



**TECH SHEET:**

## **Maize**

Maize grain and silage acts as a “break crop” on dairy farms and can be an important component of planned improvement of a farm’s feed supply, either directly through the high potential DM yield of the maize crop itself and/or through the improved pasture resulting from a planned cropping rotation.

Sowing location, sowing date, hybrid choice and population will all influence the potential yield of the crop. Potential yield can be reduced by weed and pest presence, moisture stress, disease and nutrient limitations.

Depending on whether the crop is grown for silage or grain it’s important to talk to whoever you intend selling the crop to timing wise. Once that timing is established there are plenty of professionals within the seed companies to best advise maize grain or silage varieties suitable for your area, planting and harvest times, and the crops nutritional requirements.

At AGPRO we are happy to discuss your paddock selection, based on the history of the paddock, previous cropping, weed or pest issues that may be known, and we can then best advise the most appropriate sprayout.



**AGPRO HORTICULTURE**  
**Freephone 0508 536 536**  
*for technical assistance*

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### SUGGESTED SPRAY PROGRAMME

The AGPRO programme below aims to give a guide on how to get the best “keep the crop clean” from weed control, taking care of pest issues, and making sure you get the best out of your crop.

Product	Application timing	Purpose	Rate/ha	Comments
AGPRO Glyphosate 510	Prior to planting or straight after drilling	Grass and broadleaf weeds	2.5-3L/ha	Add Wilt 700 Penetrant
AGPRO Acetochlor	Straight after seeding	3-4 month residual weed control	3-3.5L/ha	Suitable tank partner
AGPRO Mesotrione	Tank mix with Acetochlor	Residual spectrum grass and broadleaf weeds	350-500ml/ha	Check soil type / rates
Diazate	Add to Glyphosate pre-planting	Control of aphids, caterpillars and thrips	1L/ha	Straight after seeding

### SUGGESTED PROGRAMME POST-EMERGENCE (specific options as required):

Product	Application timing	Purpose	Rate/ha	Comments
AGPRO Lambda Cyhalothrin	After crop emerges monitor plants	Cutworm damage	40ml/ha	Monitor crop
AGPRO Mesotrione	Crop 3-6 leaf stage / weed seedlings	Remove all germinated weeds	150-200ml/ha	Add a suitable tank partner
AGPRO Atrazine 500ai	Crop 3-6 leaf stage / weed seedlings	Crop 3-6 leaf stage / weed seedlings	800ml-1.25L/ha	Add a suitable tank partner
AGPRO Dicamba	Crop 3-6 leaf stage / weed seedlings	Crop 3-6 leaf stage / weed seedlings	200-600ml/ha	Check weed spectrum
AGPRO Nicosulfuron	Crop 3-6 leaf stage / weed seedlings	Harder to kill range of grass/broadleaf weeds	50-110g/ha	Refer to the label – weeds vs application rates
AGPRO Cloralid	Crop 3-10 leaf stage	Specific range of weeds, thistles and volunteer potatoes	0.5-1L/ha	Refer to the label – weeds vs application rates
AGPRO Azoxystrobin	After flowering / up to tasselling	Leaf blight and rust	1L/ha	Monitor crop reinfection – max 2 applications
Mancowall	At first sign of disease	Northern leaf blight	2.1L/ha	Monitor crop reinfection – add wetter penetrant

#### Notes:

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

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