



AgroChemical Advisory Committee's (ACAC) Role in Supply Chain Integrity (Part 1)

Paris, France

9 June 2022



Agrochemical Advisory Committee (ACAC)

❖ ACAC was formed in 1990

- ~32 Years of service to CORESTA and the tobacco industry
- 15 Members and 5 Deputy Members
- Global representation across tobacco product manufacturing and leaf growing

❖ Objectives

- To address matters relating to agrochemicals* and topics associated with product stewardship and **integrity in tobacco** by gathering relevant information and disseminating **guidance** to stakeholders.

** Agrochemicals are those substances used in farming to manage pests and diseases or to regulate plant growth. They are also referred to as crop protection agents (CPAs) and plant protection products (PPPs), including biopesticides.*



How Does ACAC Impact Supply Chain Integrity?

❖ Stakeholder Engagement

➤ Tobacco Industry

- Manufacturers, Leaf Suppliers, Tobacco Growers Organizations, Etc.

➤ Chemical Manufacturers

➤ Tobacco Research Organizations & Institutions

➤ Regulatory

❖ Providing Guidance

❖ Being Adaptive, Responsive, and Proactive

❖ Guidance Documents

- No. 1 - Agrochemical Guidance Residue Levels (GRLs)
- No. 3 - Good Agricultural Practices (GAP) Guidelines
- No. 19 - Responsible Use of Crop Protection Agents (CPAs) in Tobacco Leaf Production
- No. 21 - Cigar Tobacco: Best Practices, Crop Protection and CPA Guidance Residue Levels
- No. 27 - Identification and Elimination of Highly Hazardous Pesticides (HHPs) in Leaf Tobacco Production

❖ **The GRLs have arguably had the most significant direct impact on tobacco leaf management as any CORESTA Guidance Document**



Guide 1 – Agrochemical GRLs

- ❖ **GRLs assist with the interpretation and evaluation of CPA residue testing results and serve as an indicator that Good Agricultural Practice (GAP) is being implemented in tobacco production.**
- ❖ **ACAC revises and updates the GRLs** as changes in CPA registrations, labels, regulations and agricultural practices, and based on improvements in analytical methods, and **new information** about residues.
- ❖ **A GRL does not replace regulations**, neither on the use of CPAs, nor with regard to residue levels that may be detected. GRLs are designed to emphasize the importance of GAP for growing quality tobacco.



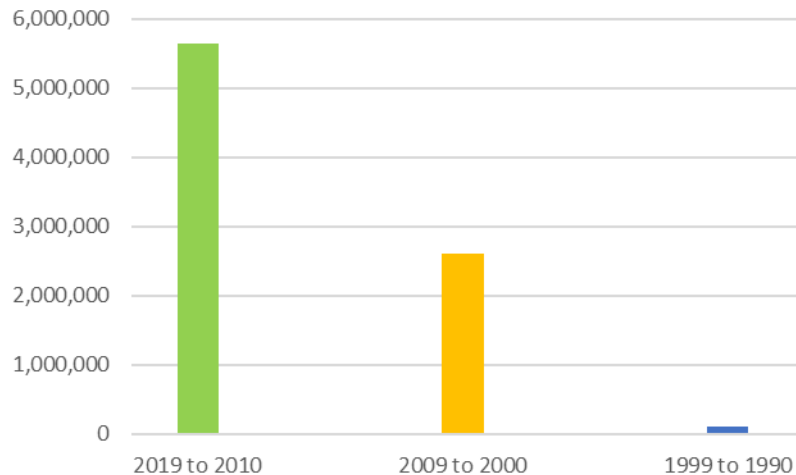
The Evolution of CPA Residue Monitoring

Testing Years	Analytes Tested	Analytes >LoQ	Percent Identified
2019 to 2010	5,638,859	135,526	2.40%
2009 to 2000	2,605,592	62,566	2.40%
1999 to 1990	108,049	13,142	12.16%

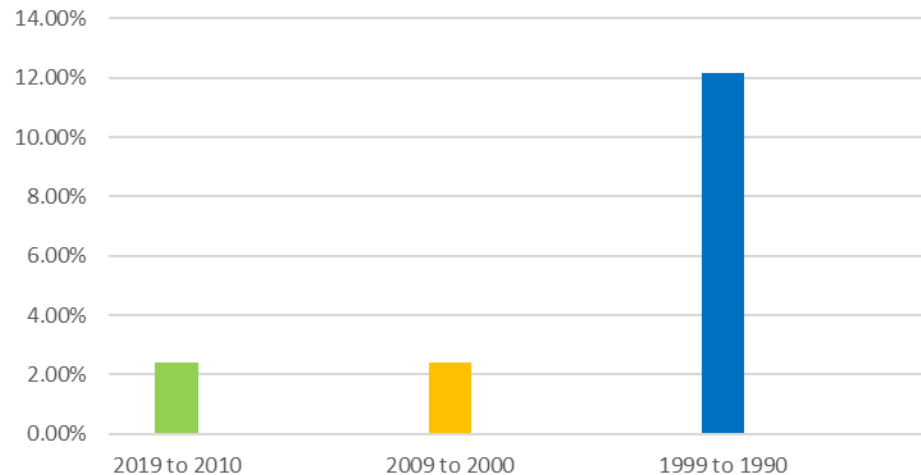


The Evolution of CPA Residue Monitoring

Number Analytes Being Tested



Percent Detected





The Impact of GRLs & Industry Actions

Methamidophos - Oriental Tobacco					
Year	# Sample	# >LoQ	# >GRL	% >LoQ	%>GRL
1990	2	0	0	0%	0%
2000	105	30	11	28.6%	10.5%
2010	482	13	0	2.7%	0%
2020 (2019)	78 (464)	0 0	0 0	0% 0%	0% 0%

Endosulfans Sum - Burley Tobacco					
Year	# Sample	# >LoQ	# >GRL	% >LoQ	%>GRL
1990	1	1	0	100%	0%
2000	198	105	31	53%	15.7%
2010	322	12	0	3.7%	0%
2020	365	0	0	0%	0%



Why is ACAC Relevant to Supply Chain Integrity?

- ❖ **In the Sustainability and ESG context, ACAC's actions have resulted in better management of CPA products in tobacco growing.**
 - **Lower Risk to Farmers & Workers**
 - (Social & Human Rights Impact)
 - **Lower Environmental Impact**
 - (Environmental & Human Rights Impact)
 - **Improved Regulatory Adherence**
 - (Governance & Economic Impact)
 - **“Compliant” Product & Marketability**
 - (Economic & Human Rights Impacts)

- ❖ **As we have seen today, Supply Chain Integrity is broad, diverse, and involves many aspects that need to be addressed.**
- ❖ **ACAC's work in the CPA space has directly influenced tobacco production, and consequently the stakeholders associated with tobacco and tobacco derived products.**
- ❖ **Through ACAC's engagement and guidance (Governance), and the resulting changes in tobacco growing (Environmental / Planet and Social / People), aims to result in a product that is both desirable and marketable (Economic / Profit), which benefits everyone along the tobacco supply chain.**



A Special Thanks to All Current ACAC Members and Deputies

Mr. Lea SCOTT (1998) Chair

Dr. Leonardo CARUSO (2007) Vice Chair

Dr. Irving J. BERGER (2012)

Dr. Stéphane COLARD (2019)

Dr. Ian DUVENAGE (2019)

Mr. Mauro GONZALEZ (2019)

Dr. Paul HARP (2009)

Mr. Carlos INSAURRALDE (2012)

Mr. Anthony JACKSON (2016)

Ms. Rhoda MAVUKA (2018)

Mr. Jerry Whit MORRIS (2021)

Dr. Srinivas PUTCHALA (2020)

Mr. Rene RAMOS (2021)

Mr. Makoto SEBATA (2022)

Dr. Odacir TONELLI STRADA (2018)

Deputy Members:

Dr. Christelle BONNET (2022)

Dr. Michele DI GIACOMO (2019)

Ms. Fabienne LALANDE (2022)

Mr. Stewart LIVESAY (2021)

Mr. Joshua L. LONG (2017)



Thank You For Your Attention

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