



APPLICATION GUIDELINES FOR VEGETABLE CROPS – 2018/19

Nozzles

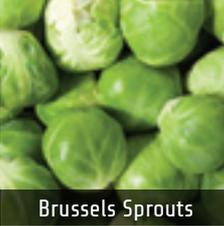


Herbicides

Timing	Water volume l/ha	Best nozzle	Reduced drift option	Notes
Pre-emergence good seedbed	200	3D nozzle spraying forwards and backwards	Teejet TTI 110-05 or Lechler ID3 120-05	
Pre-emergence cloddy seedbed	200-400	3D nozzle spraying forwards and backwards	Teejet TTI 110-05 (90% DRT) or Lechler ID3 120-05	Cloddy seedbeds reduce weed control. Even coverage on both sides of clods achieved with angled nozzles
Post-emergence soil applied	200-400	Syngenta vegetable nozzle 06 or 08	AMISTAR nozzle	Narrow angle fan best for reducing spray retained on crop leaves
Graminicide	100-200	3D nozzle spraying forwards and backwards	AMISTAR nozzle	Angled sprays typically double the spray retained on grass weeds
Broad-leaved weeds	200-300	AMISTAR nozzle	Teejet TTI 110-05 (90% DRT)	Increasing water volume increases droplet size reducing spray retention on crops such as alliums

Turn over to find out more >

Fungicides & Insecticides

Crop	Growth stage	Water volume l/ha	Best nozzle	Reduced drift option	Notes
 Cabbage	Small open	100–200	AMISTAR nozzle	AMISTAR nozzle	Run-off is the enemy of small plants
	Hearted	300–800	Syngenta vegetable nozzle 06 or 08		
 Brussels Sprouts	Small open	100–200	AMISTAR nozzle	AMISTAR nozzle	Run-off is the enemy of small plants
	Large	300–500	Lechler ID3	Lechler ID3	For deposition onto the buttons and lower leaves we recommend Lechler ID3, 300 l/ha, consider using an approved adjuvant oil especially when crops have significant wax
 Onions	Small	100–200	3D nozzle, angle spray forwards and backwards	Teejet TTI 110-05 or IDTA 120-05	Coverage, run-off and missing the target are issues with onions. Angled nozzles increase coverage and deposition
	Large	200	Teejet TTI 110-05 or IDTA 120-05		Using air induction nozzles increases droplet size and increases penetration and coverage deeper in the crop canopy. Consider using an approved adjuvant which can help increase coverage and deposition
 Carrots	Small	100–200	3D nozzle or Syngenta potato nozzle 04 or 05	AMISTAR nozzle	Carrots are good at catching spray. Angling nozzles e.g. Twin Cap will give best results
	Large	300–400	Syngenta vegetable nozzle 06 or 08	Syngenta vegetable nozzle 06 or 08	65° fan the best for penetrating to crown
 Lettuce	Small open	100–200	AMISTAR nozzle	AMISTAR nozzle	Run-off is the enemy of small plants
	Hearted	300–800	Syngenta vegetable nozzle 06 or 08	Syngenta vegetable nozzle 06 or 08	
 Leeks	Small	100	3D nozzle, angle spray forwards and backwards	Twin cap conventional nozzle in front, air induction in rear	Coverage, run-off and missing the target are the issues for leeks. Angled spray is important. High volumes = run-off. If targeting thrips in shaft use the AMISTAR nozzle. The addition of an adjuvant also helps
	Large	200–300	Syngenta potato nozzle 04 or 05		Angle spray forwards and backwards
 Cauliflower	Small pre-curd	200–300	Syngenta potato nozzle 05	AMISTAR nozzle	Run-off is the enemy of small plants
	Developing curds		Syngenta potato nozzle 05 or Syngenta vegetable nozzle 06	Syngenta vegetable nozzle 06 or 08	If leaves are the target use the potato nozzle, if curds are the target use the vegetable nozzle
Applications through fleece	N/A	300	Syngenta vegetable nozzle 06	Syngenta vegetable nozzle 06 or 08	
 Asparagus	Fern application	250–350	Twin Cap Syngenta vegetable nozzle and standard flat fan nozzle alternating or a dropleg sprayer with standard flat fan nozzle	AMISTAR nozzle	Keep water volume below 350 l/ha to avoid run-off
 Courgettes	Small plants pre-fruit	200	Standard flat fan nozzle	AMISTAR nozzle	Run-off is the enemy of small plants
	Large fruiting plants	200–300	Standard flat fan nozzle or Droplegs with standard nozzle		