

Special conditions for the certification of stocks propagated by softwood or root cuttings: Foundation (F), Super Elite (SE), Elite (E), A, and *Approved-Health* (A-H) grades

GRADES

Inspected for	Trueness to variety, health and vigour. <i>Approved-Health</i> grade: Health and vigour only.
Applications	To be made on form PHPS 9 by 1 May. A plan of the stocks entered must also be submitted with each application. Fera Plant Health and Seeds Inspectors require notification by 1 May of any stocks to be planted after this date where possible, although notifications after this date are acceptable, where at least 5 days notice (confirmed in writing) is given prior to inspection and the applicant has indicated prior to 1 May that such requests may be made.
Structure used for propagation	Aphid proof structures: The structure in which the plants are to be propagated must be of sound, aphid proof construction and well maintained. This may be a glasshouse or gauzhouse. Prior approval is not required by Fera Plant Health and Seeds Inspectors before planting. Non-aphid proof structures: Structures that are not aphid proof may be used but must meet the isolation distances from other Rubus specified in PHPS 11 for field crops.
Eligible material	(i) Parent material Foundation grade: Any variety which meets the requirements for nuclear stock as specified in PHPS 8 (NS). Applications for any variety not listed in Appendix 2 must be accompanied by a varietal description. Super Elite: Any variety certified at Foundation grade the previous year. Elite: Any variety certified at Foundation or Super Elite grade in the previous year. A: Any variety certified at Foundation, Super Elite or Elite grade in the previous year. <i>Approved-Health</i>: Any material providing it is not listed in Appendix 2. (ii) Mother plants used to produce softwood or root cuttings Mother plants may be maintained for a maximum of 2 years. Note: Parent stock that has been produced by micropropagation must have an appropriate micropropagation certificate.



Isolation	<p>Aphid proof structures: All Rubus material grown in the structure must be entered into the PHPS. No Rosa species must be grown in the same structure as the entered material. The structure must be isolated from Rosa species by 100 metres.</p> <p>Non-aphid proof structures: The same requirements as for aphid proof structures (above) apply, plus the isolation distances for field crops in PHPS 11 must be met.</p>
Control of diseases	Fungicide treatments that could mask symptoms of Phytophthora root rot must not be used .
Roguing	Limited roguing is permissible after inspection with prior approval of the Fera Plant Health and Seeds Inspectors provided that records are kept of stocks rogued and the reason for roguing i.e. pest, disease or impurity. Stocks may not be certified where records are not kept.
Fruit on canes	Wherever possible the grower should not allow PHPS stocks to fruit. Primocane stocks should be isolated as far as possible from non-Primocane stocks.
Number of inspections	<p>(i) Softwood cuttings Two inspections will be made. The first will be of the mother plants just before the cuttings are taken and the second of the progeny pot plants. Traceability of progeny must be maintained.</p> <p>(ii) Root cuttings Material grown from root cuttings needs only to be inspected once at the pot stage. Traceability of progeny must be maintained.</p>
Standards to be met	A summary of tolerances for pests and diseases is at Appendix 1.
Quarantine diseases	<p>Under, in England, the Plant Health (England) Order 2005, or in Wales, the Plant Health (Wales) Order 2006, growers who become aware of or suspect the presence of any of the following diseases on their premises must immediately notify their local Fera Plant Health and Seeds Inspectors.</p> <p>Those relating to Rubus are: arabis mosaic virus, raspberry ringspot virus, strawberry latent ringspot virus and tomato black ring virus.</p>
Validity of certificates	Harvested canes from certified crops, including those subsequently potted up, may be described as certified (approved in the case of <i>Approved-Health</i>) at the appropriate grade until 31 May in the year following certification.

Summary of tolerances for Rubus stocks propagated by softwood or root cuttings:

Foundation, Super Elite, Elite, A and *Approved-Health* grades

	Foundation	Super Elite	Elite	A	Health
Rogues	NIL	NIL	0.5%	0.5%	0.5%
Virus disease symptoms: +Arabis mosaic virus +Raspberry ringspot virus +Tomato black ring virus +Strawberry latent ringspot virus	NIL	NIL	NIL	NIL	NIL
Other virus diseases	NIL	NIL	NIL	0.5%	0.5%
Phytophthora root rot (Phytophthora fragariae var. rubi)	NIL	NIL	NIL	NIL	NIL
Other pests and diseases including: mildew, aphids, capsid bugs, two spotted (red spider) mite and caterpillars	Substantial freedom				

+These diseases are notifiable under, in England, the Plant Health (England) Order 2005, or in Wales, the Plant Health (Wales) Order 2006. Growers must inform Fera Plant Health and Seeds Inspectors if they suspect the presence of any of them on their premises.

List of varieties which will be ineligible
for entry at *Approved-Health* grade 2009

Raspberries:

Autumn Bliss	Glen Magna	Malling Jewel
Glen Ample	Glen Moy	Octavia
Glen Clova	Glen Prosen	Polka
Glen Lyon	Julia	Tulameen #

existing plantings remain eligible