**No Till System, Productive and Sustainable Agriculture MicroMaster® Program**

The program and its courses were developed by the Agricultural School ( Facultad de Ciencias Agropecuarias ) of Cordoba National University of Argentina and produced by Campus Virtual of the same University. The MicroMaster® in No Till System MicroMaster ® and its courses are delivered by the EDX Virtual Platform of Harvard University and the Massachusetts Institute of Technology of Cambridge USA.

The Micro-Masters® program is organized in five courses with several modules each.

1. **The No Till Farming System Context and Certified Agriculture**.

Fundamental principles of the No Till System.

1. **Soil in the No Till Farming System.**

Soil and environmental related properties. Physical and chemical characteristics and quality associated with the farming process **.**

1. **The Microbiology of the No Till Farming System.**

The relevance of soil microbiology. Soil microorganism and soil biological functions evolution under the system..

1. **The Technology in No Till Farming** **– Agriculture by Environments.**

Important issues to be taken into consideration to improve the farming results: the importance of rotations and crop diversity and pastures cash crops integration. The importance of specific machinery as planters-drillers, etc. Precision Agriculture.

1. **Management of pests, weeds and desease in No Till Farming System.**

**The** management of pests, weeds and plant deseases within the No Till System.

Duration to take the Full MicroMaster® program and all its courses, is 8 th. months (5-7 Hrs/week) adjustable at your desired rhythm. Also any individual courses can be followed at any personal selection and preference.

The MicroMaster® Program and any or all its courses can be followed for free if evaluation and credits are not claimed. Taking the courses with evaluations and for credit will cost 495 Us Dollars for the five courses and the complete program.

All courses are offered in Spanish and sub-titled in English.

More extensive information can be found at :

<https://www.edx.org/es/micromasters/uncordobax-siembra-directa-agricultura-productiva-sustentable>