KINGDOM OF BELGIUM

FEDERAL PUBLIC SERVICE FOR HEALTH, FOOD CHAIN SAFETY AND ENVIRONMENT

Ministerial Decree amending the Ministerial Decree of 1 April 2021 laying down the drift-reducing agents or measures

The Minister of Agriculture,

Having regard to Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC;

Having regard to the Law of 21 December 1998 on product standards to promote sustainable production and consumption patterns and to protect the environment, public health and workers, Article 9(1)1°, as amended by the Law of 16 December 2015;

Having regard to the Royal Decree of 19 March 2013 on the realisation of a sustainable use of plant protection products and adjuvants, Article 9, 4°;

Having regard to the Ministerial Decree of 1 April 2021 laying down the drift-reducing agents or measures;

Having regard to the involvement of and consultation with the regional governments in the drafting of this Decree at the Interministerial Conference for Environment, extended to agriculture, on (date);

Having regard to the opinion of the Inspector of Finance, issued on (date);

Having regard to the communication to the European Commission on (date), pursuant to Article 5(1) of Directive (EG) 2015/1535 of the European Parliament and of the Council of 9 September 2015 laying down a procedure for the provision of information in the field of technical regulations and of rules on Information Society services;

Having regard to opinion xxxxx/x of the Council of State, issued on (date), pursuant to Article 84(1)(1), 2° of the Council of State Acts, coordinated on 12 January 1973;

HEREBY DECREES THE FOLLOWING:

Any article. The Annex to the Ministerial Decree of 1 April 2021 laying down the drift-reducing agents or measures is replaced by the Annex to this Decree.

Brussels, (date)

David CLARINVAL

ANNEX to the Ministerial Decree amending the Ministerial Decree laying down the drift-reducing agents or measures
ANNEX to the Ministerial Decree laying down drift reduction agents or measures

LIST OF DRIFT-REDUCING MATERIAL – DRIFT PERCENTAGES DEPENDING ON THE SPRAYING TECHNIQUE
The user can reduce the buffer zone indicated on the label if it uses effective material (anti-drift material) and/or provides protective measures (hedges, screens). The classification of a material according to its anti-drift potential for the spraying technique used and for the type of cultivation is presented below.

CHAPTER 1: VERTICAL DOWNWARDS SPRAYING

For spraying in field crops (arable crops, vegetables, strawberries, grassland), the anti-drift classification takes into account the different combinations of sprayers and nozzles (see Table 1). The various sprayers/techniques are further described below. These descriptions are based on the fact sheets from the Dutch DRT list.[1]

STANDARD SPRAYER(*):

- nozzle spacing: 50 cm
- height between nozzles and crop or soil (if no crop is present): maximum 50 cm
- top angle of nozzles: 110° or 120°
- description: standard sprayer (self-propelled, drawn and borne) with a nozzle spacing of 50 cm

SHIELDED SPRAY BOOM(§):

- nozzle spacing: 50 cm
- height between nozzles and crop or soil (if no crop is present): maximum 50 cm
- top angle of nozzles: 110° or 120°
- description: a shielded spray boom is a structure attached to the spray boom. The system consists of shielding the nozzles over the full width of the spray boom with a flexible or fixed plastic plate. The shielding is located on at least the front or rear of the spray boom, and the height is at least 30 cm measured from the opening of the nozzles

AIR ASSISTANCE(#):

- nozzle spacing: 50 cm
- height between nozzles and crop or soil (if no crop is present): maximum 50 cm
- top angle of nozzles: 110° or 120°
- description: a field sprayer equipped with an active air-assistance system, which distributes the air at high speed and volume by means of a distribution system close to (behind) the nozzles, downwards evenly over the entire width of the spray boom. The air transports spray fluid (droplets) to the crop or uncultivated land or ensures that all droplets are sucked downwards and arrive in the crop or on the soil by means of a Venturi effect. The air assistance settings (speed and direction) must be such that the spray fluid is guided to or into the crop, and that the droplets rebounding is avoided. This also applies to applications on uncultivated land.

TOW CLOTH (WINGSPRAYER, etc,)($):

[1] https://www.helpdeskwater.nl/onderwerpen/emissiebeheer/@203377/1-neerwaartse/

- nozzle spacing: maximum 33 cm
- height between spray nozzles and crop or soil (if no crop is present): up to 20 cm, tow cloth always in contact with crop/ground
- top angle of nozzles: 110° or 120°
- definition: the tow cloth system is a structure attached to the spray boom of a field sprayer. This system consists of a series of parallelogram structures, in which a plastic plate is attached to the bottom of these parallelograms over the full width of the spray boom. A spray nozzle is mounted on each parallelogram. The distance between the parallelograms, and therefore also the nozzles, is up to 33 cm. The nozzles are mounted on the parallelograms in such a way that the angle at which the nozzles spray is equal to the angle of the sheet.
  When using the tow-cloth system, the plastic sheet (the tow cloth) should always rest on the crop and the bare ground. This means that the tow cloth drags through the crop, or drags over the bare ground. The tow cloth has the following functions;
    - shielding the nozzles so that the wind takes less hold on the drift-sensitive spray droplets;
    - keeping the spray nozzles at the same height above the crop and the bare ground.

REDUCED SPRAY BOOM (in combination with 25 cm nozzle distance and spray boom stabilisation)(£):

- nozzle spacing: 25 cm
- height between nozzles and crop or soil (if no crop is present): maximum 30 cm
- top angle of nozzles: 80°, 90°, 110° or 120°
- definition: This is a sprayer where the distance between the nozzles is 25 cm and with which it is possible to spray more closely (30 cm) above the crop and uncultivated land (soil).
  Spray-boom reduction has a positive effect on drift reduction, because the wind, due to the shorter path that the spray fluid travels, has less influence on the flow of spray fluid. As a result, the drift is reduced more than with the standard spraying technique.

ROW OR BED SPRAYER (%):

- nozzle spacing: depending on the application
- height between spray nozzles and crop or soil (if no crop is present): depending on the application
- description: this is a row sprayer used in arable crops/full-ground vegetable crops and not for weed control in fruit and tree cultivation. Strips of soil are sprayed with the row sprayer and not full-fields.
  The nozzles are positioned above the strips of soil that need to be sprayed. This can be both one spray nozzle and two spray nozzles per strip of soil. The nozzles may be positioned at an angle and/or under protective hoods.

SHIELDED ROW OR BED SPRAYER (@):

- nozzle spacing: depending on the application
- height between spray nozzles and crop or soil (if no crop is present): depending on the application
- description: with the shielded bed sprayer, the nozzles are mounted inside a covering. The covering covers the width to be sprayed, with the exception of the front and back. One unit of spray piping and covering is used per crop bed.
    - spray nozzles are mounted under the hood
    - the hood is constructed in such a way that the width to be sprayed remains

enclosed
- both sides of the hood are closed
- a device at the front and rear of the hood minimises the opening as much as possible

The list in Table 1 and Table 1.1 specifies the drift reduction class of nozzles with a top angle of 110° or 120°. The drift reduction class of these nozzles also applies to nozzles with a smaller top angle of 80° or 90° (but not the other way around).

This list involves a theoretical listing; not all nozzles or nozzle sizes may be commercially available.

Table 1: Large crops (vertical downward-facing spraying)

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
			Percentage of drift reduction according to spraying technique:						
Nozzles other than those mentioned in this list:			**0**	**50**	**75**	**75**	**75**	**75**	**90**
Agrifac	D3-21	-	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		HTA D3-21 TK-SS-7.5	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		HTA D3-21 TK-SS-5	**90**	**90**	**90**	**90**	**90**	**90**	**90**
Agrotop	TD *	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	TD XL*	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**90**	**90**	**90**	**90**	**90**	**90**	**90**
	TD Hispeed *	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**75**	**90**	**90**	**90**	**90**	**90**	**90**
	Airmix	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
		ISO 05	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**75**	**90**	**90**	**90**	**90**	**90**	**90**
	Airmix NoDrift	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	Softdrop	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 035	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**75**	**90**	**90**	**90**	**90**	**90**	**90**
Airjet and Airtec	Airjet and Airtec	All	**75**	**90**	**90**	**90**	**90**	**90**	**90**
Albuz	AVI	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 02	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**75**	**90**	**90**	**90**	**90**	**90**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
		ISO 035	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**90**	**90**	**90**	**90**	**90**	**90**	**90**
	AVI twin	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**75**	**90**	**90**	**90**	**90**	**90**	**90**
	AVE	yellow-orange-red	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		green-turquoise	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		blue-grey-black-ivory-white	**90**	**90**	**90**	**90**	**90**	**90**	**90**
	CVI	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
	CVI twin	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**75**	**90**	**90**	**90**	**90**	**90**	**90**
	ADI	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	ADE	red-green-turquoise-blue-grey-black-ivory-white	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	AXI	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 035	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 04	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	AVI UC	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**75**	**90**	**90**	**90**	**90**	**90**	**90**
Hardi	Injet	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 02	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**90**	**90**	**90**	**90**	**90**	**90**	**90**
	ISO F	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 035	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 04	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	LD	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	Minidrift (MD)	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	Minidrift duo	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	Nanodrift (ND)	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	LD 4110	red, white	**50**	**75**	**90**	**90**	**90**	**90**	**90**
Hypro or Lurmark	DB (Drift beta)	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**75**	**90**	**90**	**90**	**90**	**90**	**90**
	LD (low drift)	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	ULD (ultra-low drift)	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**90**	**90**	**90**	**90**	**90**	**90**	**90**
	Go (Guardian Air)	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	GAT (Guardian Air Twin)	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
	3D	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 035	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 04	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 05	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 06	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 07	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	3D Ninety	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 035	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 04	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 05	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**90**	**90**	**90**	**90**	**90**	**90**	**90**
John Deere	LDA (PSLDAQ)	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	LDAC	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
	(PSLDACQ)	ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**75**	**90**	**90**	**90**	**90**	**90**	**90**
	PSGAT	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	GATC (PSGATCQ)	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	ULD (PSULDQ)	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**90**	**90**	**90**	**90**	**90**	**90**	**90**
	ULDC (PSULDCQ)	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**90**	**90**	**90**	**90**	**90**	**90**	**90**
	PSLDMQ	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 035	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 04	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 05	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	AULDC (PSAULDCQ)	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
		ISO 025	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**75**	**90**	**90**	**90**	**90**	**90**	**90**
	3DN (PS3DN90Q)	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 035	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 04	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 05	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**90**	**90**	**90**	**90**	**90**	**90**	**90**
	ERC (PSERCQ)	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 035	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 04	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
Lechler	ID	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 02	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**75**	**90**	**90**	**90**	**90**	**90**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
		ISO 03	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**90**	**90**	**90**	**90**	**90**	**90**	**90**
	ID**	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**90**	**90**	**90**	**90**	**90**	**90**	**90**
	IDK	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**75**	**90**	**90**	**90**	**90**	**90**	**90**
	IDN	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**75**	**90**	**90**	**90**	**90**	**90**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
		ISO 035	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**75**	**90**	**90**	**90**	**90**	**90**	**90**
	IDKN	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	IDKT	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	IDTA	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**75**	**90**	**90**	**90**	**90**	**90**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**75**	**90**	**90**	**90**	**90**	**90**	**90**
	AD	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	LU	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 035	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 04	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	PRE	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 035	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 04	**0**	**50**	**75**	**75**	**75**	**75**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
		ISO 05	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**90**	**90**	**90**	**90**	**90**	**90**	**90**
	Syngenta 130	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 035	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 04	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 05	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**90**	**90**	**90**	**90**	**90**	**90**	**90**
Nozal	ADX	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	RRX/ARX	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**75**	**90**	**90**	**90**	**90**	**90**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
		ISO 06	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**90**	**90**	**90**	**90**	**90**	**90**	**90**
	RDX	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	HDRX	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
Syngenta	Turf Nozzle	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 035	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**75**	**90**	**90**	**90**	**90**	**90**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
		ISO 07	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**90**	**90**	**90**	**90**	**90**	**90**	**90**
	3D Ninety	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 035	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 04	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 05	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**90**	**90**	**90**	**90**	**90**	**90**	**90**
Teejet	AI/AIC	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**90**	**90**	**90**	**90**	**90**	**90**	**90**
	AI 3070	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**75**	**90**	**90**	**90**	**90**	**90**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
		ISO 08	**75**	**90**	**90**	**90**	**90**	**90**	**90**
	AIXR	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**75**	**90**	**90**	**90**	**90**	**90**	**90**
	AITTJ60	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**90**	**90**	**90**	**90**	**90**	**90**	**90**
	APTJ	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 035	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 04	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**90**	**90**	**90**	**90**	**90**	**90**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
	TT	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	TTI	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**90**	**90**	**90**	**90**	**90**	**90**	**90**
	TTI60	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**90**	**90**	**90**	**90**	**90**	**90**	**90**
	TTJ	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 035	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 04	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 05	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 06	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**75**	**90**	**90**	**90**	**90**	**90**	**90**
	TTJ60	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 035	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 04	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	DG	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	XR/XRC	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 035	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 04	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
ASJ	SFA (standard fan air)	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**75**	**90**	**90**	**90**	**90**	**90**	**90**
	CFA (compact fan air)	ISO 01	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 015	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	TFA (twin fan air)	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 035	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 04	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	AFC	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
Billericay (BFS)	Exray XC	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**90**	**90**	**90**	**90**	**90**	**90**	**90**
	PulZar	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
Bickers	SAI (short air induction)	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
Wilger	Combo-Jet DR	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	Combo-Jet MR	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**0**	**50**	**75**	**75**	**75**	**75**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
		ISO 035	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**75**	**90**	**90**	**90**	**90**	**90**	**90**
	Combo-Jet SR	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 035	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 04	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	Combo-Jet UR	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 035	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**90**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**90**	**90**	**90**	**90**	**90**	**90**	**90**
Agroplast	6MSC	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	6MSC2	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	6MSP2	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 035	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**
	8MSC	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 035	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 04	**75**	**90**	**90**	**90**	**90**	**90**	**90**

Brand	Nozzle type	Nozzle size	Standard sprayer*	Shielded spray boom§	Air assistance#	Tow cloth (Wingsprayer, etc.)$	Lowered boom height in combination with 25 cm nozzle distance and spray boom stabilisation£	Row or bed sprayer%	Shielded row or bed sprayer@
		ISO 05	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**75**	**90**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**75**	**90**	**90**	**90**	**90**	**90**	**90**
MMA of Tecomec	EZK Twin	ISO 01	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 015	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 02	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 025	**0**	**50**	**75**	**75**	**75**	**75**	**90**
		ISO 03	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 035	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 04	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 05	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 06	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 07	**50**	**75**	**90**	**90**	**90**	**90**	**90**
		ISO 08	**50**	**75**	**90**	**90**	**90**	**90**	**90**

In combination with drift-reducing cap, a side nozzle can also be used on a standard sprayer. The following edge caps are recognised as drift-reducing:									
all unlisted edge caps			**0**						
Agrotop	TD OC	ISO 01	**0**						
		ISO 015	**0**						
		ISO 02	**50**						
		ISO 025	**50**						
		ISO 03	**50**						
		ISO 04	**50**						
		ISO 05	**50**						
		ISO 06	**50**						
		ISO 07	**50**						
		ISO 08	**50**						
	Airmix OC	ISO 01	**0**						
		ISO 015	**0**						
		ISO 02	**50**						
		ISO 025	**50**						
		ISO 03	**50**						

		ISO 04	**50**						
		ISO 05	**50**						
		ISO 06	**50**						
		ISO 07	**50**						
		ISO 08	**50**						
Albuz	OCI	ISO 01	**0**						
		ISO 015	**0**						
		ISO 02	**50**						
		ISO 025	**50**						
		ISO 03	**50**						
		ISO 04	**50**						
		ISO 05	**50**						
		ISO 06	**50**						
		ISO 07	**50**						
		ISO 08	**50**						
	AVI OC	ISO 01	**0**						
		ISO 015	**0**						
		ISO 02	**75**						
		ISO 025	**75**						
		ISO 03	**75**						
		ISO 04	**75**						
		ISO 05	**75**						
		ISO 06	**75**						
		ISO 07	**75**						
		ISO 08	**75**						
Hardi	B-jet	ISO 01	**0**						
		ISO 015	**0**						
		ISO 02	**50**						
		ISO 025	**50**						
		ISO 03	**50**						
		ISO 04	**50**						
		ISO 05	**50**						
		ISO 06	**50**						
		ISO 07	**50**						
		ISO 08	**50**						
Lechler	IS	ISO 01	**0**						
		ISO 015	**0**						
		ISO 02	**50**						
		ISO 025	**50**						
		ISO 03	**50**						
		ISO 04	**50**						
		ISO 05	**50**						
		ISO 06	**50**						
		ISO 07	**50**						
		ISO 08	**50**						
	IDKS	ISO 01	**0**						
		ISO 015	**0**						
		ISO 02	**0**						

		ISO 025	**0**						
		ISO 03	**0**						
		ISO 04	**50**						
		ISO 05	**50**						
		ISO 06	**50**						
		ISO 07	**50**						
		ISO 08	**50**						
Teejet	AI UB	ISO 01	**0**						
		ISO 015	**0**						
		ISO 02	**50**						
		ISO 025	**50**						
		ISO 03	**50**						
		ISO 04	**50**						
		ISO 05	**50**						
		ISO 06	**50**						
		ISO 07	**50**						
		ISO 08	**50**						

Note: while it is not necessary for the side nozzle to have the same classification as the other nozzles on the sprayer, an side nozzle must have a minimum drift reduction of 50 % to ensure the drift reduction capacity of the sprayer. The percentage of drift reduction of the sprayer is then equal to that of the nozzles on the spray boom. E.g. drift-reduction nozzles of 90 % and a side nozzle of 50 %: the drift reduction of the sprayer is 90 %.

The size of the ‘injector nozzle’ (upper part of the nozzle) determines the drift-reduction percentage

** Please note: these are spray nozzles from the new ID3 series from Lechler. This concerns the ID-120-xx (C or POM) nozzles, and not the old nozzles ID 120-xx. The difference can be ascertained by whether or not there is a dash between ‘ID’ and ‘120’

Transitional measures

The underlined nozzles in Table 1 have been assigned a lower percentage of drift reduction in the updated list of drift-reduction nozzles. The old drift-reduction percentage, as indicated in Table 1.1, remains applicable for these nozzles until 11 April 2025. This transitional measure is envisaged to limit the disadvantages for the operators already in possession of these nozzles.

Table 1.1: Large crops (vertical downward-facing spraying) – Transition period

Brand	Type	Nozzle size	Old percentage of drift reduction according to spraying technique					Valid until
			standard sprayer	air assistance	shielded sprayer boom	row or bed spraying	covered row or bed spraying	
Albuz	CVI twin	ISO 03 - 04	90	90	90	90	90	11/04/2025
Hypro or Lurmark	LD (low drift)	ISO 04 and larger	90	90	90	90	90	11/04/2025
John Deere	PSULDQ	2004A	90	90	90	90	90	11/04/2025
Teejet	AIXR	ISO 05	90	90	90	90	90	11/04/2025
	AITTJ60	ISO 03-04	75	90	90	90	90	11/04/2025

CHAPTER 2: SPRAYING OTHER THAN VERTICAL DOWNWARDS

In fruit crops (orchards), the anti-drift classification takes into account the different combinations of sprayers and nozzles as well as the presence of a hedge or screen between the plot and the surface water (see Table 2a and Table 2b).

For applications in shrubs, the classification of spray nozzles for arable crops (see Table 1) can be used, as well as the classification of certain sprayers and hedges in fruit cultivation (see Table 2a and Table 2b). The classification is based on the direction of the spraying stream (for spray directed towards the soil see Table 1; for spray directed towards the vertical hedge see Table 2a and Table 2b).

For the cultivation of hops, the anti-drift classification takes into account the different combinations of sprayers and nozzles as well as the presence of a hedge or screen between the plot and the surface water (see Table 2a and Table 2b).

The note ‘(*hops)’ in Table 2a below means that in hops cultivation, the use of air mixing nozzles combined with a one-sided treatment of the two outer rows (i.e. towards the centre of the plot, no nozzle should spray towards the surface water) allows a drift reduction of 90 %. Thus, one of the two rings of nozzles has to be covered.

Table 2a: Orchards/Hop (other than vertically downward spraying): no hedge or anti-drift screen

Brand	**Type**	**Nozzle size**	**Percentage of drift reduction according to spraying technique**			
			No hedge or anti-drift screen			
			Classic sprayer: An axial or centrifugal air-assisted sprayer with air deflector plates and hydraulic nozzles	**Cross-flow sprayer**: An air-assisted sprayer with a semi-horizontal air outlet obtained by means of individual nozzles or a closed housing	**Cross-flow sprayer equipped with green detection sensors**, these sensors must be switched on **Hail nets** (completely closed)	**Tunnel sprayer**: a spraying system with full boom coverage and with air and fluid recirculation **Cross-flow sprayer with reflection screens or collector device**
Agrifac	Type D3-21		50 %	50 %	75 %	99 %
Agrotop	Airmix no drift	ISO 025 and larger sizes	50 % (* hops)	50 % (* hops)	75 % (* hops)	99 %
	Airmix AM	ISO 02 and larger sizes	50 % (* hops)	50 % (* hops)	75 % (* hops)	99 %
	TD	ISO 015 and larger sizes	50 % (* hops)	50 % (* hops)	75 % (* hops)	99 %
	TurboDrop TDXL	ISO 025 and larger sizes	50 % (* hops)	50 % (* hops)	75 % (* hops)	99 %
Albuz	ADE	Red and larger sizes	50 %	50 %	75 %	99 %
	AVE	Yellow and larger sizes	50 % (* hops)	50 % (* hops)	75 % (* hops)	99 %
	AVI	80-01 and larger sizes	75 % (* hops)	75 % (* hops)	90 % (* hops)	99 %
	AVI Twin	04	50 % (* hops)	50 % (* hops)	75 % (* hops)	99 %
	CVI	80-01 and larger sizes	75 %	75 %	90 %	99 %
	TVI	80-0050	75 %	75 %	90 %	99 %
		80-0075	75 %	75 %	90 %	99 %
		80-01 and larger sizes	90 %	90 %	99 %	99 %
	ADI	110-03 and larger sizes	50 %	50 %	75 %	99 %

Brand	**Type**	**Nozzle size**	**Percentage of drift reduction according to spraying technique**			
			No hedge or anti-drift screen			
			Classic sprayer: An axial or centrifugal air-assisted sprayer with air deflector plates and hydraulic nozzles	**Cross-flow sprayer**: An air-assisted sprayer with a semi-horizontal air outlet obtained by means of individual nozzles or a closed housing	**Cross-flow sprayer equipped with green detection sensors**, these sensors must be switched on **Hail nets** (completely closed)	**Tunnel sprayer**: a spraying system with full boom coverage and with air and fluid recirculation **Cross-flow sprayer with reflection screens or collector device**
Billirecay	Bubblejet	ISO 03-05	50 % (* hops)	50 % (* hops)	75 % (* hops)	99 %
Cleanacres	Airtec	035-050	50 %	50 %	75 %	99 %
Hardi	ISO LD	03 and larger	50 %	50 %	75 %	99 %
	LD 4110	Red and larger	50 %	50 %	75 %	99 %
	MD 110	ISO 02-05	50 % (* hops)	50 % (* hops)	75 % (* hops)	99 %
	S Injet	ISO 015 and larger sizes	50 % (* hops)	50 % (* hops)	75 % (* hops)	99 %
Hypro or Lurmark	DB	ISO 015 and larger sizes	50 % (* hops)	50 % (* hops)	75 % (* hops)	99 %
	LD	03 and larger sizes	50 %	50 %	75 %	99 %
John Deere	Twin Fluid	35 and larger sizes	50 %	50 %	75 %	99 %
Lechler	AD	90-01 and larger sizes	75 %	75 %	90 %	99 %
	ID	90-01 and larger sizes	75 % (* hops)	75 % (* hops)	90 % (* hops)	99 %
	IDK	90-0067 and larger sizes	75 % (* hops)	75 % (* hops)	90 % (* hops)	99 %
	IDKN	ISO 04	50 % (* hops)	50 % (* hops)	75 % (* hops)	99 %
	IDN	ISO 025 and larger sizes	50 % (* hops)	50 % (* hops)	75 % (* hops)	99 %
	ITR	80-01 and larger sizes	75 %	75 %	90 %	99 %

Brand	**Type**	**Nozzle size**	**Percentage of drift reduction according to spraying technique**			
			No hedge or anti-drift screen			
			Classic sprayer: An axial or centrifugal air-assisted sprayer with air deflector plates and hydraulic nozzles	**Cross-flow sprayer**: An air-assisted sprayer with a semi-horizontal air outlet obtained by means of individual nozzles or a closed housing	**Cross-flow sprayer equipped with green detection sensors**, these sensors must be switched on **Hail nets** (completely closed)	**Tunnel sprayer**: a spraying system with full boom coverage and with air and fluid recirculation **Cross-flow sprayer with reflection screens or collector device**
Teejet	AI	ISO 015 and larger sizes	75 % (* hops)	75 % (* hops)	90 % (* hops)	99 %
	AITX A/B	80-015 and larger	75 %	75 %	90 %	99 %
	DG	80-02 and larger sizes	75 %	75 %	90 %	99 %
	DG	110-03 and larger sizes	50 %	50 %	75 %	99 %
	TT	03 and larger sizes	50 %	50 %	75 %	99 %
	TTI	015 and larger sizes	50 % (* hops)	50 % (* hops)	75 % (* hops)	99 %
	Twinfluid TKSS	35 and larger sizes	50 %	50 %	75 %	99 %
all nozzles not listed in this table including swirl nozzles			**0 %**	**0 %**	**50 %**	**90 %**

Table 2b: Orchards/Hop (other than vertically downward spraying): hedge on the edge of the plot or anti-drift screen

Brand	**Type**	**Nozzle size**	**Percentage of drift reduction according to spraying technique**			
			Hedge on the edge of the plot or anti-drift screen			
			Classic sprayer: An axial or centrifugal air-assisted sprayer with air deflector plates and hydraulic nozzles	**Cross-flow sprayer**: An air-assisted sprayer with a semi-horizontal air outlet obtained by means of individual nozzles or a closed housing	**Cross-flow sprayer equipped with green detection sensors**, these sensors must be switched on **Hail nets** (completely closed)	**Tunnel sprayer**: a spraying system with full boom coverage and with air and fluid recirculation **Cross-flow sprayer with reflection screens or collector device**
Agrifac	Type D3-21		without a blade: 75 % with blade: 90 %	without a blade: 75 % with blade: 90 %	without a blade: 90 % with blade: 99 %	99 %
Agrotop	Airmix no drift	ISO 025 and larger sizes	without a blade: 75 % with blade: 90 %	without a blade: 75 % with blade: 90 %	without a blade: 90 % with blade: 99 %	99 %
	Airmix AM	ISO 02 and larger sizes	without a blade: 75 % with blade: 90 %	without a blade: 75 % with blade: 90 %	without a blade: 90 % with blade: 99 %	99 %
	TD	ISO 015 and larger sizes	without a blade: 75 % with blade: 90 %	without a blade: 75 % with blade: 90 %	without a blade: 90 % with blade: 99 %	99 %
	Turbo-Drop TDXL	ISO 025 and larger sizes	without a blade: 75 % with blade: 90 %	without a blade: 75 % with blade: 90 %	without a blade: 90 % with blade: 99 %	99 %
Albuz	ADE	Red and larger sizes	without a blade: 75 % with blade: 90 %	without a blade: 75 % with blade: 90 %	without a blade: 90 % with blade: 99 %	99 %
	AVE	Yellow and larger sizes	without a blade: 75 % with blade: 90 %	without a blade: 75 % with blade: 90 %	without a blade: 90 % with blade: 99 %	99 %

Brand	**Type**	**Nozzle size**	**Percentage of drift reduction according to spraying technique**			
			Hedge on the edge of the plot or anti-drift screen			
			Classic sprayer: An axial or centrifugal air-assisted sprayer with air deflector plates and hydraulic nozzles	**Cross-flow sprayer**: An air-assisted sprayer with a semi-horizontal air outlet obtained by means of individual nozzles or a closed housing	**Cross-flow sprayer equipped with green detection sensors**, these sensors must be switched on **Hail nets** (completely closed)	**Tunnel sprayer**: a spraying system with full boom coverage and with air and fluid recirculation **Cross-flow sprayer with reflection screens or collector device**
	AVI	80-01 and larger sizes	without a blade: 90 % with blade: 99 %	without a blade: 90 % with blade: 99 %	without a blade: 99 % with blade: 99 %	99 %
	AVI Twin	04	without a blade: 75 % with blade: 90 %	without a blade: 75 % with blade: 90 %	without a blade: 90 % with blade: 99 %	99 %
	CVI	80-01 and larger sizes	without a blade: 90 % with blade: 99 %	without a blade: 90 % with blade: 99 %	without a blade: 99 % with blade: 99 %	99 %
	TVI	80-0050	without a blade: 90 % with blade: 99 %	without a blade: 90 % with blade: 99 %	without a blade: 99 % with blade: 99 %	99 %
		80-0075	without a blade: 90 % with blade: 99 %	without a blade: 90 % with blade: 99 %	without a blade: 99 % with blade: 99 %	99 %
		80-01 and larger sizes	without a blade: 99 % with blade: 99 %	without a blade: 99 % with blade: 99 %	without a blade: 99 % with blade: 99 %	99 %
	ADI	110-03 and larger sizes	without a blade: 75 % with blade: 90 %	without a blade: 75 % with blade: 90 %	without a blade: 90 % with blade: 99 %	99 %

Brand	**Type**	**Nozzle size**	**Percentage of drift reduction according to spraying technique**			
			Hedge on the edge of the plot or anti-drift screen			
			Classic sprayer: An axial or centrifugal air-assisted sprayer with air deflector plates and hydraulic nozzles	**Cross-flow sprayer**: An air-assisted sprayer with a semi-horizontal air outlet obtained by means of individual nozzles or a closed housing	**Cross-flow sprayer equipped with green detection sensors**, these sensors must be switched on **Hail nets** (completely closed)	**Tunnel sprayer**: a spraying system with full boom coverage and with air and fluid recirculation **Cross-flow sprayer with reflection screens or collector device**
Billirecay	Bubblejet	ISO 03-05	without a blade: 75 % with blade: 90 %	without a blade: 75 % with blade: 90 %	without a blade: 90 % with blade: 99 %	99 %
Cleanacres	Airtec	035-050	without a blade: 75 % with blade: 90 %	without a blade: 75 % with blade: 90 %	without a blade: 90 % with blade: 99 %	99 %
Hardi	ISO LD	03 and larger	without a blade: 75 %	without a blade: 75 %	without a blade: 90 %	99 %
	LD 4110	Red and	without a blade: 75 %	without a blade: 75 %	without a blade: 90 %	99 %
	MD 110	ISO 02-05	without a blade: 75 % with blade: 90 %	without a blade: 75 % with blade: 90 %	without a blade: 90 % with blade: 99 %	99 %
	S Injet	ISO 015 and larger sizes	without a blade: 75 % with blade: 90 %	without a blade: 75 % with blade: 90 %	without a blade: 90 % with blade: 99 %	99 %
Hypro or Lurmark	DB	ISO 015 and larger sizes	without a blade: 75 % with blade: 90 %	without a blade: 75 % with blade: 90 %	without a blade: 90 % with blade: 99 %	99 %
	LD	03 and larger sizes	without a blade: 75 % with blade: 90 %	without a blade: 75 % with blade: 90 %	without a blade: 90 % with blade: 99 %	99 %
John Deere	Twin	35 and	without a	without a blade:	without a	99 %

Brand	**Type**	**Nozzle size**	**Percentage of drift reduction according to spraying technique**			
			Hedge on the edge of the plot or anti-drift screen			
			Classic sprayer: An axial or centrifugal air-assisted sprayer with air deflector plates and hydraulic nozzles	**Cross-flow sprayer**: An air-assisted sprayer with a semi-horizontal air outlet obtained by means of individual nozzles or a closed housing	**Cross-flow sprayer equipped with green detection sensors**, these sensors must be switched on **Hail nets** (completely closed)	**Tunnel sprayer**: a spraying system with full boom coverage and with air and fluid recirculation **Cross-flow sprayer with reflection screens or collector device**
	Fluid	larger sizes	blade: 75 % with blade: 90 %	75 % with blade: 90 %	blade: 90 % with blade: 99 %	
Lechler	AD	90-01 and larger sizes	without a blade: 90 % with blade: 99 %	without a blade: 90 % with blade: 99 %	without a blade: 99 % with blade: 99 %	99 %
	ID	90-01 and larger sizes	without a blade: 90 % with blade: 99 %	without a blade: 90 % with blade: 99 %	without a blade: 99 % with blade: 99 %	99 %
	IDK	90-0067 and larger sizes	without a blade: 90 % with blade: 99 %	without a blade: 90 % with blade: 99 %	without a blade: 99 % with blade: 99 %	99 %
	IDKN	ISO 04	without a blade: 75 % with blade: 90 %	without a blade: 75 % with blade: 90 %	without a blade: 90 % with blade: 99 %	99 %
	IDN	ISO 025 and larger sizes	without a blade: 75 % with blade: 90 %	without a blade: 75 % with blade: 90 %	without a blade: 90 % with blade: 99 %	99 %
	ITR	80-01 and larger sizes	without a blade: 90 % with blade: 99 %	without a blade: 90 % with blade: 99 %	without a blade: 99 % with blade: 99 %	99 %
Teejet	AI	ISO 015	without a blade: 90 %	without a blade: 90 %	without a blade: 99 %	99 %

Brand	**Type**	**Nozzle size**	**Percentage of drift reduction according to spraying technique**			
			Hedge on the edge of the plot or anti-drift screen			
			Classic sprayer: An axial or centrifugal air-assisted sprayer with air deflector plates and hydraulic nozzles	**Cross-flow sprayer**: An air-assisted sprayer with a semi-horizontal air outlet obtained by means of individual nozzles or a closed housing	**Cross-flow sprayer equipped with green detection sensors**, these sensors must be switched on **Hail nets** (completely closed)	**Tunnel sprayer**: a spraying system with full boom coverage and with air and fluid recirculation **Cross-flow sprayer with reflection screens or collector device**
		and larger sizes	with blade: 99 %	with blade: 99 %	with blade: 99 %	
	AITX A/B	80-015 and larger	without a blade: 90 % with blade: 99 %	without a blade: 90 % with blade: 99 %	without a blade: 99 % with blade: 99 %	99 %
	DG	80-02 and larger sizes	without a blade: 90 % with blade: 99 %	without a blade: 90 % with blade: 99 %	without a blade: 99 % with blade: 99 %	99 %
	DG	110-03 and larger sizes	without a blade: 75 % with blade: 90 %	without a blade: 75 % with blade: 90 %	without a blade: 90 % with blade: 99 %	99 %
	TT	03 and larger sizes	without a blade: 75 % with blade: 90 %	without a blade: 75 % with blade: 90 %	without a blade: 90 % with blade: 99 %	99 %
	TTI	015 and larger sizes	without a blade: 75 % with blade: 90 %	without a blade: 75 % with blade: 90 %	without a blade: 90 % with blade: 99 %	99 %
	Twinfluid TKSS	35 and larger sizes	without a blade: 75 % with blade: 90 %	without a blade: 75 % with blade: 90 %	without a blade: 90 % with blade: 99 %	99 %
all nozzles not listed in this table including swirl nozzles			**without a blade: 50 % with blade:**	**without a blade: 50 % with blade:**	**without a blade: 75 % with blade:**	**99 %**

Brand	**Type**	**Nozzle size**	**Percentage of drift reduction according to spraying technique**			
			Hedge on the edge of the plot or anti-drift screen			
			Classic sprayer: An axial or centrifugal air-assisted sprayer with air deflector plates and hydraulic nozzles	**Cross-flow sprayer**: An air-assisted sprayer with a semi-horizontal air outlet obtained by means of individual nozzles or a closed housing	**Cross-flow sprayer equipped with green detection sensors**, these sensors must be switched on **Hail nets** (completely closed)	**Tunnel sprayer**: a spraying system with full boom coverage and with air and fluid recirculation **Cross-flow sprayer with reflection screens or collector device**
			90 %	**90 %**	**90 %**	

CHAPTER 3: CONVERSION OF THE SIZE OF THE BUFFER ZONE AS A FUNCTION OF THE APPLIED DRIFT REDUCTION

The size of the buffer zone (2, 5, 10, 20, 30 metres) and the percentage of drift reduction (50, 75, 90 %) that must be respected are indicated on the label of the plant protection product. Professional users can adjust the buffer zone according to the product they apply and the material at their disposal (see Table 3a and Table 3b).

Table 3a: Width of buffer zones - Buffer zones for field spraying - arable and vegetable crops (vertical downwards spraying)

	Buffer zones indicated on the label						
	Buffer zone of 2 m with classic technique	*Buffer zone of 5 m with classic technique*	*Buffer zone of 10 m with classic technique*	*Buffer zone of 20 m with classic technique*	*Buffer zone of 20 m with 50 % drift reduction technique*	*Buffer zone of 20 m with 75 % drift reduction technique*	*Buffer zone of 20 m with 90 % drift reduction technique*
Equivalent buffer zones for drift reduction sprayers/devices							
Classic technique	**2 m**	**5 m**	**10 m**	**20 m**	30 m	40 m	200 m
50 % drift reduction	1 m	2 m	5 m	10 m	**20 m**	30 m	40 m
75 % drift reduction	1 m	2 m	2 m	5 m	10 m	**20 m**	30 m
90 % drift reduction	1 m	1 m	1 m	1 m	5 m	10 m	**20 m**

Table 3b: Width of buffer zones - Buffer zones for vertical crops (other than vertical downward spraying) (*)

	Buffer zones indicated on the label						
	Buffer zone of 5 m with classic technique	*Buffer zone of 10 m with classic technique*	*Buffer zone of 20 m with classic technique*	*Buffer zone of 20 m with 50 % drift-reducing technique*	*Buffer zone of 20 m with 75 % drift-reducing technique*	*Buffer zone of 20 m with 90 % drift-reducing technique*	*30 m buffer zone with 90 % drift-reducing technique*
Equivalent buffer zones for drift reduction sprayers/devices/hedges/screens							
Classic technique	**5 m**	**10 m**	**20 m**	30 m	40 m	50 m	150 m
50 % drift reduction	3 m	5 m	15 m	**20 m**	30 m	40 m	75 m
75 % drift reduction	3 m	3 m	10 m	15 m	**20 m**	30 m	50 m
90 % drift reduction	3 m	3 m	5 m	10 m	15 m	**20 m**	**30 m**
99 % drift reduction	3 m	3 m	3 m	3 m	3 m	3 m	10 m

(*) : For applications on soil (e.g. herbicides), see previous table (buffer zones for sprayers)

To be annexed to the Ministerial Decree of (date) laying down drift reduction agents or measures.

The Minister for Agriculture,

David CLARINVAL