



UNIVERSIDAD DE GUADALAJARA



UNIVERSIDAD MICHOCANA DE SAN NICOLÁS DE HIDALGO



CACTUS PREMIUM sarl
Cactus Design Office
Morocco

Organize

Third International Itinerant University of Prickly Pear Cactus (Nopal)

From September 13 to 23, 2019

1500 Km - 8 universities - 8 cities

Ojuelos y Zapopan, Jal. – San Felipe, Gto. – San Luis Potosí, SLP – Morelia, Mich. Villanueva, Pue. – Pachuca-Hgo.

Under the theme:

Cactus, a real solution to save the planet threatened by the impacts of climate change.

With the outstanding collaboration of



Objectives of the third edition:

- Exchange knowledge among participating universities, producers and cactus processors.
- Identify and respond to farmers' needs in terms of technical expertise.
- Sensitize consumers to the nutraceutical virtues of the cactus.
- Share ideas with the participating youth population on the environmental interest.
- Transfer ideas of good management of agricultural practices in cactus plantations.
- Some other applications of cactus, breeding and application of cochineal



Third International Itinerant University of Prickly Pear Cactus: Itinerary (13-24 September 2019)



Participating countries to date: Mexico (Organizer) - Argentina - Morocco - Algeria - Ethiopia - Ivory Coast

For more information, contact Dr. Liberato Portillo (Mexico) - Eng. Abderrahmane AITHAMOU (Morocco)

Third International Itinerant University of Prickly Pear Cactus: Program (13-24 September 2019)

1 Guadalajara, 13.09.19

OPENING

Welcome: Dr. Carlos Beas Zárate, Rector CUCBA-UdeG
CONFERENCES:

Dactylopius spp, breeding and control: Dr. Ana Lilia Viguera
In vitro multiplication of cactus: Dr. Liberato Portillo
Black spot of cactus: Dra. Judith Ochoa, Argentina
Nopal in North Africa: Ing. AitHamou Abderrahman
The nopal in Ethiopia: M.Sc. Yemane Kabsay

Coordinator: Teacher. Rafael Soltero

Tarde turística por el pueblo de Tlaquepaque

4 San Felipe, Guanajuato - 16.09.19

Visit to the V Fair of the Colonche in Laguna de Guadalupe:
Fermented drink of Opuntia streptacantha.

Exhibition and sale of products made from cactus and other
cacti: Local producers.

Distilled from tuna de Ocampo, Gto.: Lic. Alejandro Vázquez
and Ing. Hugo Alfaro

CONFERENCES:

Nopal cultivation, grana breeding and wild cochineal control: Dr.
Ana Lilia Viguera and Ing. César Antonio Castro Carrasco
Coordination: Dr. Liberato Portillo



7 Villanueva, Puebla : 21-22.09.2019

Welcome at Flor de Villanueva: Lic. Mario Carpio

1. Tour of plantations of different species of cactus Las Tunas
(fruit) and nopalitos (vegetables).

2. Visit to the tuna packing plant for export La Flor de
Villanueva.

Coordination: Ing. Omar Carpio

Collaboration: Familia Carpio

2 Zapopan, 14.09.19

Visit to plantations producing nopalito (Opuntia atropes)
in San Esteban, Zapopan: Mr. Isidro Sierra
Tourist afternoon through the city of Guadalajara



5 San Luis Potosí, 17-18.09.19

National Nopal Day: September 18

Tourist afternoon in the city of San Luis Potosí
Welcome by authorities of the municipality of SLP
CONFERENCES:

Experiences with fodder nopal in San Luis Potosí: Ing.
Arturo Tello and Sra. Luz Elena Corripio
Experiences in cactus in Morocco: Ing. AitHamou
Abderrahman ANADEC-Morocco

The cactus in Algeria: Ing. Djamel Chaib
ANADEC Aregelia

Intensive production of fodder cactus: Dr. Clemente
Gallegos

Control of cochineal and weevil of the thorns: Dr. Jaime
Mena - Rations of nopal forage: Dr. Jesús Fuentes

Field visit: Ing. Román Cruz

Coordination: Lic. Alfonso Moreno

8 Pachuca, Hidalgo 23.09.2019

Presentation of the II International Congress of Nopal,
Tuna and Maguey: Dr. Cliserio González

Round table: Conclusions of the event

Coordination: Lic. Reyna Monroy

CLOSING

3 Ojuelos, 15.09.19

Tour of tuna, nopalito and post-harvest systems in Rancho las Papas in
Ojuelos de Jalisco: Mr. Fernando Torres Guide
Round table on experiences with cactus in North Africa, Ethiopia,
Argentina and Mexico: Master. Lina Torres
Coordination: Dra. Rosa de Lourdes Romo
Cry of Independence of Mexico in Lagos de Moreno

6 Morelia, 19-20.09.19

Tourist afternoon in the city of Morelia
Presentation and welcome at the Michoacán University of San Nicolás de
Hidalgo: Dr. Juan José Valdez Alarcón

CONFERENCES

Experiences on cactus feeding in the production of pigs, poultry and
cattle: Dr. Gerardo Ordaz Ochoa, Dr. Aureliano Juárez Caratachea and
Dr. Daniel Val Arreola

Agroforestry systems and the inclusion of cactus crops in the dry tropics:
Dr. Juvenal Esquivel Córdoba

Use of cactus and its applications: Dr. Héctor E. Martínez Flores / Effect
of cactus on the microbiota: Dr. Juan José Valdez A.

VISIT TO WORKSHOPS:

1. Production of quality products based on cactus: Dr. Héctor E. Flores
Martínez. 2. Elaboration of dairy products based on nopal: Dr. Rosa Elena
Pérez Sánchez, Dr. Daniel Val Arreola and MC. David Bravo. 3. Diets
supplemented with nopal for sows in the lactation phase and pigs in the
production line: MC. Ruy Ortiz Rodríguez and Dr. Gerardo Ordaz Ochoa.
4. Diets supplemented with cactus for laying birds: Dr. Aureliano Juárez
Caratachea

Coordination: Dr. Rosa Elena Pérez Sánchez.

Collaboration: Dr. Pedro A. García S., Dr. Juan Pulido S., Dr. Víctor
Manuel Sánchez Parra

9 Mexico 24.09.19 Return from Mexico

