

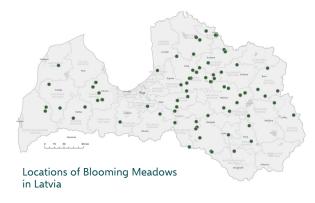
"Optimising the Governance and Management of the Natura 2000 Protected Areas Network in Latvia"

(LIFE19 IPE/LV/000010 LIFE-IP LatViaNature)

# Farm PRIEŽUKALNS: participant of result-based grassland conservation scheme "Blooming Meadows"

- Pilot programme "Blooming Meadows" helps farmers to increase biodiversity in perennial grasslands (meadows and pastures) aiming that in perspective they reach the status of grassland habitats of EU importance.
- "Blooming Meadows" is implemented within LIFE-IP LatViaNature project and coordinated by the Nature Conservation Agency of Latvia.
- Pilot-scheme was designed in diverse partnership of nature conservation and agriculture experts, universities, nongovernmental organizations.
- "Blooming Meadows" enrols 65 farms from all over Latvia with a total area of 675 hectares.
- Participants of "Blooming Meadows" are involved in annual assessment of grassland conservation success.
- Within pilotscheme result-based approach and hybrid approach are tested.
- Financial support (87-203 euro per hectare a year) is assigned according to the result the higher the biodiversity achieved, the larger the financial support.





### **ZS Priežukalns**



Farmer: Andrejs Briedis
Adress: Mētriena, Madona district
Farm profile: Sheep, beekeeping
Blooming Meadows area: 11,98 ha

Grassland challenges: distribution of *Calamagrostis epigeyos;* coverage of other expansive species, uneven surface



































## Basic level monitoring of grassland management and restoration success

Basic level monitoring was designed and carried out together with University of Latvia Structures and species are monitored by the farmer and expert. Monitoring fields are maximum 5 ha large and chosen due to ecological features. Each field has transect with 10 points for plant counting with R=2m. Structures are monitored within the whole monitoring field.

ATVIANATURE

### **STRUCTURES**

- 1. Coverage of trees and schrubs;
- 2. Litter (lack of litter, normal, much);
- 3. The surface of grassland (e.g. dug-up ground by moles or wild boars)
- 4. Expansive moss species;
- 5. Aggressive native species & invasive species;
- 6. Overall meadow structure (stands, colours, etc);
- 7. Overall **pasture structure** (% of overgrazed area, normal grazing intensity, not enough grazed);
- 8. Other effects (e.g., erosion, wild animal feeding places)







#### **SPECIES**

- 1. Species count in each of 10 points of transect
- 2. List of **50 taxa** (16 genus, 34 species)
- 3. Grouped by **colour of flowers**: white, green, yellow, pink and purple/blue
- 4. Selected **nicely blooming species**, easy to distinguish;
- Species covering whole range of moisture conditions







AUGU SUGU DAUDZVEIDĪBAS NOVĒRTĒJUMS ZĀLĀJĀ TRANSEKTES 10 PUNKTOS



	Apsaimniekotājs) Zālāja Nr. Zālāja			Vērtētāja V.Uzvārds TRANSEKTES PUNKTS						_	Datus		
ZIEDU KRĀSA	SUGAS NOSAUKUMS	1	2	3	ANS	5 5	ES P	UNK 7	TS 8	9	1		
	Ābolinš, kalnu	- 1	2	3	4	5	۰	-	8	y	Ľ		
BALTI ZIEDI	Baldriāns, ārstniecības	_			_			_		_	Н		
	Madaras	-			_	-		-		-	н		
	Madara, ziemeļu	_			_			_		_	Н		
	Noraga, klinšu	-			_			-			Н		
	Naktsvijoles	_			_			_			۲		
	Pīpene, parastā	-			_			_			h		
	Spradzene; zemene, meža	_			_			_			۲		
ZAĻĮ ZIEDI	Divlape, ovälä				_			_			h		
	Grīslis, sāres	_			_			_		_	H		
	Meldrs, meža	-			_			-			H		
	Rasaskrēsliņš, parastais	_			_			_			H		
	Vizulis, parastais	-			-			-			Н		
	Ancilis, arstniecības	_			_			-			H		
DZELTENI ZIEDI	Asinszäles	-			-			-			H		
	Abolini dzelt, ziediem	-			_			_			Н		
	Dedestinas, vanagnadzini (arī rozā ziedi)	-	-	-	-	-	-	-	-	-	H		
		-			_						H		
	Gailbiksite	-	_	_	-	-	-	-	-	-	H		
	Laimiņš, kodīgais	-			_						H		
	Lēdzerkste	-	_	_	-	-	_	-	-	-	H		
	Lucerna, apiņu	-						-			μ		
	Madara, Istā	-	_	_	-	-	_	-	_		H		
	Nārbuļi	-			_			_			μ		
	Pamauragas, mauragas	-	_	_	-	-	_	-	_	-	H		
	Plostbärdis, pļavas	-			-						H		
	Retējs, stāvais	-	_	_	_	_	_	_	_	-	H		
	Retējs, sudraba	-			-			-			H		
	Saulkrēsliņi	-			_	_		_	_		L		
	Saulpurene, Eiropas	-			-			-			H		
	Stage, vitolu	-	_	_	_	_	_	_	_		Ļ		
	Vēlpiene, matainā/Donavas	-									μ		
	Zeltdadzis, parastais	-	_	_	_	-	_	-	-	-	Ļ		
	Zeltgalvīte, dzeltenā										μ		
	Zvaguļi	-	_	_	_	-	_	-	-	-	Ļ		
VIOLETI ZIEDI	Bitenes (arī dzelteni ziedi)										μ		
	Ceļteka, vidējā	-	_	_	_	-	_	-	-	-	H		
	Dadzis, dažādlapu										μ		
	Dzegužpirksfites	-	_	_	_	_	_	_	_	-	H		
	Dzelzenes	-									μ		
	Dzirkstelite	-	_	_	_	_	_	_	_	-	H		
	Gandrenes	-			-						H		
	Spulgnaglene, plavas	-	_	_	_	_	_	_	_	-	H		
	Sveķene, lipīgā	-			-			-			H		
	Vějmietiņš, vítolu	-	_	_	_	_	_	_	_	_	L		
	Märsili										μ		
	Pëterene, firuma	-			_			_			L		
	Pulkstenites										μ		
	Veronika, garlapu	-	-		-		-	-			Ļ		
	Vilkmēle, pļavas										μ		
	Zienenītes (arī violeti un halti ziedi)												





























