

INFORMATION TO HARNESS AND THOROUGHBRED TRAINERS: RESEDA LUTEOLA AS A SOURCE OF AMINOREX

Trainers are advised to be extremely cautious allowing horses access to plants that contain Aminorex close to racing as this may inadvertently lead to a detection of the prohibited substance in samples. **Access includes the ability to lick, chew and ingest plants containing Aminorex that may be in the horse's environment** including in the paddock and yards.

Aminorex is a prohibited substance under the Australian Harness Racing Rules (AHRR) & Australian Rules of Racing (AR).

Aminorex is a stimulant which acts on the central nervous system. Aminorex can be produced following the ingestion of certain plants. Exposure to *Reseda luteola*, commonly known as Dyer's weld, Dyer's weed or Wild mignonette may lead to the detection of Aminorex in a sample.

Examples of *Reseda luteola*



This plant is recorded in most states of Australia and is commonly found in Tasmania, particularly along roadsides, river banks (riparian), in degraded pastures and other disturbed sites. Distribution in Tasmania is reasonably widespread. The plant is known to flower most of the year. Seasonal variation means the plant may be more attractive to grazing at certain stages of growth or times of the year.

This is one of several plants capable of producing Barbarin, the precursor to Aminorex. These are commonly found in the Brassica type plants and have varying levels of production. *Reseda luteola* has been confirmed by Racing Analytical Services Limited (RASL) as containing Aminorex.

Trainers are put on notice that environmental contamination (through ingestion of plants) will not necessarily be considered a significant penalty mitigating factor for presentation of a horse with Aminorex in a sample in the future. Trainers are advised to take measures to ensure that racing horses do not have access to any sources of Aminorex.

Further information regarding *Reseda luteola* can be found at:
<https://bie.ala.org.au/species/https://id.biodiversity.org.au/node/apni/2898583>

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For further information

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