



**AGPRO
DIRECT**

TECH SHEET:

Winter Lettuce Production

Lettuce has traditionally been a cool season crop and is normally grown from March through to September. However most growers now can plant lettuce all year round with better varieties, choice of production site, trying to achieve better overall price for lettuce during the summer and winter months.

ENVIRONMENTAL REQUIREMENTS

Optimum temperatures for lettuce growing are ± 16 °C. They can endure a light frost but a heavy frost before harvest can scorch the wrapper leaves and heads, leading to collapse and or disease to follow. Varying conditions i.e. extreme hot and cold temperatures can affect the formation of lettuce heads and may lead to bolting. The growing period for lettuce in summer varies from 40 to 50 days and in winter 60 – 85 days. Lettuce is sensitive to acid soils and prefers a soil pH range of 5.9 – 6.5.

LETTUCE CULTIVAR CHOICE

There are now a range of varieties suited for different growing periods. Consult your nurseryman or seed supplier as to what varieties are suited to the months you are growing and your region.

At AGPRO we have a full range of crop protection products starting with the “spray out” with herbicides, residual weed control, and very importantly the fungicide and insecticide programme ensuring clean and marketable lettuce.



AGPRO HORTICULTURE
Freephone 0508 536 536
for technical assistance

THE VALUE OF EXPERIENCE



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SUGGESTED AGPRO 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.

SPRAYOUT YOUR CROPPING LAND AND OLD PASTURE:

Product	Application timing	Purpose	Rate/ha	Comments
AGPRO Glyphosate 510	Sprayout early	Remove any weed competition	3-5L/ha	Add 500ml Rapidstart/ha
CIPC	Pre transplanting	Residual weed control	6-11L/ha	Check organic carbon levels
AGPRO Pendimethalin 400	Pre transplanting	Residual grass and broadleaf control	2-4L/ha	Use higher rate on heavy soils

SUGGESTED PROGRAMME POST EMERGENCE (from 3-4 weeks after transplanting):

Product	Application timing	Purpose	Rate/ha	Comments
Propyzamide	3-4 leaf weeks after transplant	Residual action grass and broadleaf	2.5-3.5L/ha	Apply before weeds emerge
AGPRO Carbendazim	Within 2 weeks of transplanting	Early prevention of sclerotinia	2L/ha	Apply prior to rain
AGPRO Piraphid Xtra	At sign of aphids	Kills aphids, prevents virus establishing	250g/ha	Apply with fungicide, 3 day w/p
AGPRO Chlorothalonil	Every 7-14 days	Prevents most pathogens establishing	2.1L/ha	Apply alone or in a tank mix
AGPRO Captan	At sign of leaf spot	Prevention of disease establishment	2-4kg/ha	Apply alone or in a tank mix
AGPRO Dimethomorph	At first sign of downy mildew	Systemic control, prevention of spread	360ml/ha	Apply with suitable protectant
AGPRO Carbendazim	At sign of botrytis	Early prevention of botrytis	500ml-1L/ha	Apply prior to or after rain
AGPRO Copper Star	At first sign of bacterial infections	Hardens leaves, prevents bacteria forming	500ml-1kg/ha	Apply in combination with protectant

OTHER CHEMICAL OPTIONS:

Always add AGPRO Latex 520 to the above fungicide applications, to give better spreading and adhesion of products especially through spells of wet weather.



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