

RIBES PHPS 14

Special conditions for the certification of field grown stocks: Super Elite (SE), Elite (E), A, and *Approved-Health* (A-H) grades

GRADES

Inspected for	Trueness to variety, health and vigour. Approved-Health: Health and vigour only.
Applications	To be made on form PHPS 15 by 1 May. A field plan 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.
Eligible material	<p>(i) New plantings</p> <p>Super Elite: Any variety which meets the requirements for nuclear stock as specified in PHPS 14 (NS). Applications for any variety not listed in Appendix 2 must be accompanied by a varietal description.</p> <p>Elite: Any variety certified at Super Elite grade in the previous year.</p> <p>A grade: Any variety certified at Super Elite or Elite grade in the previous year.</p> <p>Approved-Health: Any variety not listed in Appendix 2.</p> <p>(ii) Established stool beds</p> <p>Super Elite: Beds that have been certified at Super Elite grade in the previous year. Beds are eligible for a maximum of 4 years at Super Elite grade.</p> <p>Elite: Beds that have been certified at Super Elite or Elite grade in the previous year. Beds are eligible for a maximum of 7 years at Elite grade.</p> <p>A grade: Beds that have been certified at Super Elite, Elite or A grade in the previous year. Beds that are eligible for a maximum of 9 years at A grade.</p> <p>Approved-Health: Beds that have been approved at <i>Approved-Health</i> grade in the previous year. No maximum age limit for <i>Approved-Health</i> grade.</p> <p>Note: Parent stock that has been produced by micropropagation must have an appropriate micropropagation certificate.</p>
Freedom from soil-borne quarantine diseases	Crops must not be grown on land known to be infected by the following soil-borne diseases: Rhizomania, strawberry red core or verticillium wilt disease of hops or which is under notice for potato wart disease or potato cyst nematode.
Rotation	The site must not have been used to grow Ribes crops in the previous 2 years.
Soil sampling	<p>(Super Elite and Elite only):</p> <p>Soil sampling of the proposed field and its boundary hedge is required for freedom from the soil living virus vector nematode <i>Xiphinema diversicaudatum</i> (dagger nematode) prior to the planting and entry of material for certification.</p> <p>Applications should be made on form PHPS 2 as soon as the field to be used is known. Fields found to be infested cannot be used for planting unless one of the following requirements has been complied with:</p>

	<p>(a) the field must be treated with an approved soil fumigant; or</p> <p>(b) a soil bait test must be carried out for the relevant viruses. If the result is negative for virus, treatment with a soil fumigant will not be required. If virus is found, treatment will be required; or</p> <p>(c) the field may be left bare fallow with no weed covering for 1 year or more before a soil bait test and further action as at (b).</p> <p>No stock may be planted within 10 metres of any hedge found to be infested.</p>
Spacing	<p>(i) Stool beds: Not less than 2 metres between rows.</p> <p>(ii) Nursery rows: Not less than 1 metre between rows.</p>
Isolation	<p>Stocks entered must be at least the distance shown from the following:</p> <p>Super Elite: Variety of same grade and Elite: 2 metres A grade and <i>Approved-Health</i> grade: 50 metres Fruiting crop*: 1500 metres#</p> <p>Elite: Variety of same grade and A grade: 2 metres <i>Approved-Health</i>: 50 metres Fruiting crop: 400 metres#</p> <p>A grade: Variety of same grade and <i>Approved-Health</i>: 2 metres Fruiting crop: 400 metres#</p> <p><i>Approved-Health</i>: Variety of same grade: 2 metres Fruiting crop: 400 metres#</p> <p>Note: Isolation distances between stocks in aphid-proof structures (contact Fera Plant Health and Seeds Inspectors in advance of using such structures about additional requirements) and those outside can be reduced provided no ribes fruiting, passporting or A-H stocks are grown adjacent to the structure and stocks grown within specified isolation distances are subject to stringent aphid control measures. All material grown in the structure must be entered in the PHPS; any A-H material must be grown in a separate structure or outside.</p> <p># gooseberries/jostaberries 100 metres from all other Ribes * grower to confirm compliance with isolation beyond 500m.</p>
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.
Micropropagated stocks	Crops planted with micropropagated parent stock must have 100 metres of row left to fruit to authenticate variety in the first year of planting. Once the variety has been authenticated this requirement ends.
Gapping up	Gapping up is permissible providing that the material used is eligible. Growers must keep records of this procedure and make them available if requested to do so.
Number of inspections	<p>Super Elite: Two, the first (for big bud mite) after leaf fall but no earlier than 1 January and the second normally during June or July. Gooseberries receive only the June/July inspection.</p> <p>Elite, A and <i>Approved-Health</i>: Two, normally during June/July and August/September. Gooseberries receive only the June/July inspection.</p>
Standards to be met	A summary of tolerances for pests and diseases is at Appendix 1.
Validity of certificates/approval	<p>Plants from certified crops may be described as certified at the appropriate grade until 31 May in the year following certification.</p> <p><i>Approved-Health</i>: Plants from approved crops may be described as approved until 31 May in the year following approval.</p>

Summary of tolerances:

Super Elite, Elite, A & *Approved-Health* grades

	Super Elite	Elite	A	Health
Rogues	NIL	NIL	0.5%	0.5%
Big bud/gall mite (<i>Ceridophyopsis ribis</i>) *	NIL	NIL	NIL	NIL
Reversion virus **	NIL	NIL	NIL	NIL
Other virus diseases	NIL	0.05%	0.5%	0.5%
Leaf and bud eelworm (<i>Aphelenchoides ritzemabosi</i>)	NIL	0.05%	0.5%	0.5%
Other pests and diseases including: mildew, leaf spot, aphids, leaf midge, sawfly and two spotted (red spider) mite	Substantial freedom			

- * Limited roguing is permissible to meet the nil tolerance. The infested plant (or small group of plants) should be rogued together with all plants within a two metre radius. If more than one focus of infestation is evident in the same stock within a twenty metre radius, it should be rejected from the scheme. The only exception is if the focii occur in a discrete area in a large stock, in which case a cordon sanitaire may be used to retain healthy stocks in the scheme.
- ** Limited roguing is permissible to meet the nil tolerance. If reversion is confirmed, the infected plant (or small group of plants) should be rogued together with all plants within a three metre radius. For Super Elite stocks only, the stock should be downgraded to Elite. If more than one focus of infection is evident in the same stock within a thirty metre radius, it should be rejected from the scheme. The only exception is if the focii occur in a discrete area in a large stock, in which case a cordon sanitaire may be used to retain healthy stocks in the scheme.

RIBES

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

Blackcurrants:

8949 - 15	Ben Hope
8982 - 6	Ben Klibreck
9137 - 2	Ben Lair
Baldwin	Ben Lomond
Ben Alder	Ben Sarek
Ben Avon	Ben Starav
Ben Connan	Ben Tirran
Ben Dorain	Ben Tron
Ben Gairn	Ben Vane