GLOBALG.A.P.
(EUREPGAP)

Control Points and Compliance Criteria
Integrated Farm Assurance

FLOWER AND ORNAMENTALS

English Version
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N°	Control Point	Compliance Criteria	Level
FO .	**FLOWER AND ORNAMENTALS**		
FO . 1	**PROPAGATION MATERIAL**		
FO . 1 . 1	**Choice of Variety or Rootstock**		
FO . 1 . 1 . 1	Is the grower aware of the customer quality specifications if there are any and does he/she comply with them?	Written correspondence exists between customer and grower demonstrating mutual agreement on quality specifications at any one time. The grower must prove that the agreed quality specifications are adhered to. No N/A	Minor Must
FO . 1 . 1 . 2	Have varieties or rootstocks been agreed with major customers?	There is a written agreement between customer and grower, and the variety conforms with the customer's quality specification.	Recom.
FO . 1 . 1 . 3	Where varieties or rootstocks are agreed with clients, is there a written specification defining the varieties to be grown?	There is a written agreement between customer and grower, and the variety conforms to the customer's quality specification.	Recom.
FO . 1 . 1 . 4	Do the crops grown match the written specifications?	Documented records e.g. plant passport must be available, and must match the customers' specification.	Recom.
FO . 1 . 1 . 5	Does the variety or rootstock meet the latest UPOV (International Union for the Protection of New Varieties of Plants) guidelines?	There are written documents available on request that prove that the varieties grown have been obtained in accordance to local legislation and in compliance with intellectual property right laws. No N/A	Major Must
FO . 1 . 2	**Pest and Disease Resistance**		
FO . 1 . 2 . 1	Are growers aware of the varieties' degree of susceptibility to pest and diseases?	There is written evidence of the varieties' degree of susceptibility to pests and diseases.	Recom.
FO . 2	**SOIL AND SUBSTRATE MANAGEMENT**		
FO . 2 . 1	**Soil Fumigation (N/A if no soil fumigation)**		
FO . 2 . 1 . 1	Is there written justification for the use of soil fumigants?	There is written evidence and justification for the use of soil fumigants including location, date, active ingredient, doses, method of application and operator. The use of Methyl Bromide is not permitted. No N/A	Major Must
FO . 2 . 1 . 2	Is any pre-planting interval complied with?	Pre-planting interval must be recorded. No N/A	Minor Must
FO . 2 . 1 . 3	Are alternatives to chemical fumigation explored before resorting to the use of chemical fumigants?	The producer is able to demonstrate assessment of alternatives to chemical soil fumigation through technical knowledge, written evidence or accepted local practice.	Recom.

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FO . 2 . 2	**Substrates (N/A if no substrates are used)**		
FO . 2 . 2 . 1	Does the producer participate in substrate recycling programmes for substrates, where available?	The producer keeps records with quantities recycled and dates. Invoices/loading dockets are acceptable. If there is no participation in a recycling programme available, it should be justified.	Recom.
FO . 2 . 2 . 2	If chemicals are used to sterilise substrates for reuse, has the location, the date of sterilisation, type of chemical, method of sterilisation, name of the operator and pre-planting interval been recorded?	When the substrates are sterilised on the farm, the name or reference of the field, orchard or greenhouse are recorded, if sterilised off farm then the name and location of the company which sterilises the substrate are recorded..The following are all correctly recorded: the dates of sterilisation (day/month/year); the name and active ingredient; the machinery (e.g. 1000 l-tank etc); the method (e.g. drenching, fogging); the operator's name (the person who actually applied the chemicals and did the sterilisation); and the pre-planting interval.	Major Must
FO . 2 . 2 . 3	When substrates are reused, has steaming been used for sterilisation?	When substrates are reused, documentary evidence shows that steaming is the option used.	Recom.
FO . 2 . 2 . 4	For substrates of natural origin, can it be demonstrated that it does not come from designated conservation areas?	There are records that prove the origin of the substrates of natural origin being used. These records demonstrate that the substrates do not come from designated conservation areas.	Recom.
FO . 3 .	**FERTILIZER USE**		
FO . 3 . 1	**Nutrient Requirement**		
FO . 3 . 1 . 1	Has a cropping or soil care plan been developed to ensure minimization of nutrient loss?	Based on the risk analysis and soil analysis the grower should make a cropping plan and a fertilisation programme (time, frequency, and quantity) to minimise nutrient loss.	Recom.
FO . 3 . 1 . 2	Has the application of fertilizers been based on a calculation of the nutrient requirements of the crop and on appropriate routine analysis of nutrient levels in the soil, the crop or the nutrient solution?	Calculations should be made at least once for every single crop harvested and on a justified regular basis (e.g. every two weeks in closed systems) for continuously harvested crops. (analysis may be conducted with on-farm equipment or mobile kits).	Recom.
FO . 3 . 1 . 3	Does the fertilizer application meet the needs of the crops as well as maintaining soil fertility?	The actual applied quantities comply with the fertilizer crop plan. Routine soil analyses are available. No N/A	Minor Must
FO . 3 . 2	**Fertilizer Storage**		
FO . 3 . 2 . 1	Are concentrated acids stored separately from any other material?	Concentrated acids must be stored separately from any other material.	Minor Must

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FO . 3 . 2 . 2	Are concentrated acids stored in a separated, lockable room?	Concentrated acids must be stored in a separate, lockable room unless stored according to the requirements for plant protection product storage.	Minor Must
FO . 4	**HARVESTING**		
FO . 4 . 1	**Hygiene**		
FO . 4 . 1 . 1	Do workers have access to clean toilet and hand washing facilities in the vicinity of their work?	There are placed on the field and accessible to the workers fixed or mobile toilet facilities in a good state of hygiene with hand washing facilities. No N/A.	Minor Must
FO . 4 . 1 . 2	Has packaging on farm been stored so as to avoid contamination by rodent, pest, birds, physical and chemical hazards?	All consumer packaging is stored with control measures for rodent, pest, birds, physical and chemical hazards. No N/A	Minor Must
FO . 4 . 1 . 3	Are reusable field containers cleaned, and re-cleaned to ensure they are free from foreign material?	Where applicable, the field containers are clean and a cleaning schedule in place at least to ensure that they are free of foreign material.	Minor Must
FO . 5	**POST-HARVEST TREATMENTS**		
FO . 5 . 1	**Quality of Post-harvest water**		
FO . 5 . 1 . 1	Has a risk assessment for post-harvest water been completed?	Part of the risk assessment should consider frequency of analysis, sources of water, the resources, sustainability of the sources and susceptibility to pollutants, chemical and mineral contaminants and the environment. Sustainable water sources are sources that supply enough water under normal (average) conditions.	Minor Must
FO . 5 . 1 . 2	Is or has untreated sewage water not been used for post-harvest washing?	Untreated sewage water must never be used for post-harvest. According to the risk analysis, there is a documented record of the appropriate microbial contaminants, e.g. E- coli etc. No N/A	Major Must
FO . 5 . 1 . 3	Is the laboratory carrying out the water analysis a suitable one?	The water analysis for the product washing is undertaken by a laboratory currently accredited to ISO 17025 or its national equivalent or one that can demonstrate via documentation that it is in the process of gaining accreditation.	Recom.
FO . 5 . 1 . 4	Have any adverse results been acted upon?	Records are available of what actions have been taken and what the results are.	Recom.

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FO . 5 . 2	**Post-Harvest Treatments**		
FO . 5 . 2 . 1	Are post-harvest treatments only used if no alternative exists to ensure maintenance of good quality?	All possible alternatives for the use of post harvest chemicals have been considered and evaluated, and chemicals are only used where there is no technically accepted alternative.	Minor Must
FO . 5 . 2 . 2	Are all label instructions observed?	There are clear procedures and documentation available, i.e. post-harvest protection products application records and packaging/delivery dates of treated products, which demonstrate that the label instructions for chemicals applied to the harvested crop have been observed.	Major Must
FO . 5 . 2 . 3	Are plant protection products only used that are officially registered in the country of use, and for use post-harvest on the harvested crop being protected?	All the post harvest plant protection products used on harvested crop are officially registered or permitted by the appropriate governmental organisation in the country of application and are approved for use in the country of application and are approved for use on the harvested crop to which it is applied as indicated on the biocides, and plant protection products' labels. Where no official registration scheme exists, refer to the GLOBALGAP (EUREPGAP) guideline on this subject and FAO International Code of Conduct on the Distribution and Use of Pesticides.	Major Must
FO . 5 . 2 . 4	Are only plant protection products used on harvested crop destined for sale in the European Union that are not banned in the European Union?	The documented plant protection product application records confirm that no plant protection product used as post-harvest treatment within the last 12 months on the crops grown under GLOBALGAP (EUREPGAP) destined for sale within the E.U., has been prohibited by the E.U. (under EC Prohibition Directive List - 79/117/EC.)	Major Must
FO . 5 . 2 . 5	Is an up-to-date list maintained of post-harvest plant protection products that are used, and approved for use, on crops being grown?	An up to date documented list, that takes into account any changes in local and national plant protection product legislation is available for the commercial brand names of plant protection products (including their active ingredient composition, or beneficial organisms) that are used on crops being, or which have been, grown on the farm under GLOBALGAP (EUREPGAP) within the last 12 months. No N/A.	Minor Must
FO . 5 . 2 . 6	Is the grower or packer aware of restrictions on specific chemicals in individual countries?	There is documentation available indicating the restrictions in individual countries of specific post harvest chemicals.	Minor Must
FO . 5 . 2 . 7	Has the grower or packer consulted their customers to determine if any additional commercial restrictions exist?	There is documentation which confirms the request from the grower or packer for information of additional restrictions.	Minor Must

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FO . 5 . 2 . 8	Is the technically responsible person for the harvested crop handling process able to demonstrate competence and knowledge with regard to the application of plant protection products?	The technically responsible person for the post harvest plant protection products applications can demonstrate sufficient level of technical competence via nationally recognised certificates or formal training.	Major Must
FO . 5 . 2 . 9	Have the post-harvest plant protection product applications, including the harvested crops' identity (i.e. lot or batch of produce), been recorded ?	The lot or batch of harvested crop treated is documented in all post-harvest plant protection product application records.	Major Must
FO . 5 . 2 . 10	Has the location of the post-harvest plant protection product applications been recorded?	The geographical area, the name or reference of the farm or harvested crop handling site where the treatment was undertaken is documented in all post-harvest plant protection product application records.	Major Must
FO . 5 . 2 . 11	Have the application dates of the post-harvest plant protection product been recorded?	The exact dates (day/month/year) of the applications are documented in all post-harvest biocide, wax and plant protection product application records.	Major Must
FO . 5 . 2 . 12	Has the type of treatment been recorded for the post-harvest plant protection product applications?	The type of treatment used for product application (i.e. spraying, drenching, gassing etc.) is documented in all post-harvest plant protection product application records.	Major Must
FO . 5 . 2 . 13	Has the product trade name of the post-harvest plant protection product applications been recorded?	The trade name and active ingredient of the products applied are documented in all post-harvest protection product application records.	Major Must
FO . 5 . 2 . 14	Has the product quantity applied of the post-harvest plant protection product applications been recorded?	The amount of product applied in weight or volume per litre of water or other carrier medium is recorded in all post-harvest plant protection product applications records.	Major Must
FO . 5 . 2 . 15	Has the name of the operator of the post-harvest plant protection product applications been recorded?	The name of the operator who has applied the plant protection product to the harvested crop is documented in all post-harvest plant protection product application records.	Minor Must
FO . 5 . 2 . 16	Has the justification for application for the post-harvest plant protection product applications been recorded?	The common name of the pest, disease to be treated is documented in all post-harvest plant protection product application records.	Minor Must

EDITION UPDATE REGISTER

Control Points and Compliance Criteria Version	Replaces	Replaced document obsolete	New document comes into force	Description of Modifications
3.0-1_2July07	3.0-Mar07	2 July .2007	2 July .2007	Clarification of wording for Control Point: 5.2.4
3.0-2_Sep07	3.0-1_2July07	30-Sep-07	30-Sep-07	Modification GLOBALGAP (EUREPGAP)

1. For detailed information of the modifications please contact GLOBALGAP Secretariat for the History document.
2. When the changes do not affect the accreditation of the standard, the version will remain “3.0” and edition update shall be indicated with “-x”.
3. When the changes do affect the accreditation of the standard, the version name will change to “3.x”.