









Nozzle type	Air induction		Conventional				Low drift (pre-orifice)				
Nozzle design	Flat fan		Flat fan			Hollow cone		Flat fan		Inclined fan	
Spray quality	'Finer'	'Coarser'	Fine	Medium	Coarse	Fine	Medium	Medium	Coarse	Medium	Coarse
Likely drift potential	Low	Low	High	Med/low	Low	High	High	Low	Low	Medium	Low
HYPRO nozzle example <i>(Use Hypro nozzle tables to select the appropriate nozzle size and pressure)</i>	 Guardian Air*	 ULD/Drift Beta	 Hypro Flat fan and VP	 Flat fans	 Hollow cone	 Disc&cone	 Hypro Lo-Drift	 Guardian			
Soil-acting herbicides											
Pre and early post emergence	▲	▲		▲	▲			▲	▲	▲	▲
Foliage-acting herbicides											
Small grasses (<3 leaves)			▲▲	▲		▲	▲				
Grasses (>3 leaves)	▲		▲	▲▲				▲		▲	
Broad leaved weeds (up to 2 cm across)			▲▲	▲▲							
Broad leaved weeds (2 - 5 cm across)	▲▲		▲	▲▲			▲			▲	
Broad leaved weeds (>5 cm across)	▲▲▲			▲▲			▲	▲		▲	
Large weeds: non-selective (e.g. glyphosate)	▲▲▲	▲		▲▲	▲			▲▲	▲	▲	▲
Cereal PGRs and eyespot fungicides											
Pre and post GS32	▲▲▲			▲▲				▲		▲	
Cereal fungicides											
T ₀ - up to GS23	▲▲		▲	▲▲			▲	▲		▲	
T ₁ and T ₂ - GS 24-49	▲▲▲	▲	▲	▲▲			▲	▲		▲	
T ₃ - after GS50 (ear spray)	▲▲▲			▲▲			▲				
Cereal insecticides											
Autumn	▲		▲	▲▲			▲				
Ear spray	▲▲		▲▲	▲		▲	▲				
Oilseed rape fungicides											
Vegetative phase	▲		▲	▲▲			▲	▲		▲	
From green bud	▲▲▲		▲	▲▲			▲	▲		▲	
Oilseed rape insecticides											
Vegetative phase			▲	▲▲			▲				
From green bud	▲▲▲		▲▲	▲		▲	▲				

* Developed from the Syngenta **Amistar**  nozzle.

Always refer to the product label or *latest application advice* from the agrochemical manufacturer.