



***INNOVEA Global Coffee Breeding
Network in Colombia***



Genetic improvement of coffee: advances in México 2022-2025

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November 17-21, 2025.

Activities 2022-2023

- ✓ **Initial contact between WCR and UACH, June 2022.**
- ✓ **Project Budget Development, July 2022.**
- ✓ **Start of the WCR - UACH Collaboration Agreement, August 2022.**
- ✓ **Global Coffee Breeding Network in Jaco, Costa Rica, November 8-10, 2022.**
- ✓ **Memorandum of Understanding, December 2022.**
- ✓ **First introduction of seed from El Salvador, June 15, 2023 (0.8 kg). Seed planting, September 26, 2023. 28 materials – 25% germination.**
- ✓ **Agreement to participate in the research consortium between WCR and UACH, October 1, 2023.**
- ✓ **Innoeva Breeders Technical Workshop, November 13-17, 2023, Amsterdam, The Netherlands.**
- ✓ **WCR visit to UACH – CRUO in Huatunco, Veracruz. Areas visited: Germplasm bank, nurseries, plantations, processing plant, roasting area, and quality control laboratory. Visit to producers in the Huatusco region, Veracruz, Mexico. December 5-6, 2023.**



A workshop involving breeders from four countries



Activities 2024 – Propagation

- ✓ **Second seed introduction. January 31. 28 materials – 1184 seeds.**
- ✓ **Seeds planting in seed beds under greenhouse conditions. February 10. 67% germination.**
- ✓ **Seedling development and maintenance:, February–November.**
- ✓ **Agreement to participate in the WCR-UACH Research Consortium, April 4.**
- ✓ **Transplanting to nursery, June.**
- ✓ **Labeling by UIC IWCR for plant identification, June.**
- ✓ **First genotyping: nursery phase, September 20–21.**
- ✓ **Shipment of genotyped materials to Sweden, September.**



Activities 2024 – Field establishment

- ✓ **Land preparation: layout, staking, digging holes, application of fertilizers and compost. September and October. Area: 1680 m²**
- ✓ **Diverse shade and regulation. 30 trees of 8 species (*Ulmus mexicana*, *Inga* sp., *Grevillea robusta*). Coverage: 46.8%**
- ✓ **Soil sampling: October 31.**
- ✓ **Planting of the experiment: November 12–14.**
- ✓ **Soil analysis: December.**
- ✓ **Installation of thermal netting: December.**



Activities 2025

- ✓ **Removal of thermal netting, February.**
- ✓ **Plot management: weeding, nutrient application, January–November.**
- ✓ **Flowering trials, February.**
- ✓ **Monthly evaluation of coffee plants, January–December.**
- ✓ **Second genotyping and labeling of plants, July 24.**
- ✓ **Shipment of materials to Australia, July 31.**
- ✓ **First production trials.**
- ✓ **Colombia meeting, November 17–21.**



Work team

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