

Nestlé CocoaSoils: Status & Progress

Arthur TAPI, Guy KOUADIO, Hubert COFFI, Joëlle ABEGA-OYOUOMI

Nestlé R&D ABIDJAN-Côte d'Ivoire

arthur.tapi@rd.nestle.com

Objective

Build knowledge on soils management practices to make profitable cocoa farms by developing affordable fertilizer

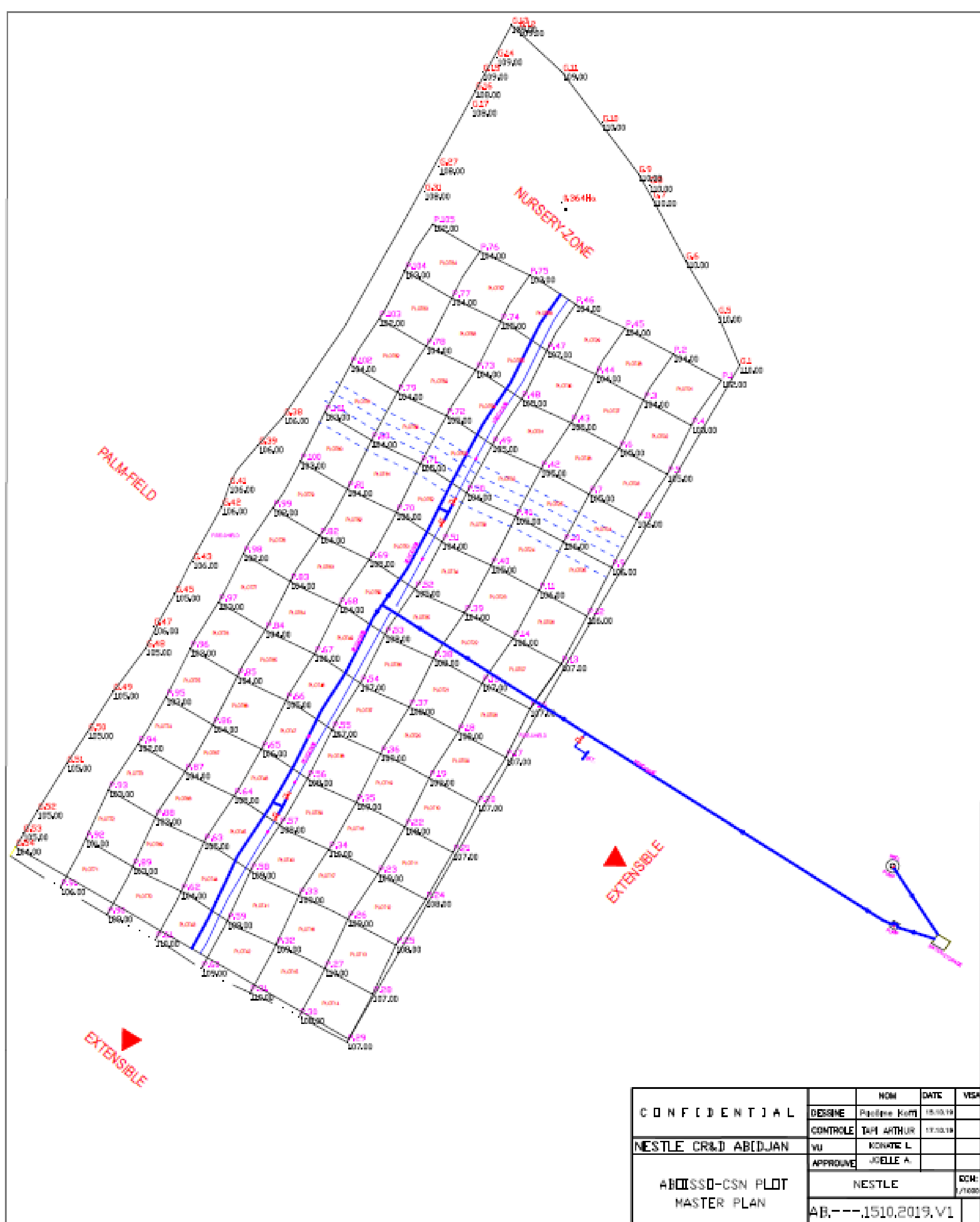
The expected results are :

- Generate soil fertility and plant nutrition knowledge and support fertilizer use among farmers in order to improve yield
- Demonstrate fertilizer application profitable for farmers by increasing their revenue

Approaches

- Implement **Core trial** & Monitor data collection
- Set up **Satellites trials** at farmers' level
- Build knowledge on nutrient uptake and use by cocoa plant: PhD study **with Wageningen University & Research (WUR), The Netherlands.**

Achievement



✓ Core trial

05°30.085, W003°00.74

- **Country:** Côte d'Ivoire
- **Province:** Aboisso
- **Village:** Baffia-Mafere
- Coordinates of the trial corner points done
- **Total size (ha):** 2 ha
- Number of **sub-plots** that can be established: 84
- Banana trees **shade system** finalized
- **Irrigation** platform finalized
- Barriers cocoa trees planted
- Soils sampling finalized
- Trees for planting: **3000 ES+OS** at rooting stage
- Contract with hosted Center ANADER signed



Shade system & irrigation pipeline

✓ Satellite trials

- Principle of agreement with IRAD-Cameroun



Soil sampling

✓ PhD study with WUR

- Contract signed to host & supervise PhD student
- Protocoles & Budget approved
- Field work schedule validated

Timeline & Deliverables

