

ECOVIN'S BIODIVERSITY PROGRAMME FOR GERMAN ORGANIC VITICULTURE

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OENOBIO 

ECOVIN - Bundesverband Ökologischer Weinbau e. V.

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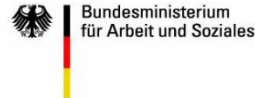
- founded 1985
- 245 Members
- on 2.705 hectares of vineyards
- only professional association exclusively for organic viticulture
- Professionally and politically networked on the national/international level



BIO DIVERSITY CHECK

Ein Projekt des
Global Nature Fund, der
Bodensee-Stiftung und ECOVIN

2012-2014



Petra Neuber | OENOBIO International Conference

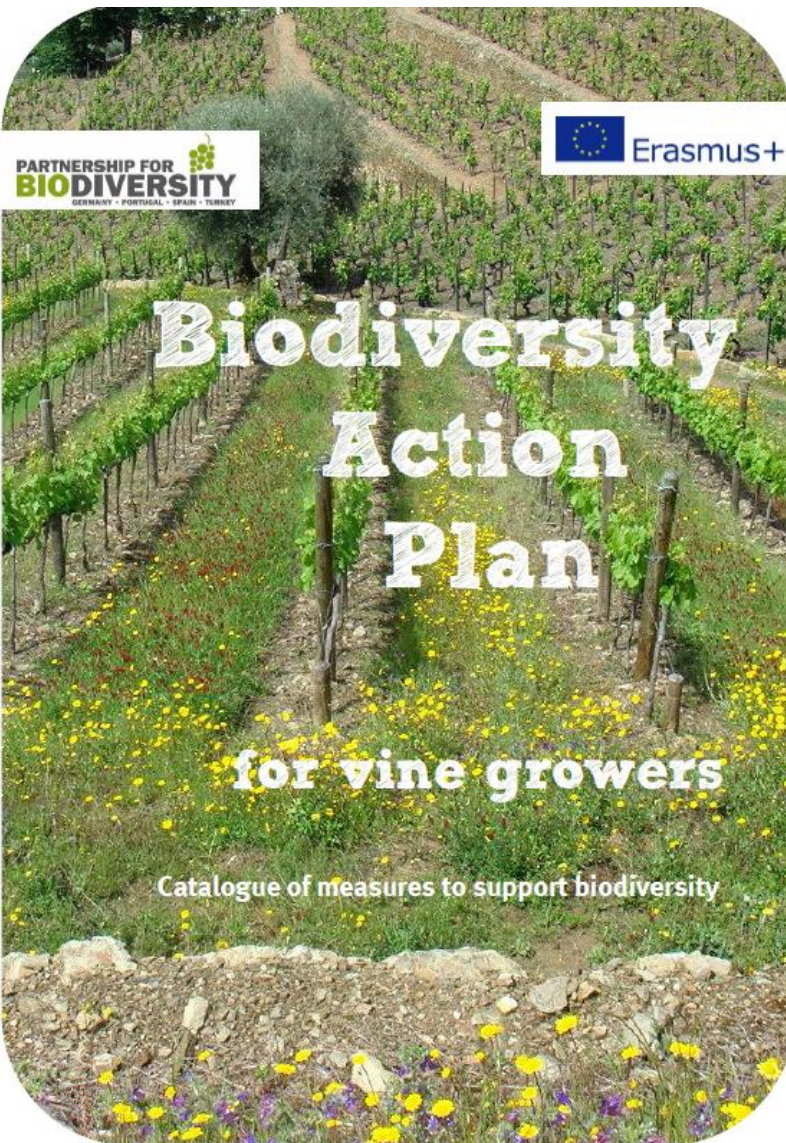
2015-2018



PARTNERSHIP FOR **BIO**DIVERSITY

GERMANY • PORTUGAL • SPAIN • TURKEY





Instruction for the development of the Biodiversity Action Plan (BAP)

The BAP includes 110 small and larger measures. For each measure, a specific goal is determined, the measure described, and an indicator or key figure identified. In some cases the measure is fulfilled if a * yes * can be given, for others it is necessary to reach a certain number or proportion. The latter can be done in three stages.

The BAP is structured into 8 sections. Section 1 is mostly fulfilled when you apply this action plan. For the other sections, such as the cultivation and production in the vineyard, ecological infrastructures etc. the implementation of some of the measures will take more effort – but will also have a greater benefit for biodiversity.

1. Step - Where am I? Mark all actions that are already being implemented in your winery and tick them in the baseline column. There will be a few in each farm. Congratulations, you have already achieved this much.
2. Step - Everything is possible, but nothing has to be: The conditions for implementing the measures differ between wineries and depend on the region, company structure and history. Of the 110 measures, only a number might be applicable and useful for wineries and vinegrowers over Europe. Mark all measures that can additionally be carried out on your farm. This defines your starting position.
3. Step - Determine the measures you want to implement and also the year of implementation. Depending on the extent and baseline, two to five measures per year can be sufficient. With 10 to 15 measures, you can achieve a lot for sustainability and biodiversity in five years.
4. Step - It does not have to hurt! Start with "low hanging grapes", measures which convince you of their success and impact. Take enough time for more difficult measures, if necessary, go step by step.
5. Step - Review: At the end of a year, check if and which measures have been implemented and which are still in realization. Maybe you have to readjust the schedule or the way the action is implemented. If necessary, measures which cannot be implemented must be replaced by another one.
6. Step - Inform your customers and guests about your biodiversity measures in your annual letter, invoices etc. and thus fulfill some measures in section 8.

→ The BAP also exists as an excel file and can be downloaded on the homepages of the partners (see last page)



Area of activity	Goal	Measures to promote biodiversity	Indicators Key figure	What must be achieved
3	Ecological infrastructures in the vineyard / ecological compensation areas			
43	Compensation of adverse impacts on bio-diversity	Integrate habitats into existing planning's, get support from specialists (biotope network concept)	When identifying and designing ecological infrastructure we work together with local nature protection groups and/or local authorities.	Yes / No Yes
44	Contribution to biotope network	Preserve and promote linear structural elements	We promote linear structural elements at the ends of rows, edges or in the middle of area planted with vine. This indicator can be accomplished by implementing one or all of the following measures: — Inside or at the border of the vineyard we have hedgerows/bushes planted with native vegetation.	Meter pro ha vineyard area 3 9 15
45		Preserve and promote punctual structural elements	We promote punctual structural elements at the edge regions or in the middle of the vineyard area. This indicator can be reached by implementing one or all of the following measures: — Isolated native tall trees — Isolated, small bosks suitable for breeding	30m² area up to 5 ha vineyard area 1 3 5
46		Preserve and promote areal structural elements	Our winery preserves long-term fallow/set-aside areas.	% of the total areas of the farm 5%
47			To the winery belong extensively used areas (extensive meadows, orchards....).	% of the total areas of the farm 5% 10%
48		Connect habitats to allow movements of animals	We establish new structural elements in order to connect existing elements of the biotop network in and around our vineyards.	Yes / No Yes
49		Protect sensitive areas or habitats adjacent to vineyards	We work carefully in vineyard areas adjacent to protected areas or to streams, rivers etc. For example by carrying out plant protection and fertilisation measures only at a minimum distance of 5 meters or by using special application machines ("Überzeilentechnik").	Yes / No Yes
50	Measures to support / protect species	Preserve and promote bats	We preserve artificial water mines + natural caves in our farm, as they are preferential places for shelter/nesting of bats.	Yes / No Yes
51			Inside or near vineyards we have installed bat boxes.	Number per ha 1 2 3
52			On our farm, we perform an assessment of bat population with local experts or nature conservation groups.	Yes / No Yes



Maßnahmenkatalog zur Förderung der biologischen Vielfalt und anderer Nachhaltigkeitsaspekte bei ECOVIN Betrieben

Einfluss auf Biodiversität		Ziel	Maßnahmen	Indikatoren/Kennzahl	Status quo	Durchführbare Maßnahmen	2015	2016	2017	2018	2019	2020
1. Strategie Management												
		Konkrete Maßnahmen zum Schutz der Biodiversität einführen und umsetzen	Ich habe eine betriebliche Planung eingeführt, in der konkrete Maßnahmen zum Schutz und zur aktiven Förderung der Biodiversität benannt und mit Zeitangaben hinterlegt werden.	Ja/Nein	Ja							
2. Artenschutz												
Begrünung	Möglichst vielfältige Begrünung	Meine Saatgutmischung enthält viele verschiedene krautige Pflanzenarten mit Blühaspekt.	Anzahl der krautigen Pflanzenarten mit Blühaspekt an der Gesamtartenzahl	20%								
				40%								
				60%								
	Möglichst permanentes Blütenangebot auf der gesamten Rebfläche	Ich fördere die Präsenz von blühenden Pflanzen speziell im Unterstockbereich.	Anzahl der Blühmonate im Unterstockbereich	4								
				6								
				8								
	Fremdeinflüsse auf Flora sollen vermieden werden	Ich verwende Saatgut aus einheimischen Pflanzen.	Ja/Nein	Ja								
	Förderung seltener Pflanzenarten	Meine Begrünungsmischung fördert regionale, seltene Pflanzenarten aus der Roten Liste der gefährdeten Arten - entweder durch Aussaat oder durch Übertragen.	Anzahl	1								
				2								
				> 3								
	Förderung selten gewordener Weinbergsflora	Meine Begrünungsmischung säe ich nicht zu dicht aus.	Ja/Nein	Ja								
	Möglichst vielfältiges Blühangebot	Meine Weinbergsbegrünung lässt Raum für typische Weinbergspflanzen.	Zahl der wild vorkommenden Pflanzenarten auf der Nutzfläche	20								
				40								
				60								
	Von Frühjahr bis Herbst möglichst langes Nahrungsangebot durch Pflanzen mit unterschiedlichen Blühzeitpunkten	Meine Begrünungsmischung hat einen möglichst langen Blühzeitraum.	Länge des Blühzeitraums in Monaten	6								
				7								
				> 8								
	Fremdeinflüsse auf den standortangepassten Genpool sollen vermieden werden	Ich verwende Saatgut, das regional gewonnen wird (autochthones Saatgut).	Ja/Nein	Ja								
	Erosionsschutzmaßnahme	Meine Weinbergsflächen sind im Bereich der erosionsgefährdeten Flächen begrünt.	Anteil der begrünt Fläche an der erosionsgefährdeten Fläche.	> 75%								
				100%								
	Förderung der wärmeliebenden Offenboden-Arten (Tetrix, Sandlaufkäfer, Ödlandschrecken...)	Meine Weinbergsflächen sind auf den nicht erosionsgefährdeten Flächen im Sommer in jeder zweiten Rebzeile offen.	Ja/Nein	Ja								

Main topics in the BAP

- Strategy and management
- Cultivation and production in the vineyard
- Ecological structures in the vineyard / priority areas
- Harvest / cellar / ageing
- Bottling and packaging
- Distribution and logistics
- Energy / Water Management
- Marketing / Communication



awarded



Further development

- the BAP is mandatory for ECOVIN Members since 2019!
- revision in order to discard dispensable questions
- better evaluability
- easier handling for winegrowers (online tool)
- better use for marketing communication



**Thank you very much
for your attention !**

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