



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



AGPRO DIRECT

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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.

STRAIGHT AFTER PLANTING PRIOR TO CROP EMERGENCE:

Product	Application timing	Purpose	Rate/ha	Comments
AGPRO Glyphosate 510	After planting	Cleanup	1-1.5L/ha	Removes seedling weeds
AGPRO Hipro	Add to Glyphosate	Controls certain hard to kill weeds	40g/ha	See label for specifics
AGPRO Acetachlor	After seeding	3-4 month residual weed control	3-3.5L/ha	Apply early after seeding
AGPRO Mesotrione	Mix with Glyphosate	Prevents weed germination	300-400ml/ha	Apply early after seeding
AGPRO Imidacloprid	Mix with Glyphosate	Prevention of pest damage	300ml/ha	Mix and apply with above

SUGGESTED PROGRAMME POST EMERGENCE (specific options as required):

Product	Application timing	Purpose	Rate/ha	Comments
AGPRO Lambda	7-10 days after emerg	Control of cutworm	40-60ml/ha	Best applied late evening
AGPRO Diazate	Early post emerg or up to 14 days before harvest	Controls a range of pests	1L/ha	Determine pest before application
AGPRO Mesotrione	5-6 leaf/20cm high	Control seedling grass/broadleaf weed	200-300ml/ha	Apply with Atrazine
AGPRO Atrazine	5-6 leaf/20cm high	Control of broadleaf weed	1.5-3L/ha	Best applied in a mix
AGPRO Dicamba	5-6 leaf/20cm high	Control of broadleaf weed	400-600ml/ha	Can be harder on the crop
AGPRO Nicosulfuron	Up to 30-40cm high	Control range of grass/broadleaf weed	50-80g/ha	Check label for specifics
AGPRO Cloralid	From 30cm high	Thistles, bath-bur volunteer potatoes	500ml-1L/ha	Check label for specifics

The products listed above fit into a general Maize management spray programme which will vary on planting times, NZ region, and assessment by a qualified technical field officer or crop advisor after viewing the crop. AGPRO NZ can help with these specific options after discussion with the client. Please refer to all product labels, your crop advisor or contact AGPRO on 0508 536 536.



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