

## Field Lab: Willow Woodchip For Top Fruit Scab Control

Date: January 2019

### Results: Salicylic acid content of willow species

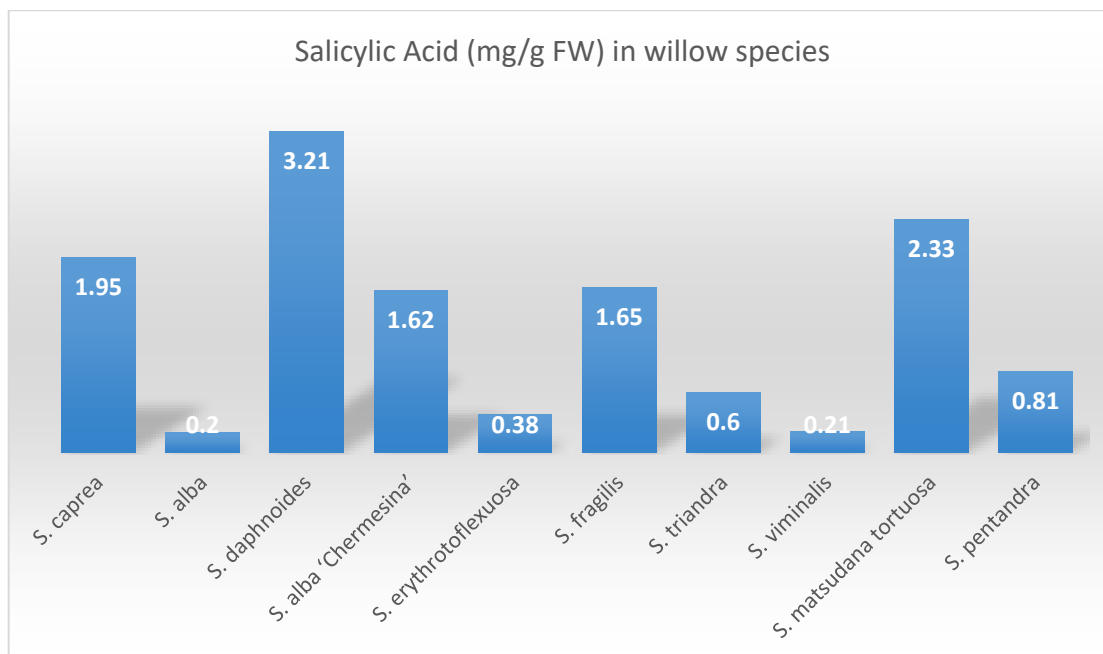


Phase 1 of the willow woodchip for top fruit scab control field lab was a diagnostic review of the salicylic acid content in willow species. Samples of the ten most common willow species were collected from trees at the Royal Botanic Gardens, Kew, Richmond, London. All samples were made when trees were dormant (November) and were analysed at the Bartlett Tree Research Laboratory, University of Reading.

The diagnostic report gives the salicylic acid content of the tissue samples, showing significant differences in salicylic acid content across the ten different species.

### Content of Salicylic Acid in willow

<i>S. caprea</i>	1.95
<i>S. alba</i>	0.20
<i>S. daphnoides</i>	3.21
<i>S. alba</i> 'Chermesina'	1.62
<i>S. erythrotoflexuosa</i>	0.38
<i>S. fragilis</i>	1.65
<i>S. triandra</i>	0.60
<i>S. viminalis</i>	0.21
<i>S. matsudana tortuosa</i>	2.33
<i>S. pentandra</i>	0.81



Diagnostician: Dr Glynn Percival

