

## SECTION A — HUMAN NECESSITIES

### A01 AGRICULTURE; FORESTRY; ANIMAL HUSBANDRY; HUNTING; TRAPPING; FISHING

**A01C PLANTING; SOWING; FERTILISING** (combined with general working of soil A01B 49/04; parts, details or accessories of agricultural machines or implements, in general A01B 51/00-A01B 75/00)

#### Subclass index

##### FERTILISING

Methods.....	3/00, 21/00
Apparatus.....	3/00, 15/00, 17/00, 19/00, 23/00
WORK PREVIOUS TO SOWING OR PLANTING.....	1/00
PLANTING.....	9/00, 11/00, 13/00, 14/00
SOWING.....	7/00, 17/00, 19/00
COMMON APPARATUS.....	5/00

<b>1/00</b>	<b>Apparatus, or methods of use thereof, for testing or treating seed, roots, or the like, prior to sowing or planting</b> (chemicals therefor A01N 25/00-A01N 65/00)	7/12	• • Seeders with feeding-wheels
1/02	• Germinating apparatus; Determining germination capacity of seeds or the like (germinating in preparation of malt C12C 1/027)	7/14	• • • Seeders with spoon or bucket wheels
1/04	• Arranging seed on carriers, e.g. on tapes, on cords	7/16	• • Seeders with other distributing devices, e.g. brushes, discs, screws, slides (with endless chains A01C 15/18)
1/06	• Coating or dressing seed	7/18	• Machines for depositing quantities of seed at intervals
1/08	• Immunising seed	7/20	• Parts of seeders for conducting and depositing seed
<b>3/00</b>	<b>Treating manure; Manuring</b> (dung forks A01D 9/00; organic fertilisers from waste or refuse C05F)	<b>9/00</b>	<b>Potato planters</b> (combinations with soil-working A01B 49/04)
3/02	• Storage places for manure, e.g. cisterns for liquid manure; Installations for fermenting manure (sewerage structures E03F 5/00; silos, bunkers E04H 7/22)	9/02	• with conveyer belts
3/04	• Manure loaders (loaders in general B65G)	9/04	• with bucket wheels
3/06	• Manure distributors, e.g. dung distributors	9/06	• with piercing or grasping devices
3/08	• • for manure already laying on the soil [2]	9/08	• with other distributing devices, e.g. flaps, screws, horizontal turning plates
<b>5/00</b>	<b>Making or covering furrows or holes for sowing, planting, or manuring</b> (ploughs for making ridges A01B 13/02)	<b>11/00</b>	<b>Transplanting machines</b> (carriers for supporting persons A01B 75/00; transplanting devices for trees A01G 23/02)
5/02	• Hand tools for making holes for sowing, planting or manuring (transplanting devices for trees A01G 23/02)	11/02	• for seedlings
5/04	• Machines for making or covering holes for sowing or planting	11/04	• for deeper setting or shifting of plants
5/06	• Machines for making or covering drills or furrows for sowing or planting	<b>13/00</b>	<b>Machines or apparatus for consolidating soil around plants</b>
5/08	• Machines for both manuring and sowing or both manuring and planting	<b>14/00</b>	<b>Methods or apparatus for planting not provided for in other groups of this subclass [2006.01]</b>
<b>7/00</b>	<b>Sowing</b> (arrangements for driving working parts A01C 19/00)	<b>15/00</b>	<b>Fertiliser distributors</b> (A01C 7/06 takes precedence; with centrifugal wheels A01C 17/00; arrangements for driving working parts A01C 19/00; sand, gravel or salt spreaders for roads E01C 19/20) [2]
7/02	• Hand sowing implements	15/02	• for hand use
7/04	• Single-grain seeders with or without suction devices	15/04	• using blowers
7/06	• Seeders combined with fertilising apparatus (combinations with soil working tools A01B 49/04)	15/06	• with distributing slots
7/08	• Broadcast seeders; Seeders depositing seeds in rows	15/08	• • with pushers or stirrers in the slots
7/10	• • Devices for adjusting the seed-box	15/10	• • • with reciprocating pushers
		15/12	• with movable parts of the receptacle
		15/14	• with means for lifting out the fertiliser

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- 15/16 • with means for pushing out the fertiliser, e.g. by a roller
- 15/18 • with endless chains
- 17/00 **Fertilisers or seeders with centrifugal wheels**  
(mechanical throwing machines for articles or solid bulk materials, in general B65G 31/00; sand, gravel, or salt spreaders E01C 19/20) [3]
- 19/00 **Arrangements for driving working parts of fertilisers or seeders [4]**
  - 19/02 • by a motor [4]
  - 19/04 • by a ground-engaging wheel [4]

- 21/00 **Methods of fertilising** (fertilisers C05; soil-conditioning or soil-stabilising materials C09K 17/00)
- 23/00 **Distributing devices specially adapted for liquid manure or other fertilising liquid, including ammonia, e.g. transport tanks, sprinkling wagons** (watering fields in general A01G 25/00; spraying or applying liquids or other fluent materials in general B05)
  - 23/02 • Special arrangements for delivering the liquid directly into the soil
  - 23/04 • Distributing under pressure; Distributing mud; Adaptation of watering systems for fertilising-liquids