

CPC**COOPERATIVE PATENT CLASSIFICATION****A01G**

HORTICULTURE; CULTIVATION OF VEGETABLES, FLOWERS, RICE, FRUIT, VINES, HOPS OR SEAWEED; FORESTRY; WATERING (picking of fruits, vegetables, hops, or the like [A01D 46/00](#); plant reproduction by tissue culture techniques [A01H 4/00](#); devices for topping or skinning onions or flower bulbs [A23N 15/08](#); propagating unicellular algae [C12N 1/12](#); plant cell culture [C12N 5/00](#))

WARNING

The following IPC groups are not used in the CPC scheme. Subject matter covered by these groups is classified in the following CPC groups:

[A01G 33/02](#) covered by [A01G 33/00](#)

Guidance heading:

A01G 1/00	Horticulture; Cultivation of vegetables (labels or name-plates G09F 3/00 , G09F 7/00)
A01G 1/001	. { Horticultural methods }
A01G 1/002	. { Growing turf }
A01G 1/004	. . { Pre-cultivated sod; Machines for laying it down }
A01G 1/005	. . { Planted mats, e.g. for covering roofs }
A01G 1/007	. . { Flat containers, e.g. for covering roofs }
A01G 1/02	. Cultivation of asparagus
A01G 1/04	. Cultivation of mushrooms (composts or fertilisers for cultivating mushrooms C05)
A01G 1/042	. . { Growing rooms with treatment apparatus; Cultivation racks or trays }
A01G 1/044	. . { Apparatus for treating mushroom compost }
A01G 1/046	. . { Cultivation bags or bottles }
A01G 1/048	. . { Mycorrhiza }
A01G 1/06	. Grafting (grafting-wax A01N 3/04)
A01G 1/08	. Edging for beds, lawns, or the like, e.g. using tiles
A01G 1/12	. Tools for cultivating turf; Sweeping apparatus for lawns; Garden rollers (machines for treating meadows or lawns A01B 45/00 ; lawn-mowers A01D 34/00)
A01G 1/125	. . { Machines for sweeping lawns and for collecting or disintegrating lawn debris }
A01G 3/00	Cutting implements specially adapted for horticultural purposes; Delimbing standing trees (felling trees A01G 23/08 ; hand-held cutting tools suitable for other use B26B)

- A01G 3/002 . {for comminuting plant waste (comminuting by cutting implements in general [B02C 18/00](#)) }
- A01G 3/02 . Secateurs; Flower or fruit shears
- A01G 3/021 .. { characterized by the arrangement of pivots }
- A01G 3/025 .. having elongated or extended handles
- A01G 3/0251 ... { Loppers, i.e. branch cutters with two handles (hedge shears [A01G 3/0475](#)) }
- A01G 3/0253 { characterized by the arrangement of pivots }
- A01G 3/0255 ... { Tree pruners, i.e. pruning shears carried at the end of a pole }
- A01G 3/0256 { actuated by pulling a rope or the like }
- A01G 3/0258 { actuated by a shaft transmission, e.g. inside the pole }
- A01G 3/033 .. having motor-driven blades
- A01G 3/0335 ... { having elongated or extended handles }
- A01G 3/037 ... the driving means being an electric motor
- A01G 3/04 . Apparatus for trimming hedges, e.g. hedge shears
- A01G 3/0408 .. { specially adapted for trellis work, e.g. machines for pruning vine or the like (preliminary pruning vines [A01G 17/023](#); defoliating machines [A01G 17/026](#)) }
- A01G 3/0417 .. { Guiding frames for trimming hedges }
- A01G 3/0426 .. { Machines for pruning vegetation on embankments and road-sides }
- A01G 3/0435 .. { Machines specially adapted for shaping plants, e.g. topiaries }
- A01G 3/047 .. portable
- A01G 3/0475 ... { Hedge shears }
- A01G 3/053 ... motor-driven
- A01G 3/0535 {with rotatable knives }
- A01G 3/06 . Hand-held edge trimmers or shears for lawns { (with a flexible rotating cutter [A01D 34/416](#)) }
- A01G 3/062 .. {Motor-driven edge trimmers }
- A01G 3/065 .. {Hand operated shears for lawns }
- A01G 3/067 .. {Motor-driven shears for lawns }
- A01G 3/08 . Other tools for pruning, branching or delimbing standing trees
- A01G 3/081 .. { Manual cutting tools not otherwise provided for, e.g. pruning hooks }
- A01G 3/083 .. { Manual pruning saws (saws in general [B27B](#)) }
- A01G 3/085 .. { Motor-driven saws for pruning or branching (saws in general [B27B](#)) }
- A01G 3/086 ... { Chain saws (chain saws in general [B27B 17/00](#)) }
- A01G 3/088 ... { Circular saws (circular saws in general [B27B 5/00](#)) }

A01G 5/00**Floral handling**

- A01G 5/02 . Apparatus for binding bouquets or wreaths
- A01G 5/04 . Mountings for wreaths, or the like; Racks or holders for flowers

- A01G 5/06
 - . Devices for preserving flowers ([chemical substances A01N 3/02](#); [flower vases A47G 7/06](#))
- A01G 7/00**
 - Botany in general** ([cultivation without soil A01G 31/00](#))
- A01G 7/02
 - . Treatment of plants with carbon dioxide ([greenhouses therefor A01G 9/18](#))
- A01G 7/04
 - . Electric or magnetic treatment of plants for promoting growth
- A01G 7/045
 - .. {with electric lighting }
- A01G 7/06
 - . Treatment of growing trees or plants, e.g. for preventing decay of wood, for tingeing flowers or wood, for prolonging the life of plants
- A01G 9/00**
 - Cultivation of flowers, vegetables or rice in receptacles, forcing-frames, or greenhouses** ([cultivation without soil A01G 31/00](#); {[turfing of roofs E04D 11/002](#) })
- A01G 9/006
 - . { Labels or label holders for flower pots }
- A01G 9/02
 - . Receptacles, e.g. flower-pots or boxes ([hanging flower baskets, holders or containers for flower-pots A47G 7/00](#)) ; Glasses for cultivating flowers
- A01G 9/021
 - .. {Pots formed in one piece; Materials used therefor }
- A01G 9/022
 - .. { Pots for vertical horticulture }
- A01G 9/023
 - ... { Multi-tiered planters }
- A01G 9/024
 - ... { Hanging flower pots and baskets }
- A01G 9/025
 - ... { Containers and elements for greening walls ([for covering roofs A01G 1/007](#)) }
- A01G 9/026
 - .. {Foldable pots }
- A01G 9/027
 - .. {Pots connected in horizontal rows }
- A01G 9/028
 - .. {Multi-compartmented pots }
- A01G 9/04
 - . Flower-pot saucers
- A01G 9/042
 - .. { Combinations of a saucer and a flower pot attached together }
- A01G 9/045
 - .. { Trays for receiving multiple pots }
- A01G 9/047
 - .. { Channels or gutters, e.g. for hydroponics }
- A01G 9/06
 - . Devices for cleaning flower-pots
- A01G 9/08
 - . Devices for filling-up flower-pots { or pots for seedlings }; Devices for setting plants { or seeds } in pots
- A01G 9/081
 - .. { Devices for filling-up pots }
- A01G 9/083
 - .. { Devices for setting plants in pots }
- A01G 9/085
 - .. { Devices for setting seeds in pots }
- A01G 9/086
 - .. { Devices for repotting }
- A01G 9/088
 - .. { Handling or transferring pots }
- A01G 9/10
 - . Pots { ([or other receptacles](#)) } for seedlings, { [saplings, cuttings or other young plants \(foldable pots\)](#) }; Soil { ([or like](#)) } blocks for seedlings; { [Plant substrate bodies](#) }; Means for forming soil-blocks

- A01G 9/1006 .. { Tools, machines and methods for forming soil blocks or compressed pots, e.g. from peat }
- A01G 9/1013 .. { soil blocks or compressed pots }
- A01G 9/102 .. { Planting receptacles specially adapted for remaining in the soil after planting }
- A01G 9/1026 .. { Seed or shoot receptacles }
- A01G 9/1033 .. { Sterile receptacles, e.g. for tissue culture }
- A01G 9/104 .. { Units comprising two or more connected receptacles }
- A01G 9/1066 .. { Grids for supporting several receptacles }
- A01G 9/1073 .. { Receptacles specially adapted for air layering }
- A01G 9/108 .. { Handling or transporting of soil blocks or seedlings }
- A01G 9/1086 .. { Composition of plant substrate bodies (plant growth regulators [A01N](#) ; fertilizers [C05](#) ; soil conditionning or soil stabilizing materials [C09K 17/00](#)) }

- A01G 9/12 . Supports for plants; Trellis for strawberries or the like ({trellis-work for vines [A01G 17/06](#) } ; stays for trees, props for vines [A01G 17/14](#))
- A01G 9/122 .. {Stakes }
- A01G 9/124 ... {Means for holding stakes upright in, on, or beside pots }
- A01G 9/126 .. {Wirespool supports }
- A01G 9/128 .. {Fixing of plants to supports, e.g. by means of clips }

- A01G 9/14 . Greenhouses (cloches [A01G 13/04](#); {glazing bars, glazing clips therefor [E04D 3/06](#) })
- A01G 9/1407 .. {of flexible synthetic material }
- A01G 9/1415 ... {with double or multiple walls }
- A01G 9/1423 .. {Greenhouse bench structures }
- A01G 9/143 .. {Equipment for handling produce in greenhouses }
- A01G 9/1438 .. { Covering materials therefor; Materials for protective coverings used for soil and plants, e.g. films, canopies, tunnels or cloches }
- A01G 9/1469 .. {with double or multiple walls }
- A01G 9/1476 .. {Greenhouse gutters (gutters in general [E04D 13/064](#)) }
- A01G 9/16 .. Dismountable or portable greenhouses; {Greenhouses with sliding roofs }

- A01G 9/18 . Greenhouses for treating plants with carbon dioxide or the like

- A01G 9/20 . Forcing-frames; Lights

- A01G 9/22 . Shades or blinds for greenhouses, or the like { (canopies [A01G 13/0206](#)) }
- A01G 9/222 .. {Lamellar or like blinds (in general [E06B 9/26](#)) }
- A01G 9/225 .. {Inflatable structures }
- A01G 9/227 .. {rolled up during non-use (in general [E06B 9/08](#)) }

- A01G 9/24 . Devices {or systems } for heating, ventilating, regulating temperature, or watering, in greenhouses, forcing-frames, or the like
- A01G 9/241 .. {Arrangement of opening or closing systems for windows and ventilation panels }
- A01G 9/242 ... {for greenhouses with flexible coverings }
- A01G 9/243 .. {Collecting solar energy (in general [F24J](#)) }
- A01G 9/245 .. {Conduits for heating by means of liquids, e.g. used as frame members or for soil

- heating }
- A01G 9/246 . . {Air-conditioning systems }
- A01G 9/247 . . {Watering arrangements }
- A01G 9/26 . . Electric devices

- A01G 11/00** **Sterilising soil by steam** (soil-conditioning or soil-stabilising materials [C09K 17/00](#))

- A01G 13/00** **Protecting plants** (apparatus for the destruction of vermin or noxious animals [A01M](#) ; use of chemical materials therefor, composition of protective materials, e.g. grafting wax, [A01N](#) ; {coverings around trees forming part of a road [E01C 9/005](#) })

- A01G 13/02 . Protective coverings for plants; { Coverings for the ground; } Devices for laying-out { or removing } coverings { (covering materials [A01G 9/1438](#)) }
- A01G 13/0206 . . { Canopies, i.e. devices providing a roof above the plants }
- A01G 13/0212 . . . { for individual plants, e.g. for plants in pots }
- A01G 13/0225 . . { Wind breakers, i.e. devices providing lateral protection of the plants }
- A01G 13/0231 . . { Tunnels, i.e. protective full coverings for rows of plants (dismountable or portable greenhouses [A01G 9/16](#)) }
- A01G 13/0237 . . { Devices for protecting a specific part of a plant, e.g. roots, trunk or fruits }
- A01G 13/0243 . . { Protective shelters for young plants, e.g. tubular sleeves }
- A01G 13/025 . . { Devices for laying-out or removing plant coverings (for ground coverings [A01G 13/0287](#)) }
- A01G 13/0256 . . { Ground coverings }
- A01G 13/0262 . . . { Mulches, i.e. covering material not-pre-formed in mats or sheets ([A01G 13/0281](#) takes precedence; composition of mulches [C09K 17/52](#)) }
- A01G 13/0268 . . . { Mats or sheets, e.g. nets or fabrics ([A01G 13/0281](#) takes precedence) }
- A01G 13/0275 { Films }
- A01G 13/0281 . . . { Protective ground coverings for individual plants, e.g. for plants in pots (coverings around trees forming part of a road [E01C 9/005](#)) }
- A01G 13/0287 . . . { Devices for laying-out or removing ground coverings }
- A01G 13/0293 . . . { Anchoring means for ground coverings }
- A01G 13/04 . . Cloches { i.e. protective full coverings for individual plants (dismountable or portable greenhouses [A01G 9/16](#); individual canopies [A01G 13/0212](#)) }
- A01G 13/043 . . . {with flexible coverings }

- A01G 13/06 . Devices for generating heat, smoke, or fog in gardens, orchards, or forests, e.g. to prevent damage by frost ({bee-smokers [A01K 55/00](#); fumigators for destroying insects [A01M 13/006](#); for destroying rats [A01M 17/004](#) }; chemical aspects of generating smoke or mist [C06D 3/00](#); heating devices in general, see the appropriate classes, e.g. [F24](#))
- A01G 13/065 . . {Frost protection by generating fog or by spraying }

- A01G 13/08 . Mechanical apparatus for circulating the air

- A01G 13/10 . Devices for affording protection against animals, birds, or other pests { (protective shelters for young plants [A01G 13/0243](#)) } (traps [A01M 23/00](#) { scaring or repelling devices [A01M 29/00](#) }; pesticides [A01N](#))

A01G 13/105 .. {Protective devices against slugs, snails, crawling insects or other climbing animals }

A01G 15/00 **Devices or methods for influencing weather conditions** (dispersing fog in general [E01H 13/00](#))

A01G 16/00 **Cultivation of rice** ([A01G 9/00](#) takes precedence)

A01G 17/00 **Cultivation of hops, vines, fruit trees, or like trees**

A01G 17/005 . { Cultivation methods }

A01G 17/02 . Cultivation of hops or vines

A01G 17/023 .. { Machines for priming and/or preliminary pruning of vines, i.e. removing shoots and/or buds (trimming apparatus for trellis work [A01G 3/0408](#)) }

A01G 17/026 .. { Machines for removing leaves of vines }

A01G 17/04 . Supports for hops, vines, or trees

A01G 17/06 .. Trellis-work

A01G 17/08 ... Tools for attaching hops, vines, or boughs to trellis-work; Tying devices

A01G 17/085 {Tying instruments; Espalier machines }

A01G 17/10 .. Holders for boughs or branches

A01G 17/12 .. Tree-bands

A01G 17/14 .. Props; Stays

A01G 17/16 ... Devices for driving-in or pulling-out props

A01G 17/18 . Means for filling-up wounds in trees

A01G 21/00 **Devices for hanging-up harvested fruit**

A01G 23/00 **Forestry**

A01G 23/003 . {Collecting felled trees }

A01G 23/006 .. {Log skidders }

A01G 23/02 . Transplanting, uprooting, felling or delimbing trees (delimbing standing trees [A01G 3/00](#))

NOTE

Tree feeding devices are covered by group [B27B 25/00](#)

A01G 23/04 .. Transplanting trees; Devices for grasping the root ball, e.g. stump forceps; Wrappings or packages for transporting trees

A01G 23/043 ... {Transplanting devices for grasping, undercutting or transporting the root ball ([A01G 23/046](#) takes precedence) }

- A01G 23/046 . . . {Transplanting devices using elements to be driven into the ground for making a container around the root ball }
- A01G 23/06 . . Uprooting or pulling up trees; Extracting or eliminating stumps
- A01G 23/062 . . . {Pulling up trees or stumps }
- A01G 23/065 {in a substantially vertical plane }
- A01G 23/067 {by comminuting the tree stumps }
- A01G 23/08 . . Felling trees (axes [B26B 23/00](#); saws, sawing machines [B27B](#))
- A01G 23/081 . . . Feller-bunchers, i.e. with bunching by felling head ([A01G 23/083](#) takes precedence)
- A01G 23/083 . . . Feller-delimbers
- A01G 23/085 having the shearing head mounted on a first boom and the delimbing head mounted on a second boom
- A01G 23/087 . . . Shearing apparatus or the like specially adapted for felling trees ([A01G 23/081](#), [A01G 23/083](#), [A01G 23/093](#) take precedence)
- A01G 23/089 having two or more shears
- A01G 23/09 of the percussion type
- A01G 23/091 . . . Sawing apparatus specially adapted for felling trees ([A01G 23/081](#), [A01G 23/083](#), [A01G 23/093](#) take precedence)
- A01G 23/093 . . . Combinations of shearing, sawing or milling apparatus specially adapted for felling trees
- A01G 23/095 . . Delimbers ([A01G 23/083](#) takes precedence; manufacture of wood shavings, chips, powder, or the like, per se [B27L 11/00](#))
- A01G 23/0955 . . . {Self-propelled along standing trees }
- A01G 23/097 . . . having a fixed delimbing head
- A01G 23/099 . . Auxiliary devices, e.g. felling wedges

- A01G 23/10 . Tapping of tree-juices, e.g. caoutchouc, gum
- A01G 23/12 . . Knives or axes for tapping
- A01G 23/14 . . Tapping-spouts; Receptacles for juices

- A01G 25/00** **Watering gardens, fields, sports grounds, or the like** (special apparatus or adaptations for fertilising-liquids [A01C 23/00](#); nozzles or outlets, spraying apparatus [B05B](#) ; gravity flow, open channel irrigation ditch systems [E02B 13/00](#))

- A01G 25/02 . Watering arrangements located above the soil which make use of perforated pipe-lines or pipe-lines with dispensing fittings, e.g. for drip irrigation ([perforated pipes](#) per se [B05B 1/20](#))
- A01G 25/023 . . { Dispensing fittings for drip irrigation, e.g. drippers }
- A01G 25/026 . . { Machines and methods for fixing the drippers in the pipe }

- A01G 25/06 . Watering arrangements making use of perforated pipe-lines located in the soil ([perforated pipes](#) per se [B05B 1/20](#); similar arrangements for drainage [E02B 11/00](#))

- A01G 25/09 . Watering arrangements making use of movable installations on wheels or the like
- A01G 25/092 . . {movable around a pivot centre }
- A01G 25/095 . . {winch-driven ([A01G 25/097](#) takes precedence) }
- A01G 25/097 . . {guided or propelled along a water supply line with supply line traversing means }

- A01G 25/14 . Hand watering devices, e.g. watering cans
- A01G 25/145 .. {with pumps }
- A01G 25/16 . Control of watering ([controlling of spraying devices B05B](#))
- A01G 25/162 .. {Sequential operation }
- A01G 25/165 .. {Cyclic operations, timing systems, timing valves, impulse operations }
- A01G 25/167 .. {Control by humidity of the soil itself or of devices simulating soil or of the atmosphere; Soil humidity sensors }

A01G 27/00 Self-acting watering devices, e.g. for flower-pots

- A01G 27/001 . {with intermittent watering means }
- A01G 27/003 . {Controls for self-acting watering devices }
- A01G 27/005 . {Reservoirs connected to flower-pots through conduits }
- A01G 27/006 . {Reservoirs, separate from plant-pots, dispensing directly into rooting medium }
- A01G 27/008 . {Component parts, e.g. dispensing fittings, level indicators }
- A01G 27/02 . having a water reservoir, the main part thereof being located wholly around or directly beside the growth substrate ([A01G 27/06 takes precedence](#))
- A01G 27/04 . using wicks or the like
- A01G 27/06 .. having a water reservoir, the main part thereof being located wholly around or directly beside the growth substrate

A01G 29/00 Root feeders; Injecting fertilisers into the roots

A01G 31/00 Hydroponics; Cultivation without soil ([A01G 33/00 takes precedence](#))

- A01G 31/001 . {Soilless culture substrates }
- A01G 31/02 . Special apparatus therefor ([apparatus for cultivation in receptacles or greenhouses in general A01G 9/00](#); [self-acting watering devices A01G 27/00](#))
- A01G 31/04 .. Hydroponic culture on conveyers
- A01G 31/042 ... { with containers travelling on a conveyor belt or the like }
- A01G 31/045 ... { with hanging containers travelling along a rail }
- A01G 31/047 ... { using a rotating drum or the like }
- A01G 31/06 .. Hydroponic culture on racks or in stacked containers

A01G 33/00 Cultivation of seaweed {or algae }

Guidance heading:

A01G 2001/00	Horticulture; Cultivation of vegetables (labels or name-plates G09F 3/00 , G09F 7/00)
A01G 2001/008	. Growing plants or turf in soil-like layered substrates using a foil
A01G 2001/06	. Grafting (grafting-wax A01N 3/04)
A01G 2001/065	. . Removing buds
A01G 2003/00	Cutting implements specially adapted for horticultural purposes; Delimbing standing trees (felling trees A01G 23/08 ; hand-held cutting tools suitable for other use B26B)
A01G 2003/005	. Removing buds
A01G 2003/007	. Using spray
A01G 2003/02	. Secateurs; Flower or fruit shears
A01G 2003/023	. . with means for grasping the cut object
A01G 2003/04	. Apparatus for trimming hedges, e.g. hedge shears
A01G 2003/0443	. . with height-adjustable platforms
A01G 2003/0452	. . with platforms for persons
A01G 2003/0461	. . with reciprocating knives
A01G 2005/00	Floral handling
A01G 2005/005	. Thorn removers
A01G 2009/00	Cultivation of flowers, vegetables or rice in receptacles, forcing-frames, or greenhouses (cultivation without soil A01G 31/00 ; turfing of roofs E04D 11/002)
A01G 2009/003	. Plant pots consisting of two halves, allowing easy removal of the plant
A01G 2009/10	. Pots { (or other receptacles) } for seedlings, { saplings, cuttings or other young plants (foldable pots) }; Soil { (or like) } blocks for seedlings; { Plant substrate bodies }; Means for forming soil-blocks
A01G 2009/104	. . { Units comprising two or more connected receptacles }
A01G 2009/1046	. . . containing mineral wool
A01G 2009/1053	. . . containing superabsorbents
A01G 2009/106	. . . containing wood
A01G 2009/1093	. . for dwarf plants
A01G 2009/14	. Greenhouses (cloches A01G 13/04 ; glazing bars, glazing clips therefor E04D 3/06)
A01G 2009/1438	. . { Covering materials therefor; Materials for protective coverings used for soil and plants, e.g. films, canopies, tunnels or cloches }
A01G 2009/1446	. . . with perforations
A01G 2009/1453	. . . containing textile products

- A01G 2009/1461 . . . containing woven structures
- A01G 2009/1484 . . Glazing apparatus
- A01G 2009/1492 . . Cleaning apparatus

- A01G 2009/24 . Devices {or systems } for heating, ventilating, regulating temperature, or watering, in greenhouses, forcing-frames, or the like
- A01G 2009/248 . . with distillation of water

- A01G 2013/00** **Protecting plants** (apparatus for the destruction of vermin or noxious animals [A01M](#) ; use of chemical materials therefor, composition of protective materials, e.g. grafting wax, [A01N](#) ; {coverings around trees forming part of a road [E01C 9/005](#) })

- A01G 2013/002 . Wind breakers
- A01G 2013/004 . Liquid mulch
- A01G 2013/006 . with perforations
- A01G 2013/008 . using straw

- A01G 2013/02 . Protective coverings for plants; { Coverings for the ground; } Devices for laying-out { or removing } coverings { (covering materials [A01G 9/1438](#)) }
- A01G 2013/0218 . . for removing
- A01G 2013/04 . . Cloches { i.e. protective full coverings for individual plants (dismountable or portable greenhouses [A01G 9/16](#); individual canopies [A01G 13/0212](#)) }
- A01G 2013/046 . . . foldable

- A01G 2017/00** **Cultivation of hops, vines, fruit trees, or like trees**

- A01G 2017/04 . Supports for hops, vines, or trees
- A01G 2017/06 . . Trellis-work
- A01G 2017/065 . . . Trellis-work for supporting vines having wire-tensioning devices

- A01G 2025/00** **Watering gardens, fields, sports grounds, or the like** (special apparatus or adaptations for fertilising-liquids [A01C 23/00](#); nozzles or outlets, spraying apparatus [B05B](#) ; gravity flow, open channel irrigation ditch systems [E02B 13/00](#))

- A01G 2025/003 . with an impermeable layer in the ground
- A01G 2025/006 . Tubular drip irrigation dispensers mounted coaxially within water feeding tubes

- A01G 2031/00** **Hydroponics; Cultivation without soil** ([A01G 33/00](#) takes precedence)

- A01G 2031/002 . Substrates with a flexible envelope
- A01G 2031/003 . with foam substrates
- A01G 2031/005 . with mineral wool substrates

[A01G 2031/006](#) . with means for recycling the nutritive solution

[A01G 2031/007](#) . with superabsorbents

[A01G 2031/008](#) . with wood