



Successful Danish Winegrowers Use BioAgri*

**BioBag Agricultural Film is sold under the name "BioAgri" in European markets and "BioBag Ag Film" in North American markets.*

For many years, Hvidlykke Farm in Denmark has focused on organic farming and fruit growing. Niels Esbjerg Jensen and Anders Ørnberg Eriksen, the owners behind Ørnberg Wine, had always believed it was possible to grow wine in Denmark.

In 2007, two winegrowers began making wine. It was intended to be only a hobby, but they have since become very successful winemakers with their multi-award-winning brand Ørnberg Wine.

"Our vision is to create a professional Danish vineyard, producing wine with Danish character and international quality," says winegrower Niels Esbjerg Jensen.

While they strive to get it right the first time, something they've been able to accomplish through studying extensive theoretical knowledge of viticulture from a German winegrower, they are also constantly looking for ways to improve their practices.

Twenty-two hundred vines were planted on one of Hvidlykke Farm's fields in 2007. This field used traditional plastic to protect the vines from weeds. "But it turned out to be too difficult to remove the plastic film," says Jensen, adding, "We have spent so much time and energy trying to remove the plastic from the field, but even after eight years, there are still remnants of plastic that pollute the field."



The vines, planted with BioAgri Compostable Film, on the field towards the fjord.

When Jensen heard it was possible to use compostable film, he was convinced it should be tested in his fields. In the spring of 2015, the first field was planted with new vines and compostable film instead of traditional plastic. The main advantage of compostable films is that one does not have to remove the film since it can be degraded by the microorganisms found naturally in the soil. This property of the

compostable film eliminates the need to spend the time and resources that are necessary to later remove plastic films.

The Benefits of Compostable Film for Vineyards

"There are several reasons that we wanted to test BioAgri on the new vineyard," says Jensen. "With BioAgri, we do not need to worry about removing weeds, and, as organic farmers, we do not use chemicals on our fields. BioAgri keeps the film moisture in the soil, which thereby gives new vines the best conditions for growth."



After eight years, the conventional plastic films can still be found in the ground.

Ørnberg Wine expects that the composting process will be underway by August, the year after which new vines were planted. Because of the compostable film, the vines had a good start and have been protected from weeds.



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Hvidlykke Farm uses the same equipment to lay BioAgri Compostable Film as they used to place conventional plastic films.



BioAgri Compostable Film gives the vines the best conditions for growth.

About BioAgri Agricultural Film

BioAgri agricultural film, compared to traditional plastic film:

- Biodegradable in soil
- Customized life span, tailored for different crops
- No removal necessary
- No disposal costs
- No residues in the field
- Faster access to the field
- Certified for organic farming
- An efficient alternative, in both agronomic and environmental terms to traditional plastic film
- Saves time and therefore costs required to remove and dispose of traditional plastic film
- Offers a family of grades fit for purpose

Certifications

Certified compostable according to the European Standard EN 13432 and the US Standard ASTM D6400.



Facts About Ørnberg Wine:

Niels Esbjerg Jensen and Anders Ørnberg Eriksen established Ørnberg Wine in 2007. In 2014, production reached 12,000 bottles of wine from almost 7,000 vines. In 2013, the two winegrowers received four awards, including the year's Best Wine, Best White Wine, Best Rosé, and Best Dessert Wine.



Some of the award-winning Ørnberg wines



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