



In this issue

- Treatment of eyelid salinity and inflammation
- Five brands of Iranian medicinal plants
- 1450 tons of medicinal plants produced in Mazandaran
- MSc courses in Iran and China
- Inhibition of flight delays by lotus leaves
- 1500 kg of medicinal plants in Sirjan
- Member spotlight: Dr. Haji Akhondi

Treatment of Eyelid Salinity and Inflammation Found by Iranian Researchers

Medicinal plants researchers found a medicine for treating salinity and inflammation of eyelids; therefore, cause the growth of eyelashes and eyebrows. Dr. Ali Salehnia the chief executive of applied research laboratory of medicinal plants in Lorestan said: this drug is produced from a plant called **Mort Sabz** In mountainous area of Zagros and has great effect on this ailment. This plant has antifungal and antibacterial effect. Then he added this disease is caused by using chemical and bad quality cosmetics in women. This Drug cleans the roots of the hair from infectious elements and shows great signs of suitable treatment.



Five Brands of Iranian Medicinal Plants

One of executives of a pharmacy factory of Helale Ahmar reported of producing 3 to 5 medicines with plant origins and national brands which will be provided into market in second part of the year. Faraz Imami the director general of Saha Jisa factory dependent to Helale Ahmar Medical Organization said: This factory has the license to produce dried and liquid essences and now 3 to 5 essences are produced to be transformed to capsules and ointments.

Medicinal Plant Diversity in Iran



1450 tons of Medicinal Plants Produced in Mazandaran

Executive of husbandry in Jihad-e- agriculture of Mazandaran province reported of 1450 tons of medicinal plants produced last year in this province. Adel Safaee said: "there are about 850 hectare of farming lands for medicinal plants in Mazandaran. *Rosa damascene*, *Salix aegyptiaca*, *Ferula gummosa*, *Thyme*, *Valeriana officinalis*, *Utrica dioica*, *Rosemary*, *Mint* are the medicinal plants cultivated in this province. Some cities as Babol, Sari, Savadkoh, Nooshahr, Amol, Behshar, Neka and Ramsar are where medicinal plants cultivated and produced. He added, the pharmacy company of medicinal plants in the province extracts the essences of some medicinal plants and send its compositions outside and inside the province.

M.Sc courses in Iran and China

Dean of medical college of Tehran said MSc courses in traditional medicine is going to be hold in Iran and china. M. B. Larijan with presence of Iranian ambassador in china in ministry of health and Treatment and Education added, these courses are going to take place one year in China and one year in Iran as applied and scientific. Those who participate in these courses are almost doctors or medical students and by the end of the course they would receive a certificate from each country separately. Larijani stated that in China Diabetes and other metabolic diseases are widespread and in this situation the best method of treatment is traditional medicine.

Description of the picture:

No.	Species	Province
1	<i>Valeriana officinalis</i>	Mazandaran
2	<i>Salix aegyptiaca</i>	West Azarbaijan, Oromieh
3	<i>Rosa damascena</i>	Esfahan, Kashan
4	<i>Rununculaceae</i>	Kerman, Sirjan

Inhibition of Flight delays by Lotus Leaves

Based on the researches carried out in GA institute covering the wings of airplanes in winter with a nanometer layer of lotus, inhibit the wings from freezing and therefore flight delays. Lotus leaves have hydrophobic feature and it could create a waterproof coating. For example one of the most important causes of flight delay in winter is to not having enough time to remove the frost from wing before flying.



1500 kg of Medicinal Plants in the First Two Month in Sirjan

The executive of Tribal Office in Sirjan (a city in Kerman province) said: tribes in Sirjan collected more than 1500 kg of medicinal plants from nature. Bijan Ghollampour in an interview with Fars news agency stated that because of good raining in the recent year and after continuous drought, medicinal plants as *Bunium persicum*, *Thyme vulgaris*, *Ranunculus*, *Ferula assa-foetida* L., *Pennyroyal* and *Achillea millefolium* are going to be provided into the market.

372 Herbal Medicines Under Insurance

The director of food and medicine organization in Iran reported that 372 number of herbal medicines are going to be under insurance. Recently 500 license for producing herbal medicines have been provided that 372 number of them are going to be under insurance. These medicines are produced in chemical factories and only small number of herbal medicine factories are working in Iran.



Member Spotlight: Dr. Haji Akhondi

Dr. Abbas Akhondi was born in 1958 in the city of Damavand. He was graduated from Tehran university in pharmacy and he also got his PhD in data phyto-

chemistry from Paris. His profession is extraction, purification, determining molecular construction of plants and natural materials. He is one of scientific boards of Tehran University since 1995. He has been an advisor of health minister in medicinal plants and Iranian medicine. Mr. Ebadi had an interview with him and here there is a summary of that interview. Ebadi: one of the issues that medicinal plant has not developed is lack of investment but in chemical medicine is not like that do agree?

Dr. Haji Akhondi: I don't agree. Three years ago financial circulation in medicinal plants were 2300 billion Tomans but it was less than agricultural circulation. *Saffron*, *Bunium persicum*, *Zizyphus jujube* and *tea* had higher circulation.

Ebadi: How far we are from the developed countries in medicinal plants.

Dr. Haji Akhondi: there is a big gap between us and developed countries in this issue. Regarding scientific production we don't have any problem and even we are doing better than other countries but in industry and technology, marketing and investments there are some weakness. Based on world statistics in nanotechnology our country is fourteen in scientific production but in the technology is forty seven, in marketing the products we have no place in the world. When we create a product and we are not able to sell it the motivation for creating will be diminished. In medicinal plants there is a same situation. Why technology does not go toward financial production? Actually this is not the duty of specialist and it is the responsibility of policy makers in economy. When you create a product in the country more than 20 companies come to you and they have different intentions and put a price for your product and from this point different problems will be emerged. If you import a product there will be no such problem and the only thing you have to do is to pay an amount of money for the custom duties.



Dr. Haji Akhondi have produced some medicinal products such as BRONCHO T.D from *Zizyphus jujube*, Lober T.D from castor oil, Ginkgo T.D from Ginkgo plant, *Marynthol* gel, *Kamoderma* ointment.

Ebadi: We have treasures in traditional medicine do you think from the available books on traditional medicine we can help companies? Dr. Haji Akhondi: In fact we have two scientific sources for our researches to use, first is our traditional books for dieting and losing weight which are very applicable. Then, name and formula of world herbal medicines in **Extra Pharmacopoeia Martindale** that you can find all the common medicine in the world. After 2 or 3 years I have found all the herbal medicines. This book is so reliable and among 15000 herbal medicines it only mentions 3000 of them. More than 70 percent of herbal medicines in Iran have been formulated from this book.

Finally we thanked Dr. Haji Akhondi for giving us time to have this interview.

Iranian Medicinal Plants Society

Registration No: 18963

Editor in Chief:

Dr. M. B. Rezaee

PO Box: 14965-138

Tel: 00982144580212

newsletter.imps@gmail.com

website: www.imps.ir

Translator & Edition: M. Kazemi