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Luxury berries  
Black & red currant  
Gooseberry

European Union  The European Regional Development Fund

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North Sea Region  
Programme**

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## Aim

### To develop and evaluate a new cultivation system in tunnel

Tunnel production has several advantages

- Slightly higher temperature
- Protected from precipitation
- Fertilisation and irrigation optimised
- Biological control of pests and diseases
- Higher price – fresh consumption (80 D-kr/kg)

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## Tunnel production has several challenges

- › Control of vegetative growth is important to improve light and optimise reproductive growth
- › Selection of right cultivar – large berries or long racemes and reduced vegetative growth
- › Liquid fertilisation, when organic
- › New pests and diseases



Black currant Narve Viking and  
gooseberry Invicta in March 2012  
before pruning

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Pruning in March, 2 or 3 stems







Many flowers in the top

Long racemes, but not all berries developed

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## Pests and diseases

biological control in the season (several times)

sulphur against mildew (3 times in Marts/April)

soap against aphids several times (not enough)

Spruzit used once against pests



Gooseberry sawfly last  
year

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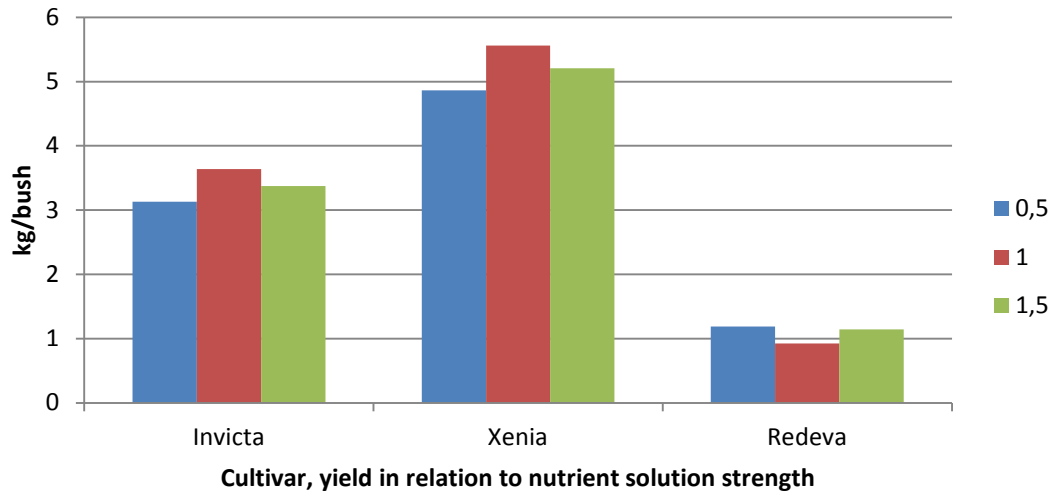
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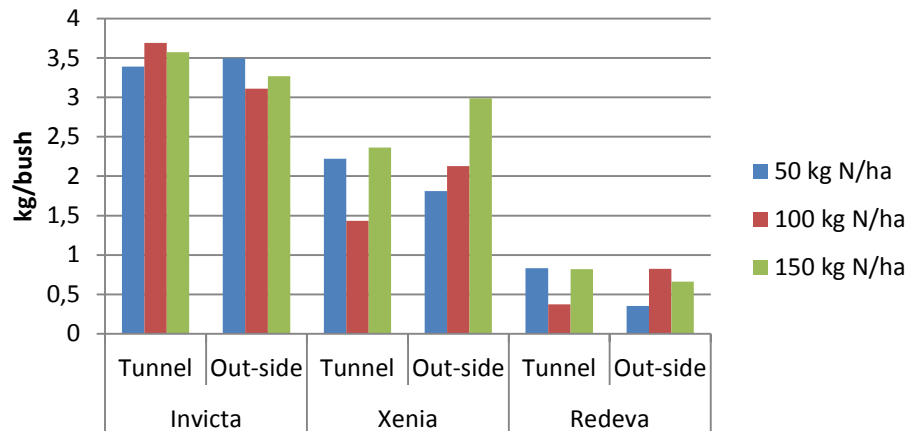


# Yield in 2012

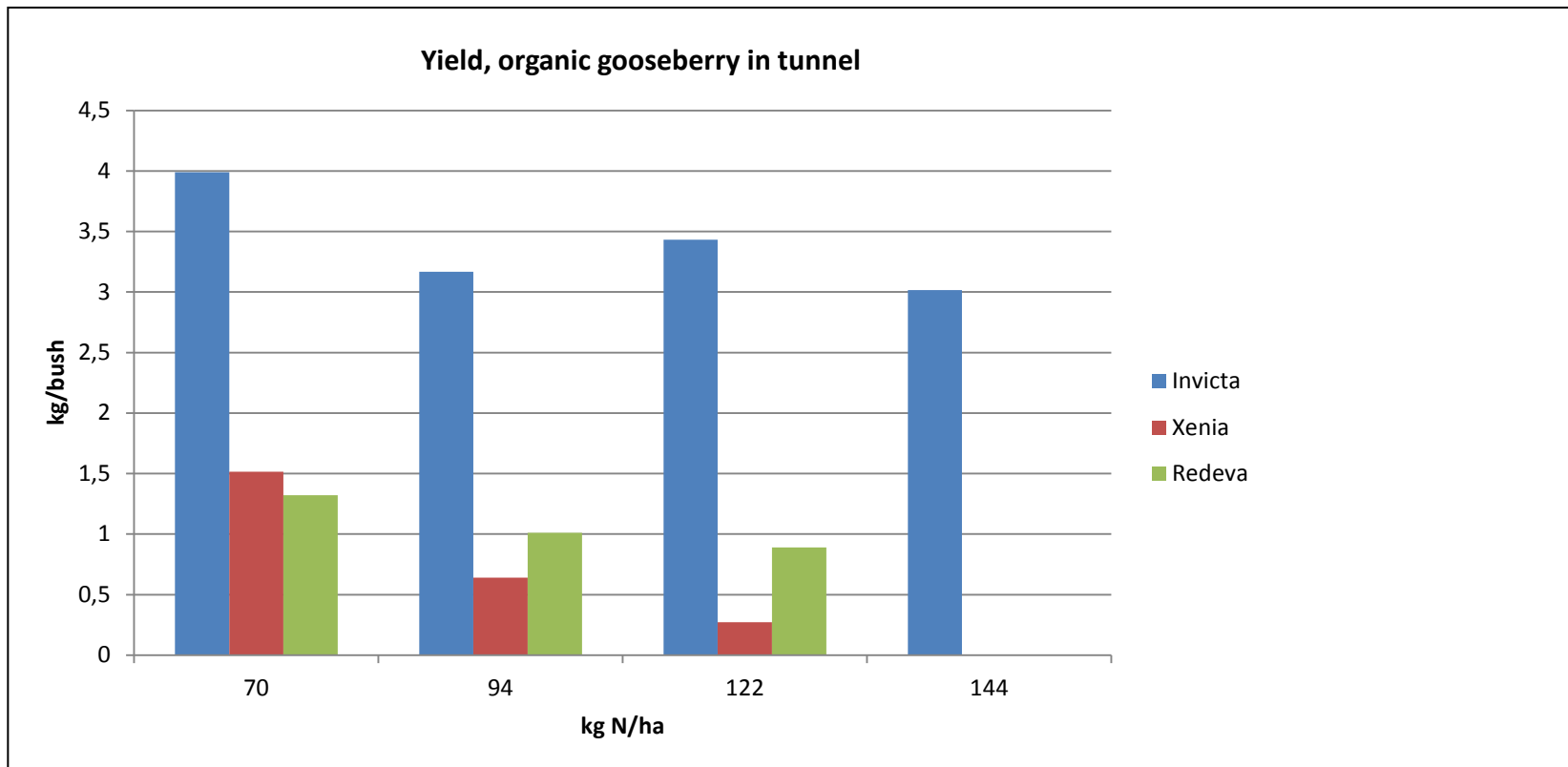
## Yield, tunnel production of gooseberry in containers



## Yield, gooseberry, protected and non-protected, both in soil









Big Ben and Invicta berries



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#### Conclusion

luxury berries can be produced at high quality in protected cultivation

important:

- choice of cultivar for large berries or long racemes
- pruning or methods to control vegetative growth – should be considered in relation to cultivar and cultivation techniques
- early control of pests and diseases
- pollination

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