There are over 40 chemicals that can be found in Plant Growth Regulators (PGRs). Daminozide is one of them; it was withdrawn based on unacceptably high cancer risks to consumers. Say no to PGRs.

For more information visit www.nopgrs.com.au

Good reasons NOT to use PGRs!

1. They can cause cancer
2. They contain many harmful chemicals to humans
3. They are not to be used on cut flowers when successive crops are grown in the same soil/compost
4. They are not to be re-used in potting media from already treated plants for subsequent crops
5. You need to wear protective clothing (rubber gloves, face mask and a lab coat) at all times during use
6. They are chemicals so contaminated clothing must not come in contact with food
7. You need to avoid inhaling the solution when using and if skin contamination does occur, wash immediately with water

I used a common PGR to enhance growth of my plant however the flavour of my tomatoes decreased enormously.

Tim
**Say no to PGRs**

Plant Growth Regulators (PGRs) are chemicals that regulate plant growth. Plant hormones found in PGRs are not nutrients but chemicals that promote and influence growth in plants. PGRs fall under the definition of an agricultural chemical product.

Brands that you may be familiar with that are Product Growth Regulators commonly found on the shelf in hydroponic stores include CYCO (A), Bonza Bud and U-Turn.

There are over 40 chemicals that can be found in PGRs; Daminozide is one of them. In 1989 it was withdrawn by the manufacturer after the U.S. Environmental Protection Agency proposed banning it based on unacceptably high cancer risks to consumers. Also in 1989, it became illegal to use Daminozide on food crops in the US.

**Buying PGRs or other hydroponic chemicals in Australia**

Agricultural chemical products that might typically be supplied by hydroponic stores and fall under the definition of an agricultural chemical product include: plant growth regulators (PGRs) or products that contain plant growth regulating chemicals, such products can also be described as nutrients, growth boosters, vitamins, hormones and bloom enhancers, algaecides, water treatments, insect repellents, disinfectants, sanitisers.

**How do I know if a product is registered?**

To check if a product is registered you need to check the label on the product. Labels on registered products carry an APVMA or NRA approval number. This number is typically found at the base of the rear label panel on the main container. The approval number contains the product number, the pack size identifier and the month and year of initial registration. A typical example might be: APVMA (or NRA): 54321 /1kg10909.

The PUBCRIS database on the APVMA website [apvma.gov.au](http://apvma.gov.au) contains a listing of all registered chemical products in Australia and is a useful tool for checking a product’s registration details.

If a product label does not have an APVMA or NRA approval number the product may not be registered.

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**Say No to PGRs and claim $50**


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1. Daminozide (Alar) Pesticide Canceled for Food Uses | EPA History | US EPA