

NEWSLETTER

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Plant Focus : The dandelion

Taraxacum officinale, or more commonly known as the dandelion, is widely considered a bad weed to pull out of one's garden, yet herbalists consider it as a valuable herb with culinary and medicinal uses.

Used in folk and traditional Chinese medicine, it is rich in vitamin A, B complex, C and D as well as in minerals (iron, potassium and zinc). The dandelion is now widely used for liver detoxification. Its applications are however multiple such as for the treatment of inflammations, women-affecting cancers or for its choleric, diuretic properties.



• Hepato-protective properties.

In 2013, Al-Malki and al. induced by CCl₄ (tetrachloromethane) injection, liver damages to rats. Serum markers of control animals indicated severe damages caused by CCl₄, while those of animals treated with dandelion extracts significantly indicated liver cells recovery. After 6 weeks of supplementation, CCl₄-induced DNA damages as well as tissue inflammation and necrosis were significantly reduced.

• Choleric and diuretic properties

During experimental research on mice, it had been demonstrated that high quantities of an aqueous extract of dandelion leaves (2g/kg of body weight) have a diuretic activity comparable to furosemide (drug). The choleric effects, increase in biliary secretion, had been demonstrated in 1959 by Bohm.

• Gastro-intestinal disorders

In 1990, Chen studied on 24 patients with chronic non-specific colitis the effects of a formula composed of dandelion and other herbs. He showed a remarkable symptomatic improvement in terms of stools normalization of stools and reduction of pain. In 1981, Chakurski et al. had seen spontaneous and palpable pain along the large intestine disappear in 96% of patients by the 15th day of treatment.



The first mention of the dandelion goes back to the 10th century, many other uses existed in particular for the inflammation of the eyes, various cutaneous problems as well as in the form of cataplasms to heal snake bites. Its culinary use is widespread in salads but also could be found in the form of fermented beer, wine and coffee.

The bibliographical references and sources used to create this newsletter are available on request



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Country Focus : Spain

If we say the words or names « paella », « Rafael Nadal » or « Segrada Familia », you will surely answer: Spain. Our closest neighbors are also competitors in many areas, especially in agricultural production, a pillar of the European Union. Despite having a slightly smaller surface in general than France, Spain has the second largest Utilized Agricultural Land in the European Union with more than 25 million hectares.

Market-gardening agriculture is in second place in terms of volume behind Italy, and also produces large quantities of olives, grapes and cereals with even smaller areas and high yields.

In the field of animal productions, the pig sector is the European leader with more than 30 million heads, with all types of breeding: from intensive and integrated for white pigs processing intended, to extensive for rustic breeds with high added value and linked to the terroir (PGI "Serrano" or "Iberico").

For the egg-laying sector, Spain is almost self-sufficient with about 45 million laying hens, nearly 90% of which are raised in cages. For the broiler sector, national production is not sufficient for domestic consumption, with European neighbors, including France, providing the additional volume.

Spanish intensive agricultural field is facing important issues, such as the growing need for irrigation while Spain regularly lacks water. As well as the way Spain manages its phytosanitary inputs, their use and the quality of the products that result, all this is nowadays debated within the European Union.

Back to the « SOMMET DE L'ÉLEVAGE » !

The EUROTEC'H team, renewed and enlarged, will be delighted to meet you to share moments of conviviality and exchanges about the evolution of our range of products.

Meet us in Hall 1 booth G6 !



The banner features a close-up of a brown cow's head on the left. To the right, the text reads: **SOMMET DE L'ÉLEVAGE** in large orange letters, followed by **5 > 8 OCTOBRE 2021** and **CLERMONT-FERRAND | FRANCE** in smaller orange letters. Below this, it says **LE SALON N°1 DE L'ÉLEVAGE EN EUROPE** in white. On the far right, the **EUROTEC'H** logo is shown with the tagline **Le propre de l'agriculture**, and below that, **HALL 1 STAND G 6** in orange and white.

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