



Yding Smedie

THE GREEN WAY
TO GROWTH



**Award
Winner**

Organic and Pesticide Free

New and Unique Technology

UV GREEN POWER

FUNGI REDUCTION WITH UV C LIGHT



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Based on a strong commitment to developing alternatives to pesticides, Yding Smedie now introduces a completely new technology to vegetable producers. The UV C Machine from Yding Smedie, named UV Green Power, is designed to reduce fungi and mildew in open field crops such as onions, lettuce, potatoes and strawberries.

Current alternatives to pesticides are limited to the choice of a fungus-resistant variety, but not all are tasty and easy to grow. The intention of Yding Smedie's UV C Machine is to offer an alternative to pesticides and expand vegetable producers' choice of plant varieties.

In the long run, the intention is for UV Green Power to be applicable also for either strengthening the plant or for growth retardation.

The UV C Machine is equipped with a variety of special UV C lamps that are mounted on a frame. The Machine is mounted at the rear of the tractor and the lights are powered by electricity from a generator. The crop is exposed to a metered dose of UV C light at a high frequency during the growing season.

The project has received grants from EU and The Rural Development Program of the Danish Ministry of Food, Agriculture and Fisheries

