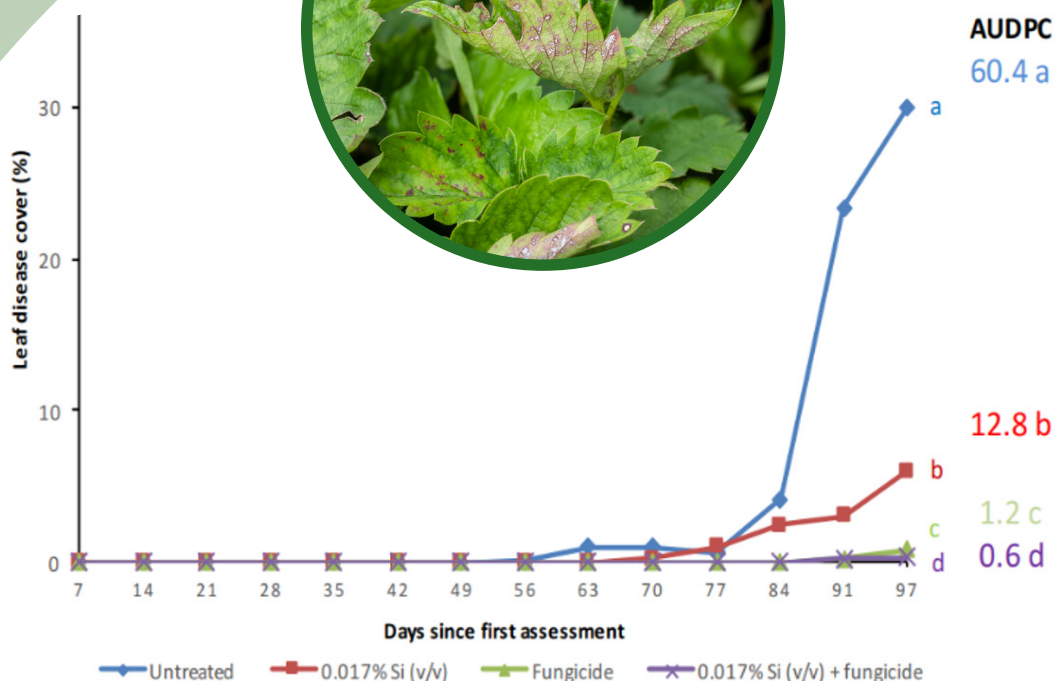


Extensive field trials by the Universities of Hertfordshire and Reading have demonstrated the benefits of supplying plant available Silicon to junebearer strawberry plants.

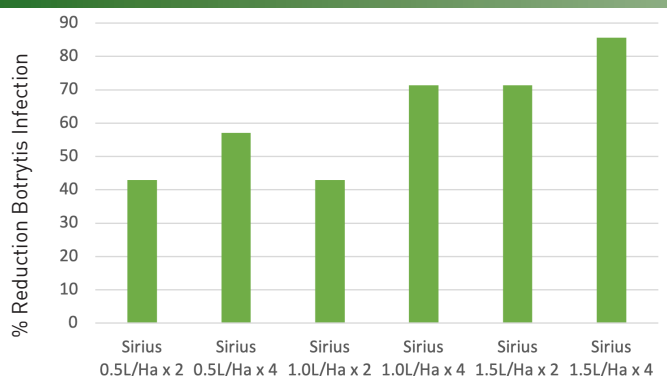


STRAWBERRY POWDERY MILDEW

The application of Sirius twice weekly has been shown to delay the onset of disease by up to two weeks. It also reduces the severity of powdery mildew infection. Used in conjunction with an industry standard fungicide, a reduction of over 50% was seen in leaf disease cover versus fungicide alone.



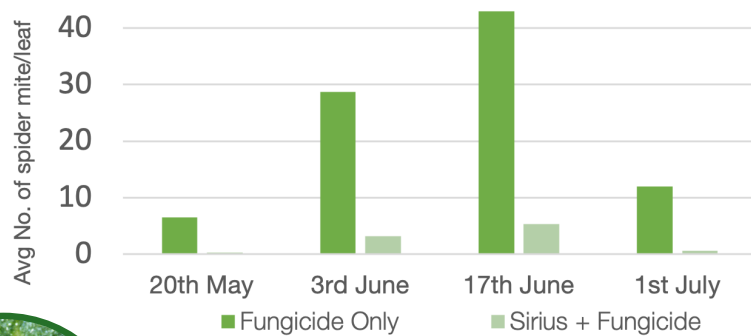
BOTRYTIS



Trials at The University of Reading using Sirius as a foliar spray have displayed a significant reduction in the levels of botrytis present. Up to 85% control was achieved with four sprays through the growing season.

TWO SPOTTED SPIDER MITE

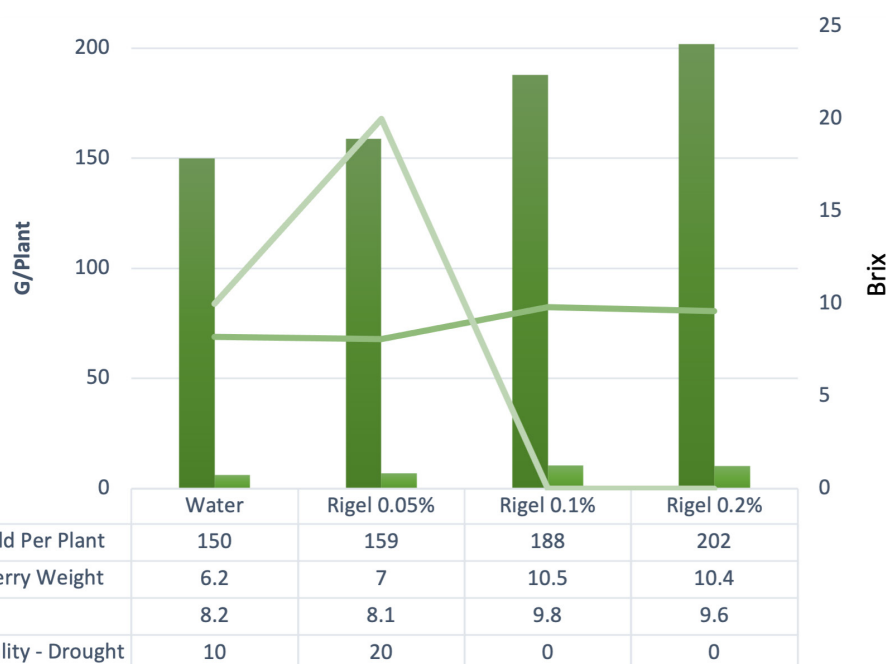
Field trials have shown a twice weekly dose of 0.017% Sirius produced a 78% reduction in the population of Spider mites. Silicon deposited in the leaf cuticle and increased leaf hair density inhibits the feeding mechanisms of pest species.



ABIOTIC STRESS

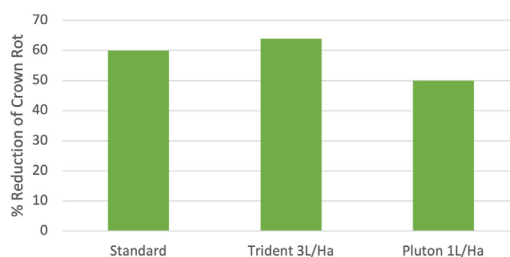
Silicon confers enhanced resilience to stresses such as drought and extreme temperatures, with significantly reduced plant stress and mortality evident. An increase in chlorophyll levels (SPAD) is also measurable in the leaves.

Further benefits include an increase in average berry size, yield measured as average g/plant and brix. Earlier flowering was also observed in some varieties.



CROWN ROT

Trident offers potential for the management of crown rot, where efficacy recorded was equal to an industry standard *Phytophthora* management product.



Sirius	Rigel	Trident	Pluton
21% Si	4% Si + plant derivatives	1% Si, 2% Cu 4% Zn	Bacillus Amyloliqefacuens