

Even in extreme conditions

HYDRO Fertilizer - N.P.K

**BARBARY - PLANTE<sup>®</sup>**

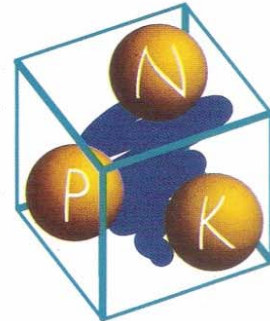
*in the answer*

## HYDRO FERTILIZER

### *Composition :*

Barbary-Plante G2 is a soil conditioner composed with biodegradable polymer BARBARY-PLANTE ( Copolymère Acrylamide-acrilate de sodium réticulé ) .

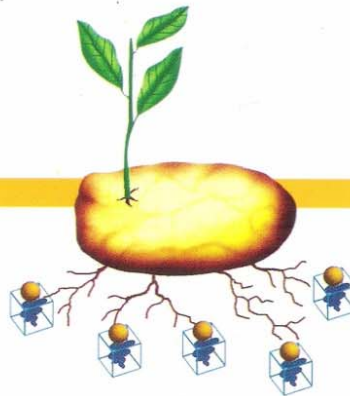
Subject of the French Ministry of Agriculture Homologation Number 90 101 33, enriched by N.P.K. fertilizer .



### *How it works :*

The living seed germinates and creates roots which will penetrate the particles of Barbary-Plante to find water .

Eventually the young plant will find nutrients elements to grow and develop a particularly large rooting system which will optimise the absorption of all traditional nutrients applied at a later stage .

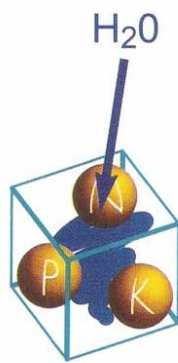


**BARBARY-PLANTE with its water charge facilitates the germination and taking root in dry areas**

# N.P.K

## ***BARBARY-PLANTE*** main performances :

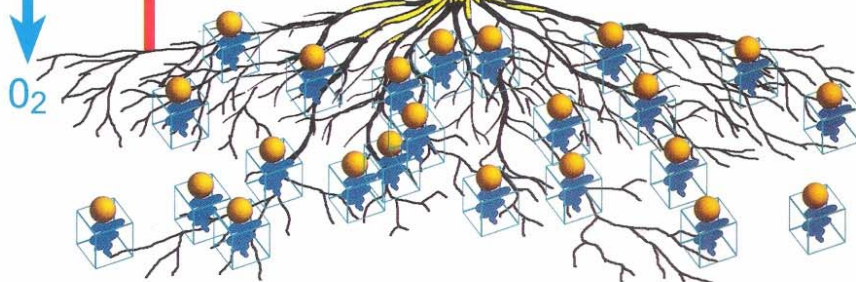
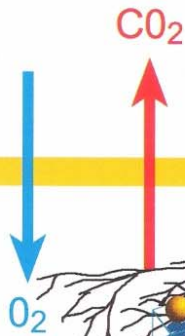
- (1) Absorbs quickly 500 to 1000 times its volume of water .
- (2) Relases slowly water and nutrients .
- (3) Neutralises salts harmful effects .



All these aptitudes lead to a sustainable improvement of all types of soil with clear yields increases as it has been proved in many field tests performed in :

- ★ China .
- ★ Saudi-Arabia
- ★ Qatar .
- ★ France .
- ★ Libanon .
- ★ Israël .
- ★ Egypt .
- ★ Switzerland .
- ★ Senegal .
- etc....

Lonic Exchange



( Roots search for Barbary-Plante to get water, nutrients And protections )

# BARBARY BLANTE

## *Agronomic aspects :*

- ★ Yields increase .
- ★ Shortening of cultivation cycles .
- ★ Protection of crops agains drought .
- ★ Increase of plants resistance to diseases .

## *Economic aspects :*

- ★ Watering reduction up to 50% .
- ★ Improvement of usual fertilizers efficiency .
- ★ Man power reduction .
- ★ Reduction of soil working .
- ★ Saving on draining costs .

## *Soils improvement :*

- ★ Humus sustainable development .
- ★ Enhancement of barren lands .
- ★ Softening of compact soils .

## *Reforestation :*

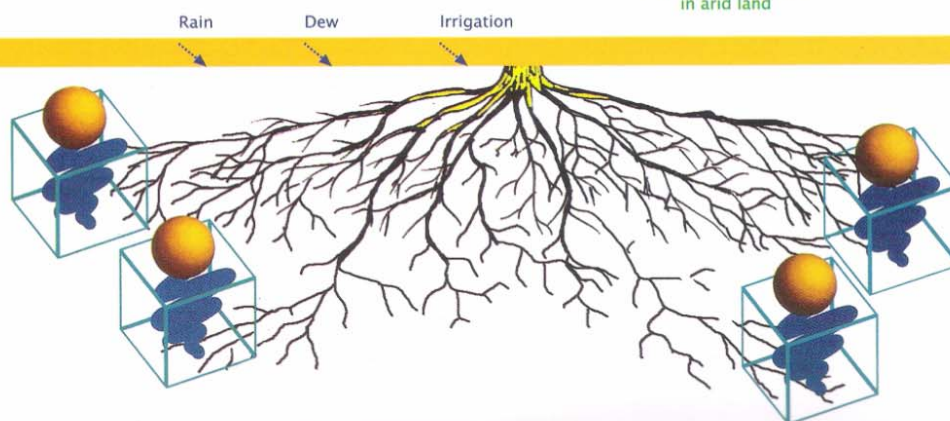
- ★ Improvement of dry lands .
- ★ Improvement of salty lands .
- ★ Desalination of briny waters .
- ★ Improvement of deserts lands .
- ★ Guarantee of seedlings recovery in dry lands .

## *Environment protection :*

- ★ Fight against erosion .
- ★ Fight against soil deterioration .
- ★ Fight against deterioration .
- ★ Fight against ground water pollution and nitrates seepage .
- ★ Reduction of chemicals pollution .
- ★ Reduction of leaching .
- ★ Reduction of soil salinity .

## *It's range of action*

Desert lands, barren lands, drought areas, arboriculture, market gardening, large scale farming, flowers growing, greenhouses, nurseries, forests, sports grounds, golf courses etc....



## ***Instruction for use***

### ***(1) Large Scale Farming :***

After ploughing, apply 80 to 100 Kg per acre and mix into in the arable layer at 10 to 15 cm depth .

### ***(2) Vegetables :***

Place 20 grams of produce straight in the roots zoon, around and beneath of the seed .

### ***(3) Trees plantation :***

For a successful plantation of tree in poor or sand or slain soil or in difficult areas, mix 1 to 2 Kg with the plantation soil and put it 60% out beneath and 40% around the roots, and irrigate abundantly.

### ***(4) Recovery of deficient trees :***

For the recovery of deficient trees in poor or sandy soils as well as treatment of illness, dig holes around the roots zone and around the roots area, place 1 to 2 Kg of produce per tree, cover the roots and irrigate abundantly .

### ***(5) Nurseries :***

Mix 100 grams of produce with 2 litres of soil, and put it in germination plat260 holes, added 2 litres of water and wait one full day, after put the seeds, one seed in every hole, add little water for first irrigation and after reduce 50% of traditional irrigation .

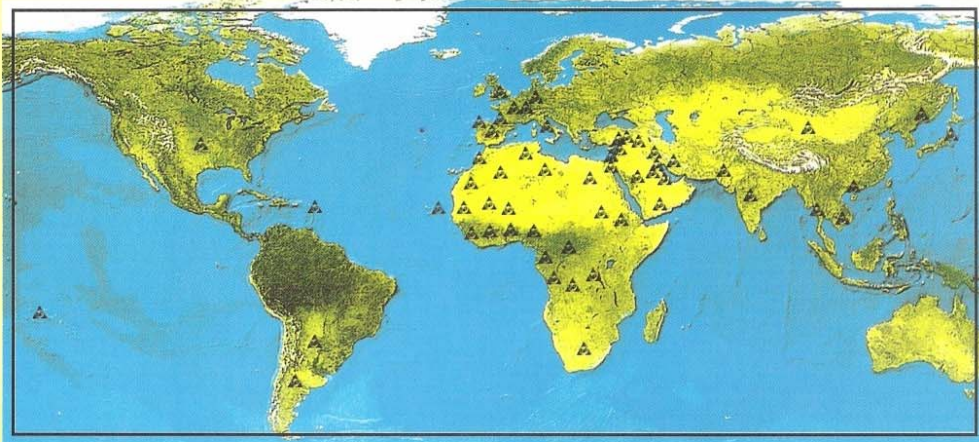
### ***(6) Pot Cultivation :***

Mix 2 Kg of produce with one cubic metre of soil and put the mixing in 75% of pot ground capacity, do irrigation and put the seed in the second day, with little irrigation, and after reduce irrigation to 50% from traditional one .

**INVENTION PATENTS:** Holder of the **GOLD MEDAL** of **INVENTIONS** and **NEW TECHNICS**, also invention holder of the **GOLD METAL** of the **WORLD INTELLECTUAL PROPERTY ORGANIZATION ( WIPO - OMPI )**

**BARBARY - PLANTE : Trade mark**

# BARBARY - PLANTE in the world



**BARBARY - PLANTE<sup>®</sup>**  
*Agro France International*

**76 - 78 Avenue des Champs - Elysées**

**75008 - Paris - France**

**Tel: (+33) 1 42 25 54 42**

**Fax: (+33) 1 42 25 54 42**

**[www.barbary-plante.com](http://www.barbary-plante.com)**

**e-mail: [agrofrance@barbary-plante.com](mailto:agrofrance@barbary-plante.com)**

**Notre Bureau à Dubai**

**P.O.Box 20314 Dubai - U.A.E**

**Tel: (+971) 50 6546402**

**Fax: (+971) 4 2670144**

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