



Please note that physical compatibilities may not be approved tank-mixes. The tests do not check for any adverse crop phytotoxicity or for the biological efficacy of the individual components when applied in a tank-mix. Bayer CropScience gives no warranty and accepts no liability in respect of physical compatibilities; therefore, use is at grower's own risk.

Helix may be applied in specified tank-mixtures. The matrix charts the recommended Herbicide, PGR and Fungicide compatibilities.

Please note that only tank mixtures selected from a single column and a single row are recommended, e.g. Helix + Swift SC + Eagle.

In exceptional circumstances where spraying is delayed in winter wheat, Helix may be mixed with 1 compatible BLW herbicide (NOT Atlantis WG, Hussar or fops) and 1 PGR from those shown as compatible below provided the mix is not excluded in any other tank-mix list. Multi-mixes may increase the risk of slight scorch. Particular care should be taken with Moddus mixes where more than 0.1 L/ha is used, although including Adjust may help to safen the mixture.

In Winter or Spring Barley, if spraying delays are unavoidable, Helix + Swift SC may be mixed with 1 compatible BLW herbicide and 1 PGR (NOT Moddus) provided the mix is not excluded by any other tank-mix list.

Fungicides	Fungs			Herbicides																Plant Growth Regulators																	
	Arizona	Fortress	Flexity	Atlantis WG + biopower	Attribut	Boxer	Capture	Chekker	Cheetah Super / Triumph + Toil	Duplosan	Eagle	Foundation	Grasp + Output	Harmony M SX	Hussar	Jubilee SX	Oxytril CM	Presite SX	Quantum SX	Sekator	Starane / Starane XL	Tomahawk + Spartan	Topik + Actipron / Toil	Traton SX	Adjust	Cerone	Chlormequat	Cyclade + Spartan	5C Cycocel	chlormequat+ Moddus †	Moddus +/- Adjust	Meteor	Meteor + Moddus	Terpal + Agral	Upgrade		
Helix		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Helix + Amistar		✓	✓			✓	✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Helix + Tucana		✓	✓			✓	✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Helix + Fortress						✓	✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Helix + Quell Flo																								✓	✓												
Helix + Swift	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ Compatible	✗ Not compatible
Blank: not known	† At rates specified below

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- In addition to the tank-mix recommendations on page 1, Helix can also be tank-mixed with one additional product from either of the lists of insecticides or micro-nutrients.
- Do not mix Helix + Hussar, or Helix + Atlantis WG + biopower with micro-nutrients or insecticides. Do not mix Helix + Meteor with micronutrients**

Insecticides	Micronutrients			
Aphox	Headland Mn 15%	Verdi-Crop Zinc	YaraVita Mancozin	YaraVita Sulpur F3000
Cypermethrin	Headland Respond	YaraVita Coptrel 500	YaraVita ManCuflo	YaraVita Zintrac 700
Decis	Headland Spirit	YaraVita Croplift	YaraVita Mantrac 500	
Fury 10 EW	Verdi-Crop Human Xtra +/- Headland Copper 435	YaraVita Foliar Potash	YaraVita Mantrac DF	
Hallmark	Verdi-Crop Magnor	YaraVita Liquid Mantrac 15%	YaraVita Phosamco	
Mavrik	Verdi-Crop Sitec	YaraVita Magflo 300	YaraVita Photrel	
Sumi-Alpha	Verdi-Crop Sulpha N	YaraVita Magphos K	YaraVita Stopit	

Additional tank-mixes					
Helix + Cerone + Opera	Helix + Justice	Helix + Quell Flo + Adjust + Meteor	Helix + Quell Flo + Chimera + Human Extra	Helix + Quell Flo + Traxos + Toil	Helix + Swift SC + Adjust + Axial + Adigor (add Adigor last)
Helix + Cerone + Silvacur	Helix + Imtrex	Helix + Quell Flo + Barton + Human Extra	Helix + Quell Flo + mecoprop	Helix + Quell Flo + Triumph + Toil	Helix + Zulu

Tank-mix precautions

PGR tank mixtures

Helix + strobilurin may be applied, before crop GS32, in mixture with one of the following (dose/ha): -

Moddus 0.2L + chlormequat 1.25L (winter wheat)

Moddus 0.1L + chlormequat 1.25L (winter barley – light soils or malting crops)

Moddus 0.2L + chlormequat 1.25L (winter barley – Other soils and feed crops)

Before using any of the mixtures shown above, first check the manufacturer's latest recommendations for Moddus. DO NOT use Helix + strobilurin + Moddus + chlormequat on Spring Barley.

Adjuvants

In soft crops avoid the use of tank-mixtures with HBNS, Atlantis WG + biopower or Pacifica + biopower. In particular, tank mixtures with EC fungicide formulations as this may result in transitory adverse crop effects.

Cheetah Super, Grasp or Topik

Adjuvant oil recommended by the herbicide manufacturer may be added in mixes with Helix + strobilurin. Do NOT use any of these herbicides in mixes with Helix + strobilurin + Moddus + chlormequat

Trace Elements

These products are physically compatible only, there is no information on crop safety available

General Precautions

For any tank-mix it is important that the appropriate manufacturer's recommendations should be consulted and followed, and care taken to ensure that applications are made within the recommendations for each product. First disperse Helix in the spray tank (follow label 'Mixing' instructions), then add the other product(s), unless specified otherwise. All mixes should be sprayed immediately and agitated throughout until the spray tank is empty. The user should ensure that all products to be tank-mixed with Helix are approved for use on the crops which are to be sprayed. Always check individual product labels for any possible restrictions before making a tank-mix recommendation.

Contact Bayer CropScience Limited for full details.

* Recent Changes	
14/02/2007	Helix + Cerone + Opera and Helix + Cerone + Silvacur added.
13/01/2010	Helix plus Quell Flo, Adjust and Traton SX added
24/05/2010	Helix + Quell Flo plus additional products
21/03/2013	Chlorothalonil tank-mixes withdrawn
10/02/2015	Imtrex and Zulu fungicides added
19/5/2015	Chekker herbicide added
05/05/2020	Arizona added

