DAPF Document: Summary of New & Revised CIPAC MT methods status: January 19, 2026 (v4.0)

Introduction

CIPAC is continuously publishing new CIPAC MT methods and revised MT method versions. Reviewing and revising CIPAC MT methods aims at improving standardization and promoting progress in science and technology.

New and revised CIPAC MT method can be used after adoption as “provisional” methods by CIPAC.

Where revised CIPAC MT methods have been adopted as “full” method by CIPAC, they supersede a previous version and are deemed to provide equivalent results, the revised MT methods should preferably be used (Section 2.9 of the Manual on the development and use of FAO and WHO specifications for chemical pesticides, 2nd edition, Rome and Geneva, 2022, and Section 2.9 of the Manual on the development and use of FAO and WHO specifications for microbial pesticides, 1st edition, Rome and Geneva, 2024).

Information on the status and superseding of previous versions is documented in the individual CIPAC MT methods. All information is consolidated in the following summary table maintained by DAPF. In case of discrepancies, the information given in the CIPAC MT method is leading.

CIPAC MT / Document no.	Title	Status CIPAC[(1)] (Meeting + Year of presentation)	Year of first Publication[(2)] / Reference[(3)]	Comment	Replacement for MT’s and / or MT version
MT 30.6 *(CIPAC/5154)*	*Water determination by Karl Fischer method*	full (Panama 2018)	2018 / Handbook P page 222	Revised method	**CIPAC MT 30.5** (Handbook J) is “no longer supported and should not be used with new specification proposals but remains valid in support of existing specifications.”
MT 36.4 *(CIPAC/5409)*	*Emulsion characteristics and re-emulsification properties*	provisional (Galway 2025)	2025 / CIPAC homepage	Revised method	**CIPAC MT 36.3** (Handbook K) is “no longer supported and should not be used with new specification proposals but remains valid in support of existing specifications.”
MT 41.1 *(CIPAC/4732)*	*Dilution stability of aqueous solutions*	full (Ljubljana 2010)	2010 / Handbook O page 174	Revised method	**CIPAC MT 41** (Handbook F) is “no longer supported and should not be used with new specification proposals but remains valid in support of existing specifications.”

CIPAC MT / Document no.	Title	Status CIPAC[1] (Meeting + Year of presentation)	Year of first Publication[2] / Reference[3]	Comment	Replacement for MT's and / or MT version
MT 46.4 *(CIPAC/5217)*	*Accelerated storage procedure*	full (virtual 2020)	2019 / Handbook P page 232	Revised method	**CIPAC MT 46.3, MT 46.3.4 LN, MT 46.3.5 MR** are "… is no longer supported and should not be used with new specification proposals but remains valid in support of existing specifications." MT 46.3.4 LN formulations (CIPAC/4956) (Handbook O) MT 46.3.5 MR formulations (incorporated type) (CIPAC/5045) (full 2017 / Method pre-published on CIPAC homepage only)
MT 47.3 *(CIPAC/4835)*	*Persistent Foam*	full (Kiew 2013)	2013 / Handbook O page 177	Revised method	**MT 47.2** (Handbook F) is "no longer supported and should not be used with new specification proposals but remains valid in support of existing specifications."
MT 73.1 *(CIPAC/4769)*	*Total hardness of water*	full (Dublin 2012)	2012 / Handbook O page 179	Additional method	**MT 73** (Handbook F) remains valid and will not be replaced by MT 73.1.
MT 148.2 *(CIPAC/5355)*	*Pourability*	full (Wageningen 2024)	2025 / CIPAC homepage	Revised method	**MT 148** and **MT 148.1** are "no longer supported and should not be used with new specification proposals but remains valid in support of existing specifications."
MT 160.1 *(CIPAC/5323)*	*Spontaneity of dispersion of suspension concentrates*	full (Braunschweig 2023)	2022 / Handbook Q page 193	Revised method	**MT 160** (Handbook F) is "no longer supported and should not be used with new specification proposals but remains valid in support of existing specifications."
MT 171.1 *(CIPAC/5003)*	*Dustiness of Granular Products*	full (Athen 2015)	2015 / Handbook P page 235	Revised method	**MT 171** (Handbook F) is "no longer supported and should not be used with new specification proposals but remains valid in support of existing specifications."
MT 172.2 *(CIPAC/5155)*	*Flowability of Granular Preparations after Accelerated Storage under Pressure*	full (Panama 2018)	2018 / Handbook P page 241	Revised method	**MT 172.1** *(CIPAC/4733* / Handbook O) is "no longer supported and should not be used with new specification proposals but remains valid in support of existing specifications."

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MT 178.3 *(CIPAC/5321)*	*Attrition Resistance*	full (Braunschweig 2023)	2022 / Handbook Q page 200	Revised method	**MT 178** (Handbook H) & **MT 178.2** (Handbook K) are "no longer supported and should not be used with new specification proposals but remains valid in support of existing specifications."
MT 179.1 *(CIPAC/4891)*	*Degree of dissolution and solution stability*	full (Liege 2014)	2014 / Handbook O page 189	Revised method	**MT 179** (Handbook H) is "no longer supported and should not be used with new specification proposals but remains valid in support of existing specifications."
MT 180 *(CIPAC/4794)*	*Dispersion Stability*	full (Dublin 2012)	2012 / Handbook O page 192	Method extension	Extension without new version number Change of scope: Only SE, DC and OD formulations for registration / specification with min + max field use concentrations. Change of Note 1: clarify "screening method", only for early development not for registration and quality control.
MT 184.1 (CIPAC//5156)	*Suspensibility*	full (Braunschweig 2019)	2019 / Handbook P page 245	Revised method	**MT 184 (**Handbook K) is "no longer supported and should not be used with new specification proposals but remains valid in support of existing specifications."
MT 185.1 *(CIPAC/5353)*	*Wet sieve test*	full (Braunschweig 2023)	2024 / Handbook Q page 205	Revised method	**MT 182** (Handbook J) & **MT 185** (Handbook K) have been combined into a single method for wet sieve test. **MT 182** (Handbook J) & **MT 185** (Handbook K) are "no longer supported and should not be used with new specification proposals but remain valid in support of existing specifications."
MT 190.1 *(CIPAC/5260)*	*Determination of Release Properties of lambda-Cyhalothrin CS Formulations*	full (Braunschweig 2023)	2022 / Handbook Q page 208	New method	**MT 190** (Handbook L) method revision, replace MT 190
MT 193 *(CIPAC/4731)*	*Attrition of tablets*	full (Ljubljana 2010)	2010 / Handbook O page 204	Revised method	**MT 193** (Handbook L) is "no longer supported and should not be used with new specification proposals but remains valid in support of existing specifications."

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MT 194 *(CIPAC/4580)*	*Adhesion to Treated Seed*	full (El Salvador 2009)	2009 / Handbook N page 145	Revised method	**MT 83** (Handbook F) **& MT 147** (Handbook F) are "no longer supported and should not be used with new specification proposals but remains valid in support of existing specifications."
MT 195 *(CIPAC/4827)*	*Wash resistance index of LN*	full (Kiew 2013)	2013 / Handbook O page 195	New method	
MT 196 *(CIPAC/4771)*	*Solution Properties of Water-Soluble Tablets (ST)*	full (Dublin 2012)	2012 / Handbook O page 210	New method	
MT 197 *(CIPAC/4894)*	*Disintegration of tablets*	full (Liege 2014)	2014 / Handbook O page 212	New method	
MT 201 *(CIPAC/5152)*	*Discharge rate of trigger dispenser*	full (Braunschweig 2023)	2022 / Handbook Q page 212	New method	
MT 202 *(CIPAC/5153)*	*Discharge rate of aerosol dispenser*	full (Braunschweig 2023)	2022 / Handbook Q page 215	New method	
MT 203 *(CIPAC/5356)*	*Density of solids and liquids with automated systems*	full (Wageningen 2024)	2025 / CIPAC homepage	New method	

(1) Status as CIPAC MT (provisional / full), Year and site of CIPAC Meeting where the MT method was first presented.
(2) Year of publication = Year in which the MT method was published on the CIPAC homepage.
(3) Reference = New / revised CIPAC MTs are first published on the CIPAC homepage after the meeting of their presentation during a CIPAC meeting. Only later, they will be published in a CIPAC Handbook and the respective Handbook is referenced.
(4) Superseded methods should no longer be used when the status of new provisional methods is changed to full.

Table: List of **Handbooks** related to CIPAC MT methods & **Year of Publication**

Handbook	Year of Publication
Handbook E	1993
Handbook F	1995
Handbook G	1995
Handbook H	1998
Handbook J	2000
Handbook K	2003
Handbook L	2006
Handbook M	2009
Handbook N	2012
Handbook O	2017
Handbook P	2021
Handbook Q	2024