

IMITOL™ + CoAXium® DRIVEN BY Aggressor®

Introducing the ImiTol™ + CoAXium® herbicide tolerance system for barley

The world's first dual herbicide tolerant barley production system, combining ImiTol™ & CoAXium® tolerance traits.

- + **CoAXium®** herbicide tolerance has been deployed in barley varieties Titan AX[®] and PegasusAX[®]
- + **ImiTol™** herbicide tolerance works just like the Clearfield® tolerance found in many barley and wheat varieties, including Maximus[®] CL and Bigfoot CL[®].

What herbicides can be used?

- + Imidazolinone herbicides (including Nufarm Intercept®, Group 2 Imazamox and Imazapyr)
- + Sipcam Aggressor® herbicide (Group 1 Quizalofop-P-Ethyl)

How can each herbicide be applied?

- + Both herbicides can be used in-crop, according to label instructions
 - Nufarm Intercept®
 - Sipcam Aggressor®
- + Tank mixing both herbicides is not recommended.
 - Note: Use of both herbicides in the same crop has not been evaluated for crop safety.

What weeds are controlled?

- + Imidazolinone herbicides offer post-emergent knockdown and residual control of many major grass and broadleaf weeds.
- + Sipcam Aggressor® offers post-emergent knockdown of susceptible populations of major grass weeds including brome grass and barley grass. Aggressor® herbicide has no soil residue carry-over.
- + Both herbicides control non-herbicide tolerant volunteer wheat and barley in-crop.

How does this system fit within a cropping program?

- + Dual herbicide tolerant barley varieties allow increased flexibility:
 - May be planted following a Clearfield® or imidazolinone herbicide tolerant crop to mitigate risk of residual carry-over
 - Aggressor® herbicide may then be used in-crop to control susceptible grass weeds
 - Either, or both herbicides may be used in-crop for weed control

How do I control volunteers in next year's crop?

- + There are a number of strategies that growers can use to control volunteers of barley varieties carrying the ImiTol™ + CoAXium® herbicide tolerance traits.

Please refer to the ['Controlling volunteer barley'](#) tech sheet.

What varieties hold ImiTol™ + CoAXium® tolerance?

- + AGT-Bunyip IA[®] is the first barley variety in the world to hold tolerance to both chemistries.
 - A similar plant type and maturity to Maximus[®] CL
 - Compact plant type, offering better standability than taller varieties such as Titan AX[®]
 - Higher yielding than the most widely grown variety Maximus[®] CL, with very wide adaptation
 - Potential malt quality, has entered the Grains Australia malt accreditation program
 - The 'IA' suffix used in the name indicates the herbicide tolerance (I=ImiTol™, A=CoAXium®)