Choice of willow clones for SRF establishment

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Temperature January : -7.0 °C July : 15.0 °C **Precipitation** annual: 670 mm

during vegetation period: 330 mm

Nauni-Solan, India

Salix viminalis

Salix dasyclados

3

Average annual production



Saare plantation



S.v. - *Salix viminalis*; S.d. -*S. dasyclados*; F - fertilised plots; C - control plots

Clone numbers correspond to the Swedish clone numbering system

Ranking of studied willow clones

	Fertilised			Control		
	1995	1997	2002	1995	1997	2002
0	90	90	90	01	01	90
	95	95	83	95	07	01
	83	12	12	90	95	07
	01	01	07	12	21	95
	21	83	95	07	90	83
	12	21	01	83	83	21
	07	07	21	21	12	12

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Conclusions

- Choice of planting material for SRF should be based on a long-term evaluation of growth
- Genetic diversity in SRF is positive to ensure optimal yield during different conditions
- From the seven studied clones five (78112, 78021, 78183, 81090 and 82007) can be used for commercial purposes



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