

ECOSEM sprl

Native seeds in Wallonia

WWW.ECOSEM.BE

- History :

- 1995 to present :

- The program of protection and multiplication of native seeds from Wallonia has begun in 1995 at the Laboratoire d'Ecologie des Prairies of the Catholic University of Louvain (UCL), thanks to the financial support of the Direction de la Conservation de la Nature (Ministère de la Région Wallonne) ;
 - The company's creation in May 2001 ;
 - Currently we have +/- 37 HA of crops distributed in Belgium and North of France (Bassin parisien Nord) ;
 - We have been harvesting in situ for restauration projects of wild meadows (LIFE, ...) for 8 years

- Program :

We collect seeds and plants of not less than 80 species in Belgium and in the North of France

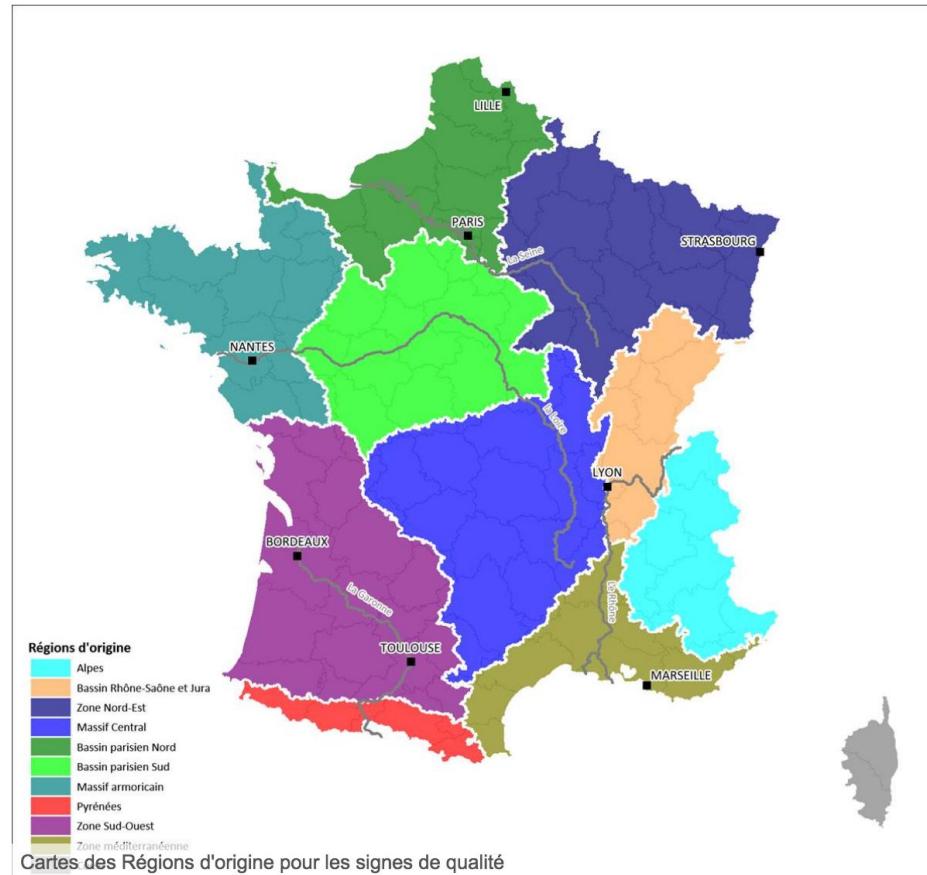
For each species we try to have 9 origins across the territory

In Wallonia we've simplified the territory and have selected 3 ecological Districts where we collect Native seeds or plants

Districts : Picardie-brabançon
Mosan
Ardennais



The different ecological areas of France based on a synthesis of existing cartographic elements (hydrography, climate, vegetation, soils, geology)



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The Ecosystem approach is welcomed in France.

The Bailleul National Botanical Conservatory supports us from the beginning

In 2006 we hosted Federation of National Botanical Conservatories in France

We helped them to create 2 labels which guarantee a regional origin and production

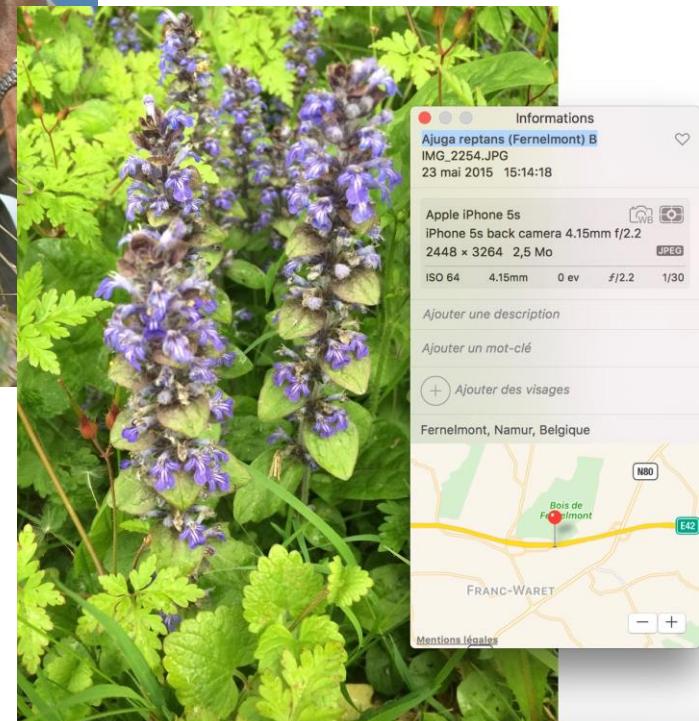


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Seeds collect – *Succisa pratensis*

Each origin is photographed and automatically geo referenced



Native seeds in Wallonia

Collections established in LLN



Native seeds in Wallonia

Different species, different fields and different harvests...



Native seeds in Wallonia

Different species, different fields and different harvests...



Native seeds in Wallonia

Location of our production fields



We limite the marketing at the same area (Belgium and the North of France – Loire)

Native seeds in Wallonia

Different species, different fields and different harvests...

Annuals, biennials and perennials

Manual harvest

Mechanical harvest



Native seeds in Wallonia

Different species, different fields and different harvests...



Tragopogon pratensis

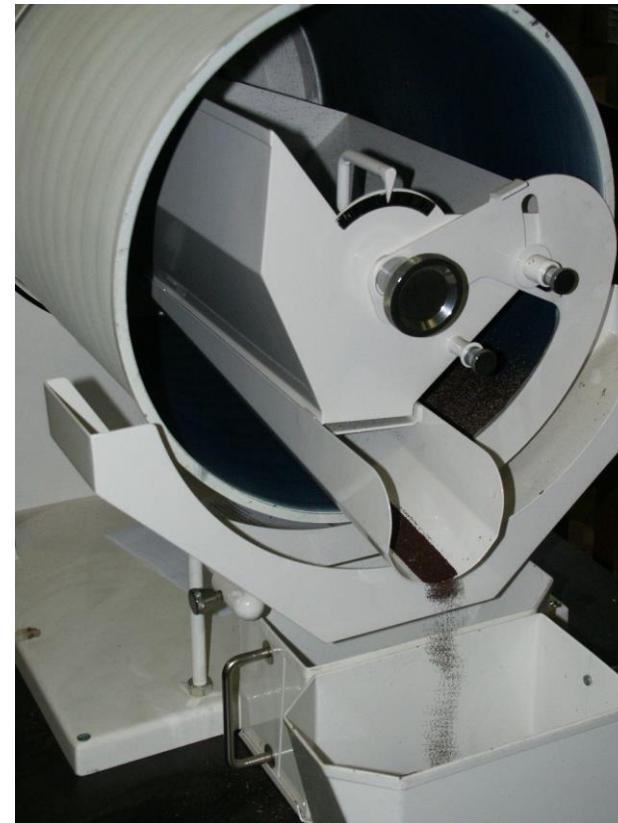
Native seeds in Wallonia

Drying and seed sorting



Native seeds in Wallonia

Drying and seed sorting



Native seeds in Wallonia

Our experience of harvest wild meadow...

SPW

Conservatoire du Littoral (Bretagne)

Life(s) : papillons, ELIA, Herbages, Bocages

Measure of ecological compensations

Natagriwal



Native seeds in Wallonia

... and special crop contracts

Life(s) Herbages, Mosan, Quarries



Manual harvests



Native seeds in Wallonia



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Native seeds in Wallonia

Espèces	Nombre de kg/consommé/an
Graminées	
1 Agrostis stolonifera	60
2 <i>Agrostis tenuis</i>	1200
3 Alopecurus pratensis	60
4 <i>Anthoxanthum odoratum</i>	60
5 Arrhenatherum elatius	60
6 Brachypodium pinatum	125
7 Briza media	55
8 Bromus erectus	60
9 Bromus hordeaceus	60
10 <i>Cynosorus cristatus</i>	75
11 Dactylis glomerata	130
12 Deschampsia cespitosa	60
13 Festuca arundinacea	650
14 Festuca ovina	450
15 Festuca pratensis	250
16 <i>Festuca rubra commutata</i>	2400
17 Festuca rubra rubra	125
18 Festuca rubra trichophylla	150
19 Holcus lanatus	700
20 Koeleria macrantha	60
21 Koeleria pyramidata	60
22 Lolium multiflorum	60
23 <i>Lolium perenne</i>	700
24 Phalaris arundinacea	100
25 Phleum pratensis	60
26 Poa annua	60
27 Poa compressa	150
28 Poa nemoralis	150
29 <i>poa pratensis</i>	1250
30 Poa trivialis	500
31 Trisetum flavescens	60
32 Vulpia myuros	60
	10000