



RFT SG Report

(Agrochemical Residue Field Trials SG)

Berlin, Germany

October 13th 2016

❖ Objectives:

- In consultation with ACAC, prepare and maintain a list of agrochemicals necessary to sustain successful leaf production and for which GRLs have to be set or reviewed.
- To produce a formal protocol for trial and testing procedures.
- Promote participation in this programme globally.
- Collate results of trials done under the formal protocol and make them available to ACAC.
- Collect already available field residue trial data from various sources and make them available to ACAC.



Meetings in the past & the latest

1. Kick-off meeting: June 30th 2012, Vienna Austria, 23 registered participants
2. 2nd meeting: September 22nd 2012, Sapporo Japan, 14 registered participants
3. 3rd meeting: January 20th 2013, Lexington USA, 16 registered participants
4. 4th meeting: October 12th 2013, Brufa di Torgiano Italy, 22 registered participants
5. 5th Meeting: January 11th 2014, Raleigh USA, 17 registered participants
6. 6th Meeting: October 11th 2014, Québec City, Canada, 25 registered participants
7. 7th Meeting: October 24th 2015, Izmir Turkey, 24 registered participants

8th Meeting

- **October 8th 2016, Berlin Germany**
- **23 registered participants**



8th RFT Participants

Name	Company/Institute	Name	Company/Institute
Andy Bailey	UK, USA	Carlos Insaurralde	AOI, USA
Colin Fisher	UK, USA	Anthony Jackson	Premium, Thailand
Randall Baren	Altria, USA	<u>Srinivas Putchala</u> ◀	ITC Limited, India
<u>Marcos Lusso</u>	Altria, USA	<u>Mamma S. Murthy</u> ◀	ITC Limited, India
<u>Claudia Berardi</u>	PMI, Switzerland	Lea Scott	ULT, USA
Matthew Vann	NCSU, USA	Christos Papamanthou	Michailides, Greece
Irving Berger	BAT-Souza Cruz, Brazil	<u>Naoki Watanabe</u>	JT, Japan
Leonardo Caruso	JTI, Switzerland	Naoto Yamaguchi	JT, Japan
Fabienne Mornet	JTI, Germany	Masahiro Miyoshi	JT, Japan
Marco Prat	JTI, Germany	<u>Kiyoshi Oyama</u>	JT, Japan
Susan Dimbi	TRB, Zimbabwe	Nakayama, Keisuke	JT, Japan
Jean-Marie Piquemal	Imperial Tobacco , LAO PDR		



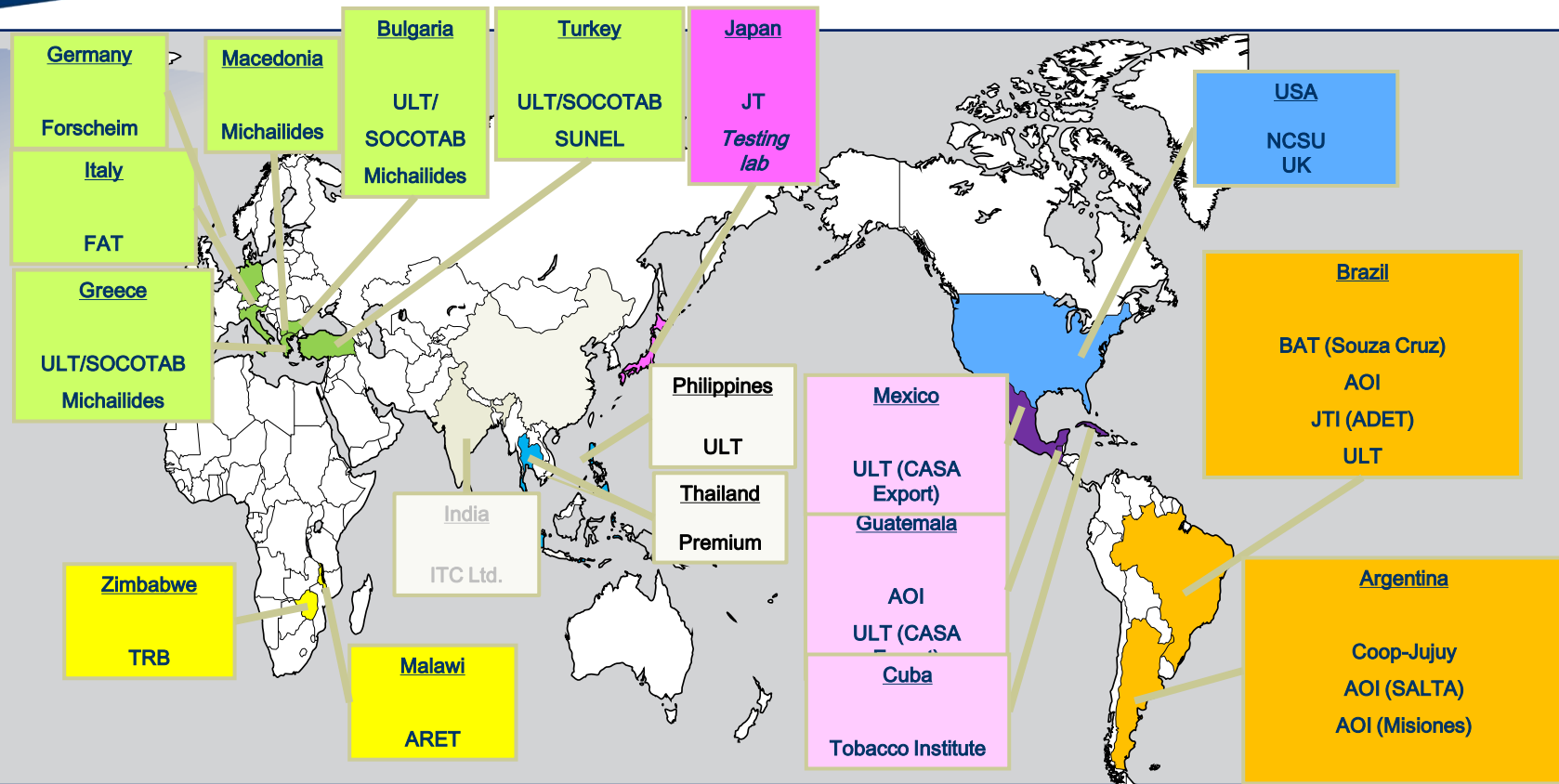
8th RFT **Review of the 1st 3-year trial cycle** **(2015-2015)**

❖ **RFT trials have been conducted:**

- **in 16 countries**
- **by 32 executors**
- **with 13 out of the 23 GRL candidates**
- **number of trials; 237**
- **number of samples; 1,436**
- **all executors reports were received, and all chemical analysis were completed;**
 - **product label violation**
 - **protocol violation**
 - **contamination of untreated samples**



8th RFT RFT SG Trial Map (as of Oct. 2016)



8th RFT Summary table (2013-2015)

Priority	CPA	No. of countries	No. of trials	No. of analyzed samples
1 st	Azoxystrobin	6	29	166
	Difenoconazole	2	9	62
	Indoxacarb	3	11	78
	Propamocarb	11	42	240
	Tebuconazole	3	12	80
	Chlorantraniliprole	3	19	130
	Triflumuron	1	13	70
	Triadimefon/Triadimenol	1	7	42
	Ethion			
	Triazophos			
	Fenamidone	4	23	150
Flubendiamide	5	24	142	
2 nd	Clothianidin	1	7	42
	Dicofol			
	Teflubenzuron	1	6	36
	Iprovalicarb			
	Spirotetramat			
	Bitertanol			
	Iprobenfos			
Thiacloprid	2	6	32	



8th RFT Summary table (2013-2015)

Priority	CPA	No. of countries	No. of trials	No. of analyzed samples
3 rd	Chlorfenapyr			
	Prothiofos			
	Quinalphos			
Others	Valifenalate, etc	3	29	166
Total 23 + others		Total 46	Total 237	Total 1,436



8th RFT Planning of the 2nd 3-year trial cycle (2016-2018)

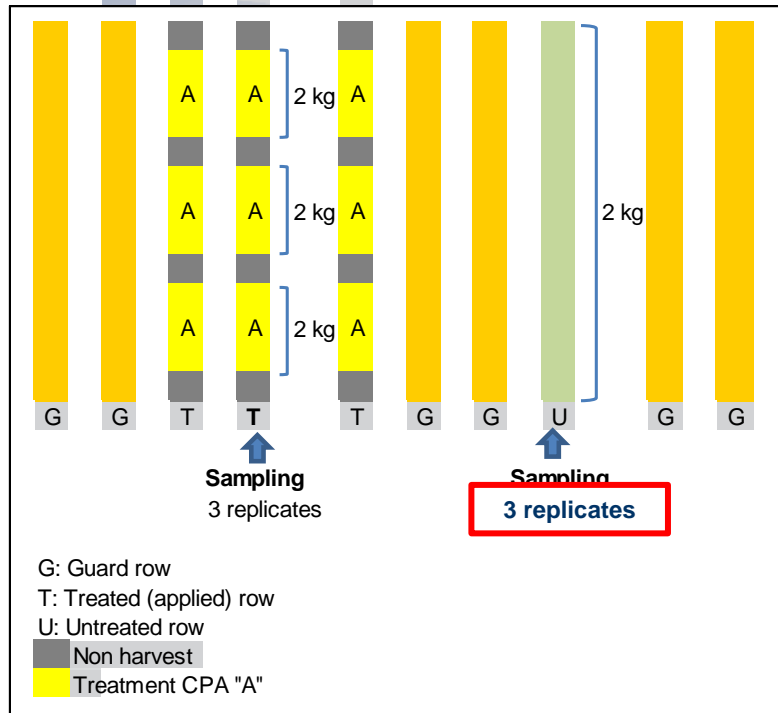
❖ 2016 trial:

- Same CPA trials to be carried out at least one more year (2016)
- No new CPAs to be tested basically
 - Exceptions: Spirotetramat (USA), Iprovalicarb (Turkey)
- Withhold further “seedbed treatment only trial” except for Propamocarb in oriental regions
- Encourage completion of unfinished 1st 3-year trial cycle

❖ After 2017:

- CPAs and trial regions are to be selected
 - Circulate priority list
 - New executor(s)

8th RFT Revision of the formal protocol



❖ Protocol v 5.1

- 3-replicate samples to be taken from the middle of the treated rows and 1-replicated sample to be taken from the untreated row

❖ Protocol v 5.2

- 3-replicate samples to be taken from the middle of the treated rows and ~~1-replicated sample to be taken~~ from the untreated row

- ❖ **Colin Fisher (UK) “Pest control, pesticide application, pesticide residues and the Kentucky conundrum”**
 - **Difference in residue between Lexington and Princeton**
 - Plant architecture, Application method, equipment, etc.

- ❖ **Masahiro Miyoshi (JT): “Cooperation and collaboration with AA SG”**
 - **CORESTA FAPAS PT 2016**
 - RFT samples were used as agronomically incurred testing materials
 - Agronomically incurred sample vs. spiked sample
 - Comparable/Not comparable z-score evolutions between 2 samples
 - **This collaboration is to be continued**



Organization

- ❖ **Coordinator:** Keisuke Nakayama, Japan Tobacco Inc., Japan
- ❖ **Secretary** : Matthew Vann, North Carolina State University, USA
- ❖ **Liaison** : Marco Prat, Japan Tobacco International, Germany



Acknowledgements

Thank you!