

Collaborative Study of Low Nicotine Tobacco Agronomic Production Practices (LNTP) Task Force Annual Report

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CORESTA Online Congress

October 2020



Objectives:

- 1. To determine the impact variety selection has upon nicotine levels.
- 2. To determine the impact of modified cultural practices have upon nicotine levels.



Achievements

Project No.	Activity	Leader	Time
	• First TF meeting in October 2019 – Victoria Falls, Zimbabwe (54 attendees)	Lusso and Malpica	Oct. 2019
	Confirmed 12 participants representing 10 countries	Lusso	Nov. 2019
226	Completed field test protocol	All TF Members	Jan. 2020
	 Shipped seeds to 9 test locations. One location received seeds from Bergerac only (China). No seeds were shipped to 3 countries (Zimbabwe, Malawi and South Africa) 	Adams and Malpica	April 2020
	• RJR volunteered to conduct the chemical analysis (1 st round of samples will be ready to submit between September and January)	Mike Ogden	April 2020
	Received 5 field test reports	Lusso	Sept. 2020



LNTP TF Field Trial Participants

Country	Company	PI	Location	Тоbассо Туре	Seeding Time	Chemistry Sample #	August Report Received
USA	NCSU	Matthew Vann	Kinston (NC)	Flue-Cured	February 15 th	48+12 (4 rep)	Yes
USA	NCSU	Matthew Vann	Oxford (NC)	Flue-Cured	March 1st	48+12 (4 rep)	Yes
USA	NCSU	Matthew Vann	Laurel Springs (NC)	Burley	March 20th	48+12 (4 rep)	Yes
USA	Virginia Tech	David Reed	SPAREC (VA)	Flue-cured	March	48	No
USA	Virginia Tech	David Reed	SPAREC (VA)	Burley	March	48	No
USA	University of Kentucky	Colin Fisher	Lexington, KY	Burley	March	36	No
Philippines	Universal Leaf Philippines	Lewis C. Flowers	llocos Sur, Philippines	Flue-Cured	September	36	No Southern Hemisphere
Philippines	Universal Leaf Philippines	Lewis C. Flowers	Isabela, Philippines	Burley	October	48	No Southern Hemisphere



LNTP TF Field Trial Participants

Country	Company	PI	Location	Tobacco Type	Seeding Time	Chemistry Sample #	August Report Received
Korea	KT&G	Jeong-Heon Lee	Daejeon, Republic of Korea	Burley	February	48	Yes
Korea	KT&G	Jeong-Heon Lee	Daejeon, Republic of Korea	Flue-cured	February	48	Yes
Italy	Fattoria Autonoma Tabacchi	Gilberto Milli	Umbria, Città di Castello, Perugia, Italy	Flue-cured	March	48	Yes
Brazil	Alliance One International	Ezequiel de Oliveira	Arroio do Tigre – RS - Brazil	Burley	May	48	Yes Southern Hemisphere
Brazil	Alliance One International	Ezequiel de Oliveira	Passo do Sobrado – RS - Brazil	Flue-cured	May	48	Yes Southern Hemisphere
France	Bergerac Seed and Breeding	Anna Malpica	Bergerac, France	Flue-cured	February	48	Yes
France	Bergerac Seed and Breeding	Anna Malpica	Bergerac, France	Burley	February	48	Yes

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LNTP TF Field Trial Participants

Country	Company	PI	Location	Tobacco Type	Seeding Time	Chemistry Sample #	August Report Received
China	Henan Agricultural University	Hongzhi Shi	Xuchang, Henan, China	Flue- cured	February 1st	36 (No USA seeds)	No
China	Henan Agricultural University	Hongzhi Shi	Xuchang, Henan, China	Burley	February 1st	36 (No USA seeds)	No
Malawi	Agricultural Research and Extension Trust	Albert Chamango	Kandiya Research Station, Malawi	Burley	July - August	48	Test Cancelled
South Africa	LARSS PTY LTD	Anton Scholtz	South Africa	Flue- cured	Мау	48	Test Cancelled
Zimbabwe	Tobacco Research Board	Frank Magama	Banket Research Station, Banket	Burley	June	48	Test Cancelled
Zimbabwe	Tobacco Research Board	Frank Magama	Kutsaga Research Station, Harare	Flue- cured	June	48	Test Cancelled

- All Seeds Shipped
- Bergerac Seeds Shipped
- Test was cancelled due to Covid-19 or not able to ship the seeds

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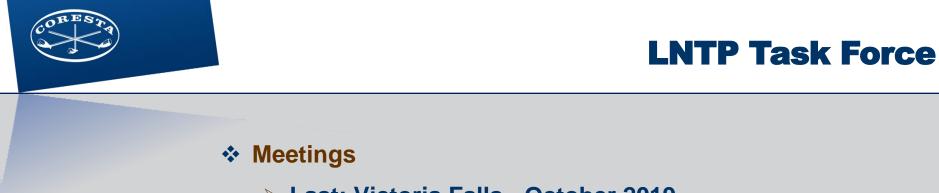
On-Going

Project No.	Activity	Leader	Time
226	Finalize logistics for sample analysis	Rowe (RJR) and Lusso	Sept. 2020
	Confirm the seed source for next round of field trials	Adams and Malpica	Nov. 2020
	Confirm participants for the 2021/2022 round	Lusso and Malpica	Nov 2020



Further projects

Activity	Leader	Time
226 – 1 CTR CS of Low Nicotine Tobacco Agronomic Practices (LNTP)	Lusso	12/31/2023
226 – 2 CXP on Low Nicotine Tobacco Agronomic Practices (LNTP)	Lusso	12/31/2023



- Last: Victoria Falls October 2019
- Next: Online meeting in January 2021

Thank You