 4615/R | Romania national report  |
| 4616/R | Germany national report  |
| 4617/m | haloxyfop-P-methyl – method – D. Heim  |
| 4618/R | haloxyfop- P-methyl - full scale study –Dow AgroSciences   |
| 4619/m | N-nitroso pendimethalin–method –A. Pastorio  |
| 4620/R | N-nitroso pendimethalin- Peer validation-Finchimica  |
| 4621/R | Review of CIPAC Methods – M.D. Müller  |
| 4622/R | CIPAC Guideline for analytical methods for the determination of relevant impurities referred to in FAO and/or WHO specifications for pesticide technical grade active ingredients and formulations |
| 4623/R | Peer review of MT methods – R. Hänel   |
| 4624/R | Validation of the method for retention index of LN coated with alpha-cypermethrin – J. Fries   |
| 4625/m | ciprodinil– method –M. Rodler  |

|        |   |
|--------|---|
| 4626/R | cyprodinil- full scale study –Syngenta  |
| 4627/m | mefenpyr-diethyl– method –U. Döller   |
| 4628/R | mefenpyr-diethyl- full scale study –Bayer CS  |
| 4629/R | A physical test method for assessment of wash resistance of LNs-M. D. Müller  |
| 4630/m | fipronil-method- R. Förster   |
| 4631/R | Extension of fipronil method 581 to WG, SC, GR and FS formulations BASF/Bayer   |
| 4632/R | Italy national report   |
| 4633/R | Thailand national report  |
| 4634/R | Argentina national report   |
| 4635/R | Spain national report   |
| 4636/R | Denmark national report   |
| 4637/R | Belgium national report   |
| 4638/R | Austria national report   |
| 4639/R | Czech Republic national report  |
| 4640/R | Pesticide product containers - hazardous or non-hazardous waste Jim Garvey  |
| 4641/R | Relation between CIPAC performance parameters and FAO tolerance limits L. Benke   |
| 4642/R | China national report   |
| 4643/R | Finland national report   |
| 4644/R | Greece national report  |
| 4645/R | Panama national report  |
| 4646/R | Portugal national report  |
| 4647/R | El Salvador national report   |
| 4648/R | Slovakia national report  |
| 4649/R | South Africa national report  |
| 4650/R | Ukraine national report   |
| 4651/P | Summary of the decisions of the 52 <sup>nd</sup> meeting, Braunschweig, Germany, 2008   |
| 4652/P | Minutes of the 52 <sup>nd</sup> meeting, Braunschweig, Germany, 2008  |
| 4653/P | <b>Agenda of the 53<sup>rd</sup> meeting, El Salvador, 2009</b>   |
| 4654/P | <b>Secretary's report 2008-2009</b>   |
| 4655/R | Slovenia national report  |
| 4656/R | Switzerland national report   |
| 4657/R | Japan national report   |
| 4658/m | clothianidin - method – Y. Asada  |
| 4659/R | clothianidin - full scale trial- Sumitomo   |
| 4660/m | fenitrothion- peer validation on the analytical method of tetramethyl pyrophosphorothioate (TMPP) in fenitrothion technical and formulations – Y. Asada |
| 4661/R | fenitrothion - peer validation report- Sumitomo   |
| 4662/R | Hungary national report   |
| 4663/R | Austria national report   |
| 4664/m | lambda cyhalothrin –method extension to LN – M. Rodler  |
| 4665/R | lambda cyhalothrin –in-house study- Syngenta  |
| 4666/R | Publication of CIPAC Methods - view of a user – J. Zindel   |
| 4667/m | 1-MCP impurities – GLC method- D. Verona  |
| 4668/R | 1-MCP impurities- peer validation-AgroFresh   |
| 4669/m | 1-MCP– GLC method- D. Verona  |
| 4670/R | 1-MCP collaborative trial- AgroFresh  |
| 4671/m | dimoxystrobin –method –J. Fries   |
| 4672/R | dimoxystrobin –small scale study- DAPA/BASF   |
| 4673/m | deltamethrin –extension of the scope to LN –M. Zellweger  |

|        |  |
|--------|--|
| 4674/R | deltamethrin –extension of the scope validation –Vestergaard Frandsen  |
| 4675/m | PBO–extension of the scope to LN –M. Zellweger   |
| 4676/R | PBO -extension of the scope validation –Vestergaard Frandsen   |
| 4677/m | metalaxy-M - method –J. Garvey   |
| 4678/R | metalaxy-M –small scale study - ESPAC  |
| 4679/m | Adhesion to treated seeds  |
| 4680/m | determination of retention/release index (wash resistance) of Long-Lasting Insecticidal Mosquito Nets (LNs)- O. Pigeon |
| 4681/R | determination of retention/release index (wash resistance) of (LNs)-CRA Vallonie                                       |
| 4682/m | deltamethrin and PBO in incorporated polyethylene LNs – method- O. Pigeon  |
| 4683/R | deltamethrin and PBO in incorporated polyethylene LNs – validation- CRA Vallonie                                       |
| 4684/R | CIPAC Guideline for analytical methods for the determination of relevant impurities<br>R. Hänel                        |
| 4685/m | fluazinam – method–S. Stiénon  |
| 4686/R | fluazinam - full scale trial – ISK Biosciences   |
| 4687/m | triadimenol –method – M. Feyerabend  |
| 4688/R | triadimenol –method extension - Bayer Cropscience  |
| 4689/m | triadimefon - method – M. Feyerabend   |
| 4690/R | triadimefon - method extension - Bayer Cropscience   |
| 4691/R | Influence of the temperature on the determination of persistent foam –H di Loreto                                      |
| 4692/R | clothianidin – method extension - Bayer Cropscience  |
| 4693/R | Belgium national report  |
| 4694/R | Czech Republic national report   |
| 4695/R | Denmark national report  |
| 4696/R | El Salvador national report  |
| 4697/R | Germany national report  |
| 4698/R | Greece national report   |
| 4699/R | Ireland national report  |
| 4700/R | Panama national report   |
| 4701/R | Romania national report  |
| 4702/R | South Africa national report   |
| 4703/R | Spain national report  |
| 4704/R | UK national report   |
| 4705/R | Ukraine national report  |
| 4706/P | Summary of the decisions of the 53 <sup>rd</sup> meeting, Sonsonate, El Salvador, 2009                                 |
| 4707/P | Minutes of the 53 <sup>rd</sup> meeting, Sonsonate, El Salvador, 2009  |
| 4708/P | <b>Agenda of the 54<sup>th</sup> meeting, Ljubljana, Slovenia, 2010</b>  |
| 4709/P | Secretary's report 2009-2010   |
| 4710/m | dimoxystrobin –method –J. Fries  |
| 4711/R | dimoxystrobin –full scale study- DAPA/BASF   |
| 4712/m | MT 73.1 Total Hardness of Water –J. Zindel -Bayer  |
| 4713/m | flumioxazin - method – Y. Asada  |
| 4714/R | flumioxazin - small scale trial- Sumitomo  |
| 4715/R | Japan national report  |
| 4716/R | Hungary national report  |
| 4717/m | PBO – method – M. C Zanotti  |
| 4718/R | PBO - small scale trial- Endura  |
| 4719/m | permethrin –method- Shahabuddin  |
| 4720/R | permethrin –method extension- Tagros   |

|        |   |
|--------|---|
| 4721/m | spinosad –method – D. Heim  |
| 4722/R | spinosad –method extension (EC) –Dow AgroSciences                                   |
| 4723/m | flazasulfuron –method – J. Garvey   |
| 4724/R | flazasulfuron - small scale trial-ISK   |
| 4725/m | fosthiazate–method – J. Garvey  |
| 4726/R | fosthiazate - small scale trial- ISK  |
| 4727/m | fluazinam – method–F. Joris   |
| 4728/R | fluazinam - full scale trial – ISK Biosciences                                      |
| 4729/R | Austria national report   |
| 4730/R | Germany national report   |
| 4731/m | MT 193 Friability of tablets – J. Zindel -Bayer                                     |
| 4732/m | MT 41 Dilution stability of aqua. Solutions –T. Kröhl                               |
| 4733/m | MT 172.1 Flowability of WGs -T. Kröhl   |
| 4734/R | Review of MT CIPAC methods  |
| 4735/R | Czech Republic national report  |
| 4736/R | Latvia national report  |
| 4737/R | El Salvador national report   |
| 4738/R | Slovenia national report  |
| 4739/R | South Africa national report  |
| 4740/R | Switzerland national report   |
| 4741/R | Thailand national report  |
| 4742/R | UK national report  |
| 4743/R | Argenta national report   |
| 4744/R | Belgium national report   |
| 4745/R | Brasil national report  |
| 4746/R | Danmark national report   |
| 4747/R | France national report  |
| 4748/R | Hellas national report  |
| 4749/R | Ireland national report   |
| 4750/R | Netherlands national report   |
| 4751/R | Panama national report  |
| 4752/R | Romania national report   |
| 4753/R | Slovakia national report  |
| 4754/R | Spain national report   |
| 4755/R | Thailand _DMSc  |
| 4756/R | Ukraine national report   |
| 4757/P | Summary of the decisions of the 54 <sup>th</sup> meeting, Ljubljana, Slovenia, 2010 |
| 4758/P | Minutes of the 54 <sup>th</sup> meeting, Ljubljana, Slovenia, 2010                  |
| 4759/P | Secretary's report 2010-2011  |
| 4760/P | <b>Agenda of the 55<sup>th</sup> meeting, Beijing, China, 2011</b>                  |
| 4761/m | fosthiazate –method – J. Garvey   |
| 4762/R | fosthiazate - small scale trial- ISK/ESPAC  |
| 4763/m | flumioxazin - method – M. Mukumoto  |
| 4764/R | flumioxazin - full scale study –JAPAC/Sumitomo                                      |
| 4765/m | PBO – method – M. C Zanotti   |
| 4766/R | PBO - full scale study - Endura   |
| 4767/R | Thailand national report  |
| 4768/R | Guatemala national report   |
| 4769/m | total hardness of water– method – E. Seidel   |

|        |   |
|--------|---|
| 4770/R | total hardness of water– full scale study –DAPF   |
| 4771/m | solution stability of STs– method – B. Partian  |
| 4772/R | solution stability of STs– full scale study –DAPF   |
| 4773/m | cyazofamid –method – J. Garvey  |
| 4774/R | cyazofamid - small scale trial- ISK/ESPAC   |
| 4775/R | Japan national report   |
| 4776/R | Switzerland national report   |
| 4777/R | Slovenia national report  |
| 4778/m | pirimiphos-methyl– method – A. McIntyre   |
| 4779/R | pirimiphos-methyl– pilot study –DAPA  |
| 4780/R | pirimiphos-methyl– full scale study –Syngenta   |
| 4781/m | relevant impurities in the CS formulation– method – A. McIntyre   |
| 4782/R | relevant impurities in the CS formulation – collaborative study –Syngenta   |
| 4783/m | release rate characteristics of the CS formulation –method – A. McIntyre  |
| 4784/R | release rate characteristics of the CS formulation - small scale trial- DAPA                                      |
| 4785/m | free AI content of the CS formulation–method – A. McIntyre  |
| 4786/R | free AI content of the CS formulation- small scale trial- DAPA  |
| 4787/R | Germany national report   |
| 4788/R | Pre-testing of the CIPAC washing/rinsing movement on Olyset – Y. Kozuki   |
| 4789/R | Testing of the CIPAC washing agent conc. on Olyset, PermaNet 2.0 NetProtect and DuraNet – M. Müller and O. Pigeon |
| 4790/R | Review of CIPAC MT methods –R. Hänel  |
| 4791/m | flazasulfuron –method – J. Garvey   |
| 4792/R | flazasulfuron - small scale trial- ISK/ESPAC  |
| 4793/R | Extension of MT 46.3 for the accelerated storage stability of LN – O. Pigeon                                      |
| 4794/R | Extension of MT 180 to DC and OD formulations – R. Hänel  |
| 4795/m | <b>Stereospecific Identity Test for triadimenol</b> – G. Krautstrunk  |
| 4796/R | <b>Stereospecific Identity Test for triadimenol</b> – report - BCS  |
| 4797/m | deltamethrin –method extension of 333/LN(M)/3 – G. Krautstrunk  |
| 4798/R | deltamethrin –method extension report –BCS  |
| 4799/R | Austria national report   |
| 4800/R | Hungary national report   |
| 4801/R | Hellas national report  |
| 4802/R | Ireland national report   |
| 4803/R | Danmark national report   |
| 4804/R | Panama national report  |
| 4805/R | Ukraine national report   |
| 4806/R | Czech Republic national report  |
| 4807/R | Romania national report   |
| 4808/R | El Salvador national report   |
| 4809/R | Belgium national report   |
| 4810/R | UK national report  |
| 4811/R | France national report  |
| 4812/m | dihydrosafrole in PBO –method– M. C Zanotti   |
| 4813/R | dihydrosafrole in PBO-ILV - Endura  |
| 4814/R | Spain national report   |
| 4815/R | Netherland national report  |
| 4816/R | Thailand DMSc   |
| 4817/R | Brasil national report  |

- 4818/R South Africa national report  
4819/R Argentina national report  
4820/R Method for determination of wash resistance of LN-Status report-M. Rodler  
4821/P Summary of the decisions of the 55<sup>th</sup> meeting, Beijing, China, 2011  
4822/P Minutes of the 55<sup>th</sup> meeting, Beijing, China, 2011  
4823/P **Secretary's report 2011-2012**  
4824/P **Agenda of the 56<sup>th</sup> meeting, Dublin, Ireland, 2012**  
4825/m chlorfenapyr - method – J. Fries  
4826/R chlorfenapyr - full scale study –BASF  
4827/m Wash resistance index of LN– O. Pigeon  
4828/R Wash resistance index of LN - small scale study – CRA/Sumitomo  
4829/m fosthiazate – method – F. Joris  
4830/R fosthiazate - full scale study - ISK Biosciences/ESPAC  
4831/m flazasulfuron – method – F. Joris  
4832/R flazasulfuron - full scale study - ISK Biosciences/ESPAC  
4833/m cyazofamid– method – F. Joris  
4834/R cyazofamid- full scale study - ISK Biosciences/ESPAC  
4835/m CIPAC MT 47.3 persistent foam– method – J. Zindel  
4836/R CIPAC MT 47.3 persistent foam small scale trial - DAPF  
4837/m deltamethrin –method extension of 333/LN(M)/3 – L. Zhou  
4838/R deltamethrin –applicability of method –Hangzhou Blossom trading co  
4839/m amisulbrom- method –K. Yokouchi  
4840/R amisulbrom- small scale trial- Nissan Chemical Co  
4841/m permethrin- method extension of CIPAC/331/LN/M, method - M. Mukumoto  
4842/R permethrin –method extension report –Sumitomo  
4843/R PBO -applicability of CIPAC/33/LN/(M) to Permethrin/PBO LN- report - Sumitomo  
4844/R Japanese national report  
4845/m thiametoxam – method- A. McIntyre  
4846/R thiametoxam - full scale study - Syngenta  
4847/m spinosad - method extension for GR – D. Heim  
4848/R spinosad–method extension report –Dow AgroSciences and ESPAC  
4849/m quaternary ammonium compounds – method- A. Burns  
4850/R quaternary ammonium compounds –small scale trial- EPA  
4851/R pyraoxystrobin–method –Mr Yu Liang  
4852/R pyraoxystrobin– small scale trial– Shenyang Research Institute of Chemical Industry  
4853/R deltamethrin methods - Bura  
4854/R Thailand national report  
4855/R Slovenia national report  
4856/R The Netherlands national report  
4857/R CIPAC 33/PBO methods -Bura  
4858/R Swiss national report  
4859/R Guatemala national report  
4860/R Denmark national report  
4861/R Sweden national report  
4862/R Slovakia national report  
4863/R UK national report  
4864/R Greece national report  
4865/R Ireland national report  
4866/R Ukraine national report

- 4867/R Panamá national report  
4868/R Germany national report  
4869/R Brasil national report  
4870/R France national report  
4871/R South Africa national report  
4872/R Czech national report  
4873/R El Salvador national report  
4874/R Argentina national report  
4875/R Belgium national report  
4876/R Spain national report  
4877/R Hungary national report  
4878/R Tahiland\_public health national report  
4879/P Summary of the decisions of the 56<sup>th</sup> meeting, Dublin, Ireland, 2012  
4880/P Minutes of the 56<sup>th</sup> meeting, Dublin, Ireland, 2012  
**4881/P Secretary's report 2012-2013**  
**4882/P Agenda of the 57<sup>th</sup> meeting, Kyiv, Ukraine, 2013**  
4883/m amisulbrom– method –Takahashi  
4884/R amisulbrom– full scale study –Nissan  
4885/R permethrin/pyriproxyfen– applicability of 331/LN/(M2) to LN –report –M. Mukumoto  
4886/m pyriproxyfen - method extension of CIPAC/715/TC/M, method - M. Mukumoto  
4887/R pyriproxyfen –method extension report –Sumitomo  
4888/R correction proposals to existing methods – A. Ramesh  
4889/R Hungary report – Benke L.  
4890/R Japan report – Watanabe T  
4891/m MT 179 Degree of Dissolution and Solution Stability –method extension - F Wochner  
4892/R MT 179 Degree of Dissolution and Solution Stability–method extension report –DAPF  
4893/m MT 19X Disintegration of tablets –method-B. Patrian  
4894/R MT 19X Disintegration of tablets –full scale study-DAPF  
4895/m Relevant impurity toluene in formulations-method-B.Patrian  
4896/R Relevant impurity toluene in formulations-small scale study- DAPA  
4897/R Ialian report – Santilio A.  
4898/R Switzerland – Patrian B.  
4899/m ETU in formulations containing ethylene-bis-(dithiocarbamate) -C. Diepenhorst  
4900/R ETU in formulations containing EBDC – full scale study -Uniphos  
4901/R The Netherlands report – T. de Rijk  
4902/R Denmark report – E. Jacobsen  
4903/m nicosulfuron – method extension to OD – R. Chen  
4904/R nicosulfuron –report on method extension - Rotam  
4905/R pyraoxystrobin – progress report - Wang Haixia  
4906/R Germany report -R. Hänel  
4907/m deltamethrin –enantioselective identity test – G. Krautstrunk  
4908/R deltamethrin –small scale study report –BCS  
4909/R Wash resistance index of LN : validation of the CIPAC washing method- O. Pigeon  
4910/R quaternary ammonium compounds, progress report –A. Burns  
4911/R China report –T. Chen  
4912/R Panamá report –B. Checa  
4913/R Ireland report - J. Garvey  
4914/R Spain report - L. Manso  
4915/R Argentina report -M. Santorio

- 4916/R Romania report -I. Banu  
4917/R UK report – A. Plumb  
4918/R Thailand report - N. Luetrakool H. Chaivanit  
4919/R Greece report – H. Karasali  
4920/R Belgium report - O. Pigeon  
4921/R Slovenia report -L. Janes  
4922/R Bicisthemic acid chloride in deltamethrin –R. Chen  
4923/R Bicisthemic chloride in deltamethrin –R. Chen  
4924/R Australia report - T. Tyler  
4925/R Czech Republic report - O. Novakova  
4926/R El Salvador - report E. De Aguila  
4927/R France report -A. Venant  
4928/R Ukraine report -V. Chmil  
4929/R Slovakia report –J. Schlosserova  
4930/R South Africa –S. Marais  
4931/R Tahiland public health report - H. Chaivanit  
4932/P Summary of the decisions of the 57<sup>th</sup> meeting, Kyiv, Ukraine, 2013  
4933/P Minutes of the 57<sup>th</sup> meeting, Kyiv, Ukraine, 2013  
**4934/P Secretary's report 2013-2014**  
**4935/P Agenda of the 58<sup>th</sup> meeting, Liège, Belgium, 2014**  
4936/m pyraoxystrobin–method–Z. Xinxin  
4937/R pyraoxystrobin–full scale trial–Shenyang research institute of chemical industry  
4938/m alpha-cypermethrin - applicability of CIPAC/454/LN/M – R. Natarajan  
4939/R alpha-cypermethrin –method extension report – Vector Control Innovations  
4940/m PBO - applicability of CIPAC/33/LN/(M)– R. Natarajan  
4941/R PBO –method extension report – Vector Control Innovations  
4942/m brodifacoum– method – S. De Benedictis  
4943/R brodifacoum – collaborative study –Syngenta  
4944/m Relevant impurity toluene in formulations-method-R. Kettner  
4945/R Relevant impurity toluene in formulations-collaborative trial report- DAPA  
4946/m permethrin –enentioselective identity test – G. Krautstrunk  
4947/R permethrin –small scale study report –BCS  
4948/m transfluthrin –enentioselective identity test – G. Krautstrunk  
4949/R transfluthrin –small scale study report –BCS  
4950/R release/retention rate for pyriproxyfen matrix release formulation – M. Mukumoto  
4951/R Hungarian report  
4952/m hexazinone – method–Y. Wang  
4953/R hexazinone– applicability study– Nutrichem Co  
4954/m trifloxystrobin- method-M. Haustein (E. Seidel)  
4955/R trifloxystrobin - collaborative study– Bayer CS  
4956/m MT 46.3 method extension to LN O. Pigeon  
4957/R MT 46.3 method extension small scale trial report  
4958/R Japanese report  
4959/m silthiofam– method –Wim Van Thuyne  
4960/R silthiofam–small scale study report –Monsanto  
4961/R Equivalence of CIPAC MT Methods –B. Wiese/M. Müller - DAPF  
4962/R MT 172– method modification–A. Dubois  
4963/R CIPAC/239– method modification– Syngenta  
4964/R MT 190.2– method modification– Syngenta

|        |   |
|--------|---|
| 4965/m | quaternary ammonium compounds– method –D. Rains   |
| 4966/R | quaternary ammonium compounds -full scale study –US EPA   |
| 4967/m | d-tetramethrin –method. J. Zhou   |
| 4968/R | Ukraine report  |
| 4969/R | Slovenia report   |
| 4970/R | Switzerland report  |
| 4971/R | Ireland report  |
| 4972/R | Italy report  |
| 4973/R | Romania report  |
| 4974/R | Czech Republic report   |
| 4975/R | Belgium_CRA-W   |
| 4976/R | Belgium-FASFC   |
| 4977/R | China report  |
| 4978/R | El Salvador report  |
| 4979/R | Greece report   |
| 4980/R | Panama report   |
| 4981/R | MT 47.3 persistent foam Maria Fuentes Piedad  |
| 4982/R | Austria report  |
| 4983/R | Germany report  |
| 4984/R | The Netherlands report  |
| 4985/R | Slovakia report   |
| 4986/R | South Africa report   |
| 4987/R | Spain report  |
| 4988/R | Thailand report   |
| 4989/R | UK report   |
| 4990/R | Nitrogen as carrier gas- JAPAC  |
| 4991/P | Summary of the decisions of the 58 <sup>th</sup> meeting, Liège, Belgium, 2014                                      |
| 4992/P | Minutes of the 58 <sup>th</sup> meeting, Liège, Belgium, 2014   |
| 4993/P | <b>Secretary's report 2014-2015</b>   |
| 4994/P | <b>Agenda of the 59<sup>th</sup> meeting, Athens, Greece, 2015</b>  |
| 4995/R | Switzerland report  |
| 4996/R | The Netherlands report  |
| 4997/m | pyriproxyfen in Pyriproxyfen MR– method – M. Mukumoto   |
| 4998/R | MT 46.3 method extension for pyriproxyfen – report – Sumitomo   |
| 4999/m | Retention properties of pyriproxyfen MR– method – M. Mukumoto   |
| 5000/R | Retention properties of pyriproxyfen MR –small scale study report – Sumitomo  |
| 5001/R | Hungary report  |
| 5002/R | A proposal for using the Horrat value for the evaluation of the precision in collaborative trials- DAPA-M. Haustein |
| 5003/m | CIPAC MT 171.1 – Revision of method for Dustiness _DAPF – B. Wiese  |
| 5004/m | silthiofam–method–de Groot  |
| 5005/R | silthiofam–full scale trial– Monsanto   |
| 5006/m | fenazaquin–method–R. Cochran  |
| 5007/R | fenazaquin–small scale trial–Gowan  |
| 5008/m | chlorantraniliprole–method–ME McNally   |
| 5009/R | chlorantraniliprole–small scale trial–duPont  |
| 5010/R | Japan report  |
| 5011/R | Belgium1  |

|        |  |
|--------|--|
| 5012/R | Belgium2   |
| 5013/R | China  |
| 5014/R | Czech Republic   |
| 5015/R | Denmark  |
| 5016/R | El Salvador  |
| 5017/R | France   |
| 5018/R | Germany  |
| 5019/R | Greece   |
| 5020/R | Ireland  |
| 5021/R | Italy  |
| 5022/R | Panama   |
| 5023/R | Romania  |
| 5024/R | Slovenia   |
| 5025/R | South Africa   |
| 5026/R | Spain  |
| 5027/R | Thailand   |
| 5028/R | UK   |
| 5029/R | Ukraine  |
| 5030/P | Summary of the decisions of the 59 <sup>th</sup> meeting, Athens, Greece, 2015 |
| 5031/P | Minutes of the 59 <sup>th</sup> meeting, Athens, Greece, 2015                  |
| 5032/P | <b>Secretary's report 2015-2016</b>  |
| 5033/P | <b>Agenda of the 60<sup>th</sup> meeting, Tokyo, Japan, 2016</b>               |
| 5034/m | chlorantraniliprole –method–ME McNally   |
| 5035/R | chlorantraniliprole –full scale trial– duPont                                  |
| 5036/m | fenazaquin–method–R. Cochran   |
| 5037/R | fenazaquin–full scale trial–Gowan  |
| 5038/m | cyenopyrafen–method–K. Tsunemi   |
| 5039/R | cyenopyrafen –small scale trial–Nissan   |
| 5040/m | d-tetramethrin–method–Qibai Jiang  |
| 5041/R | d-tetramethrin –small scale trial–Jiangsu Yangnong Chemical Co                 |
| 5042/R | Japan report   |
| 5043/m | pyriproxyfen–method extension –A. Ramesh                                       |
| 5044/R | pyriproxyfen–method small scale trial report–Clariant                          |
| 5045/m | Extension of MT 46.3 to MR –method–T. Sasaki                                   |
| 5046/R | Extension of MT 46.3 to MR –small scale trial–Sumitomo                         |
| 5047/m | mancozeb–method–B. Haiyan  |
| 5048/R | mancozeb–small scale trial–_CCPIA (China PAC)                                  |
| 5049/m | flupyradifurone–method–M.Haustein  |
| 5050/R | flupyradifurone–small scale trial–BCS  |
| 5051/m | clothianidin–method–_M.Haustein  |
| 5052/R | clothianidin –method extention to WP–BCS                                       |
| 5053/R | Wash resistance index of Duranet Plus– applicability study – R. Atmakuru       |
| 5054/R | CIPAC 454 errata – R. Atmakuru   |
| 5055/R | Belgium1   |
| 5056/R | Belgium2   |
| 5057/R | China  |
| 5058/R | Czech Republic   |
| 5059/R | Denmark  |
| 5060/R | El Salvador  |

|               |   |
|---------------|---|
| 5061/R        | Germany   |
| 5062/R        | Greece  |
| 5063/R        | Hungary   |
| 5064/R        | Ireland   |
| 5065/R        | Italy   |
| 5066/R        | Netherlands   |
| 5067/R        | Panama  |
| 5068/R        | Slovenia  |
| 5069/R        | Spain   |
| 5070/R        | Switzerland   |
| 5071/R        | Thailand1   |
| 5072/R        | Thailand2   |
| 5073/R        | UK  |
| 5074/R        | Ukraine   |
| 5075/R        | Summary CIPAC reports – J- Garvey   |
| 5076/P        | Summary of the decisions of the 60 <sup>th</sup> meeting, Tokyo, Japan, 2016          |
| 5077/P        | Minutes of the 60 <sup>th</sup> meeting, Tokyo, Japan, 2016                           |
| <b>5078/P</b> | <b>Secretary's report 2016-2017</b>   |
| <b>5079/P</b> | <b>Agenda of the 61st meeting, Rome, Italy, 2017</b>                                  |
| 5080/m        | chlorpyrifos ethyl –method– Ms. Yin Qing  |
| 5081/R        | chlorpyrifos ethyl– full scale trial –Tianjin Yorkool International Trading Co., Ltd. |
| 5082/m        | d,d-trans-cyphenothrin in metofluthrin/d,d-trans-cyph./PBO EW- method-Mukumoto        |
| 5083/R        | d,d-trans-cyphenothrin method extension of CIPAC/804/EW/(M) -Sumitomo                 |
| 5084/m        | PBO in Metofluthrin/d,d-trans-Cyphenothrin/PBO EW – method-Mukumoto                   |
| 5085/R        | PBO- method extension of CIPAC/33/TC/M -Sumitomo                                      |
| 5086/m        | metofluthrin – method- Mrs Kiyoko Miyakawa  |
| 5087/R        | metofluthrin- small scale trial-Sumitomo  |
| 5088/R        | Retention properties of pyriproxyfen MR –study report – Sumitomo                      |
| 5089/m        | alpha-cypermethrin and / or chlорfenapyr –method–Nicolas Mabon                        |
| 5090/R        | alpha-cypermethrin and/or chlорfenapyr in Interceptor and Interceptor G2-CRA-W        |
| 5091/m        | Relevant impurities in triflumuron TC & SC formulations–Michael Haustein              |
| 5092/R        | Peer validation of relevant impurities in triflumuron TC & SC formulations–Currenta   |
| 5093/m        | flupyradifurone–method–M. Haustein  |
| 5094/R        | flupyradifurone–full scale trial–Currenta   |
| 5095/m        | prothioconazole–method– Friedhelm Schulz  |
| 5096/R        | prothioconazole – small scale trial –Bayer  |
| 5097/m        | dinotefuran –method–Tova Blau Carmel  |
| 5098/R        | dinotefuran –method extension to RB – Westham Co                                      |
| 5099/m        | acephate–method–Rajendra Petkar   |
| 5100/R        | acephate–full scale trial – Rallis India Limited                                      |
| 5101/m        | d-tetramethrin–method–Qibai Jiang   |
| 5102/R        | d-tetramethrin –full scale trial–Jiangsu Yangnong Chemical Co                         |
| 5103/m        | mancozeb –method–Li Linhu   |
| 5104/R        | mancozeb– full scale trial– China Pesticide Analytical Council                        |
| 5105/m        | permethric acid anhydride (PAA) in transfluthrin TCs –method–by Mr Friedhelm Schulz   |
| 5106/R        | permethric acid anhydride (PAA) in transfluthrin TCs –peer validation–Bayer           |
| 5107/R        | alpha-cypermethrin –extension of 454/LN/M/3.2 to LN (incorporated type) –A.Ramesh     |
| 5108/m        | imidacloprid–method–J. Dawson   |
| 5109/R        | imidacloprid–method extension to UL–Clarke  |

- 5110/R prallethrin –method applicability to UL–Clarke  
5111/R Netherlands report  
5112/R Hungary report  
5113/R Thailand DOA report  
5114/R Switzerland report  
5115/R Germany report  
5116/R Japan report  
5117/R Austria report  
5118/R Belgium AFSCA report  
5119/R Belgium CRA-W report  
5120/R China report  
5121/R Czech Republic report  
5122/R Denmark report  
5123/R El Salvador report  
5124/R France report  
5125/R Greece report  
5126/R Ireland report  
5127/R Italy report  
5128/R Panama report  
5129/R Romania report  
5130/R South Africa report  
5131/R Spain report  
5132/R Thailand DMSC report  
5133/R UK report  
5134/R Ukraine report  
5135/P Summary of the decisions of the 61<sup>st</sup> meeting, Rome, Italy, 2017  
5136/P Minutes of the 61<sup>st</sup> meeting, Rome, Italy, 2017  
5137/P **Secretary's report 2017-2018**  
5138/P **Agenda of the 62<sup>nd</sup> meeting, Panama, Panama, 2018**  
5139/m acephate–method– Rajendra Petkar  
5140/R acephate – full scale trial –Rallis India Ltd.  
5141/m etpyrafen –method– Ms. Haixia Wang  
5142/R etpyrafen – small scale trial – Shenyang Research Institute of Chemical Industry  
5143/m zeta-cypermethrin –method– Mary Ellen McNally  
5144/R zeta-cypermethrin – peer validation for the quantitative identity test–FMC  
5145/R Guideline for Multi Active Ingredient and Matrix Methods –ESPAC-Olivier Pigeon  
5146/m mancozeb – method –by Mr Li Linhu  
5147/R mancozeb– small scale trial– China Crop Protection Industry Association  
5148/m spirodiclofen –method– Lv Cong  
5149/R spirodiclofen – small scale trial – China Crop Protection Industry Association  
5150/m propiconazole– method–Christian Mink  
5151/R propiconazole – small scale trial – Syngenta  
5152/m Discharge Rate of Trigger Sprayers– DAPF- Oliver Gutsche  
5153/m Discharge Rate of Aerosol Dispensers – DAPF - Oliver Gutsche  
5154/m Revision of MT 30.6 Karl Fischer Method–DAPF –Bruno Partian  
5155/m Revision of MT 172.2 Flowability of Granular Formulations –DAPF –Burkhard Wiese  
5156/m Revision of MT 184.1 Suspensibility - DAPF – Peter Kundel  
5157/m broflanilide– method–Takeo Okochi  
5158/R broflanilide– small scale trial –Mitsui Chemicals Agro

- 5159/m prothioconazole– method-Friedhelm Schultz  
5160/R prothioconazole– full scale trial –Bayer  
5161/m imidacloprid–method- Kevin King  
5162/R imidacloprid–method extension to UL–Clarke  
5163/m prallethrin–method- Kevin King  
5164/R prallethrin–method extension to UL–Clarke  
5165/R dinotefuran –method extension to RB – Westham Co  
5166/R DAPA proposal concerning the conduction of collaborative trials  
5167/R Czech Republic report  
5168/R Thailand MH report  
5169/R Thailand MA report  
5170/R Hungary report  
5171/R UK report  
5172/R Japan report  
5173/R Germany report  
5174/R Ukraine report  
5175/R Brasil report  
5176/R Spain report  
5177/R China report  
5178/R Belgium CRA-W report  
5179/R El Salvador report  
5180/R Panamá report  
5181/R Ireland report  
5182/R Belgium AFSCA report  
5183/R France report  
5184/R Greece report  
5185/P Summary of the decisions of the 62<sup>nd</sup> meeting, Panamá City, Panamá, 2018  
5186/P Minutes of the 62<sup>nd</sup> meeting, Panamá City, Panamá, 2018  
5187/P Secretary's report 2018-2019  
5188/P Agenda of the 63<sup>rd</sup> meeting, Braunschweig, Germany, 2019  
5189/m spinetoram-method-Kevin King  
5190/R spinetoram-small scale trial-Clarke  
5191/m etpyrafen-method-Haixia Wang  
5192/R etpyrafen\_full scale trial-Shenyang Research Institute of Chemical Industry  
5193/m metribuzin-\_method-Jack Lee  
5194/R metribuzin- small scale trial-Jiangsu Sevencontinent Chemical Co.  
5195/m spirodiclofen-method-Jason Zhang  
5196/R spirodiclofen -full scale trial-China Crop Protection Industry Asociacion  
5197/m quizalofop-P-ethyl-method-Jinlong Huang  
5198/R quizalofop-P-ethyl-small scale trial-Anhui Fengle Agrochemical Co.  
5199/m mancozeb-method-Xu Mei  
5200/R mancozeb-small scale study- Liminchemical Co.  
5201/R Density by means of digital density meter-Héctor di Loreto  
5202/R Distribution/shipping and labelling of the collaborative trial samples-Ralf Hänel  
5203/R DAPF proposal concerning collaborative trials for MT methods-Claudia Vinke  
5204/R PBO-applicability of method-F\_Yorkool International Tading Co- Mo Lingzhi  
5205/m florasulam-method-Eric Zhao  
5206/R florasulam-small scale trial-CHIPAC  
5207/m acephate–method– Rajendra Petkar

- 5208/R acephate – full scale trial –Rallis India Ltd  
5209/m hexaconazole–method– Rajashekhar Khinnavar  
5210/R hexaconazole – full scale trial –Rallis India Ltd  
5211/m 2,6-difluoroaniline in florasulam -method-Todd Kajdan  
5212/R 2,6-difluoroaniline in florasulam -peer validation-Corteva  
5213/m broflanilide–method–Takeo Okochi  
5214/R broflanilide– full scale trial –Mitsui Chemicals Agro  
5215/m atrazine-method-William Meyerhoffer  
5216/R atrazine– full scale trial –Syngenta  
5217/R MT 46.4 Accelerated Storage Test-Burkhard Wiese (on behalf of DAPF)  
5218/R A Comparison: Multianalyte Method Validation versus Product Method GLP Validation for Technical Active Ingredients – Mary Ellen McNally  
5219/R Update on the development of a Multi-Active Method for the analysis of Formulated product active substances-Jim Garvey  
5220/m alpha-cypermethrin + chlорfenapyr –method–Marie Baes  
5221/R alpha-cypermethrin + chlорfenapyr –full scale trial –  
5222/R CIPAC guidelines for the development and adoption of Multi Active Ingredient and Matrix Methods (MAIMM) for pesticides - Olivier Pigeon  
5223/R The Netherlands report  
5224/R Belgium AFSCA report  
5225/R Belgium CRA-W report  
5226/R Germany report  
5227/R Switzerland report  
5228/R Brazil report  
5229/R China report  
5230/R Hungary report  
5231/R Czech Republik report  
5232/R El Salvador report  
5233/R Greece report  
5234/R Ireland report  
5235/R Japan report  
5236/R Panama report  
5237/R Ukraine report  
5238/R Spain report  
5239/R UK report  
5240/R Denmark report  
5241/R Thailand MH report  
5242/R Thailand MA report  
5243/P Summary of the decisions of the 63<sup>rd</sup> meeting, Braunschweig, Germany, 2019  
5244/P Minutes of the 63<sup>rd</sup> meeting, Braunschweig, Germany, 2019  
5245/P Secretary's report 2019-2020  
5246/P Agenda of the 64<sup>th</sup> meeting, 2020  
5247/m 28-homobrassinolide –method-Jason  
5248/R 28-homobrassinolide -small scale trial- Jiangxi Windeal Bio-technology Co.  
5249/m spinetoram –method- Jennifer Jones  
5250/R spinetoram –full scale study- Corteva  
5251/m prothioconazole-desthio in prothioconazole-method- Friedhelm Schulz  
5252/R prothioconazole-desthio in prothioconazole\_-peer validation-Bayer AG  
5253/m metribuzin–method-Michael Haustein

5254/R metribuzin–full scale study-Currenta (on behalf of Jiangsu Seven Continent and Bayer)  
5255/m quizalofop-P-ethyl–method-Jason  
5256/R quizalofop-P-ethyl-full scale trial- Anhui Fengle Agrochemical Co.  
5257/m florasulam-method- Eric Zhao  
5258/R florasulam-full scale study- Jiangsu Agrochem Laboratory  
5259/R Validation of analytical methods –draft guidance- Angela Santilio  
5260/m MT 190 Lambda-cyhalothrin slow-release CS- method –Peter Kundel  
5261/R MT 190 Lambda-cyhalothrin slow-release CS-report-Syngenta  
5262/R Summary of New & Revised CIPAC MT methods  
**5263/P** **Summary of the decisions of the 64<sup>th</sup> virtual meeting, 2020**  
**5264/P** **Minutes of the 64<sup>th</sup> virtual meeting, 2020**  
5265/m ametryn - method-William Meyerhoffer  
5266/R ametryn – full scale trial – Syngenta  
**5267/P** **Secretary's report 2020-2021**  
**5268/P** **Agenda of the 65<sup>th</sup> meeting, 2021**  
5269/m 28-homobrassinolide-method-Jason Zhang  
5270/R 28-homobrassinolide -full scale trial- Jiangxi Windeal Bio-technology Co.  
5271/m 14-hydroxylated brassinosteroid- -method-Jason Zhang  
5272/R 14-hydroxylated brassinosteroid-small scale trial- Chengdu Newsun Crop Science  
5273/m matrine-method-Jason Zhang  
5274/R matrine--small scale trial- Chengdu Newsun Crop Science  
5275/m trifluralin-method-Junhua Song  
5276/R trifluralin-small scale trial-Syricit  
5277/m chlorpyrifos-method- Junhua Song  
5278/R chlorpyrifos-full scale trial-Syricit  
5279/m difenoconazole-method- Christian Mink  
5280/R difenoconazole-small scale trial-Syngenta (DAPA)  
5281/m ethefon-method-Steven Tian  
5282/R ethefon-small scale trial-Shaoxing Eastlake High-tech  
5283/R Revision of the Technical Monograph 17-SEG-CLI  
5285/m propineb –Xu Mei  
5286/R propineb- small scale collaborative trial-Jiangsu Limin  
5287/m tebuconazole- Friedhelm Schulz  
5288/R tebuconazole-method extension to EC-Bayer  
5289/m relevant impurity CGA 344605 in trifloxistrobin -\_Friedhelm Schulz  
5290/R relevant impurity CGA 344605 in trifloxistrobin - peer validation-Bayer  
5291/m deltamethrin + chlорfenапyr-Marie Baes  
5292/R deltamethrin + chlорfenапyr- small scale trial-CRA-W  
5293/  
5294/