



TECH SHEET:

Lucerne

THIS IS A GUIDE ONLY. ALWAYS READ AND FOLLOW PRODUCT LABELS. IF IN DOUBT, PLEASE CALL AGPRO NZ OR A SUITABLY QUALIFIED TFO.

Good weed control is essential for high lucerne yields and good stand life. Weeds can also affect the palatability and feed value of lucerne silage and hay and can harbour insect pests.

Lucerne weed control can be split into two distinct periods – weed control during establishment and weed control during the productive life of the stand. During establishment it is critical to control all weeds since they can negatively impact stand density. Note that while some herbicides can be used in both establishing lucerne and mature stands, some of the chemicals used for weed control during the establishment phase are different to those used in mature stands. Check with AGPRO.

For established stands, herbicide selection should be based on weed species present so be constantly alert to changing weed problems and their densities in the field. The ideal time to check for weeds is during the late autumn to early spring when lucerne growth rate is low. The decision to use herbicides for weed control in established lucerne should be based on the amount and type of weeds present and the lucerne stand density. Mowing prevents weed seed production and causes perennial weeds to grow from roots. Repeated mowing can suppress some persistent weeds by gradually reducing their root reserves.

At AGPRO we have a full range of herbicides available for weed control in lucerne. Lucerne doesn't get attacked



by pests like brassica crops do, however we have added several insecticides to cover possible pest outbreaks.

Details of herbicide and insecticide options in a programme for control of a range of weeds/pests can be found below. Always refer to an agricultural chemical manual and read the manufacturer's instructions prior to applying products. Often a broader range of weed species can be controlled using a tank-mixed combination of two or more herbicides. Refer to an AGPRO staff member or a suitably qualified TFO. When using any crop protection product always follow the manufacturer's instructions for rate and timing of application and product mixing carefully. Also ensure that any product withholding periods are carefully observed.

AGPRO HORTICULTURE
Freephone 0508 536 536
for technical assistance

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SUGGESTED AGPRO SPRAY PROGRAMME

Make your paddock selection as early as possible, noting what weeds are present. We are happy to discuss the correct sprayout option, and to receive pictures from your smart phone, should you have problems ID the weeds. General rule of thumb is sprayout 8-10 weeks prior to planting.

Product	Application timing	Purpose	Rate/ha	Comments
AGPRO Glyphosate 510	Pre-cultivation or prior to crop emerging	Removes unwanted weeds	1-1.5L/ha	Check weeds / Add AGPRO Wilt 700
Triflalin	Soil incorporate prior to planting	Residual weed control 2-3 months	1.7-2.1L/ha	Grass and broadleaf weeds

SUGGESTED PROGRAMME POST CROP EMERGENCE AT BETWEEN 3-5 LEAF STAGE OF CROP:

Product	Application timing	Purpose	Rate/ha	Comments
Equate	From 2-4 leaf stage of crop	Controls a large range of seedling weeds	400ml/ha	Add AGPRO Wetter Penetrant
AGPRO Flumetsulam	From 3-4 leaf stage of crop	Knockdown of broadleaf weeds	50-60g/ha	Add AGPRO Wetter Penetrant

SUGGESTED PROGRAMME AT DORMANT CROP STAGE:

Product	Application timing	Purpose	Rate/ha	Comments
AGPRO Paraquat	Dormant stage of lucerne	Removes any troublesome weeds	1.6-2.4L/ha	Add suitable residual tank partner
AGPRO Atrazine	Dormant stage of lucerne	Mix with Paraquat	1-2L/ha	Check specific weeds
AGPRO Terbutylazine	Lucerne must be minimum 12 months old	Mix with Paraquat	1.5-2L/ha	Check specific weeds
AGPRO Hexagran	Dormant stage	Mix with Paraquat	1.2-1.8kg/ha	Troublesome weeds and thistles

NB: As all three RESIDUALS above cover a different range of weeds, choose carefully as to the most appropriate partner to be applied/mixed with the Paraquat.

OTHER SPECIFIC CROP OPTIONS:

Product	Application timing	Purpose	Rate/ha	Comments
AGPRO Haloxyfop	2-3 leaf stage of crop/ grass weed any stage	Controls all grass weeds	600ml-3.75L/ha	Application rate vs grass species – add Crop oil
Grasadim	2-3 leaf stage of crop/ grass weed any stage	Controls all grass weeds	170-670ml/ha	Application rate vs grass species – add Crop oil
AGPRO Bentazone	Autumn application to specific weeds	Controls certain broadleaf weeds	1.5-4L/ha	Check label for specifics
Asucane	Spring to autumn application	Spot/broadcast treatment of docks	3-4L/ha	Check label for specific timings
Piraphid Xtra	At first sign of aphids	Controls all species of field aphids	250g/ha	Add AGPRO Wetter Penetrant

Notes: All products mentioned above are registered under the ACVM Act 1997.

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