



PRODUCTION GUIDELINES FOR 1 HECTARE OF PAPRIKA

For a direct seeded crop up to 2kgs of seed per ha is required

About a 120 square metre area of seedbed is required to raise seedlings enough to cover one hectare in the lands

Plant population is normally 55000 - 65000 plants per hectare however for a late planted crop it may range from 60000 - 70000 plants per hectare

The between row spacing is normally 0.3 - 0.4m and the within row spacing is 0.1 - 0.2m. Use closer spacings for late planted crop

Transplanting should be done from September to late November, For a direct seeded crop its from September to early December. Early planted crop needs irrigation

Paprika needs about seven months of growing period to achieve its full potential

Soil analysis is essential for correct fertilization. Paprika is a shallow rooted crop therefore it needs to be fed a little and more often hence the need for split top dressings

NB. Quite a number of products in this particular guideline are not yet registered on Paprika but they are being used successfully. Check with the buyers as to what products can be used & when to apply thus avoiding the possibility of your crop being turned down due to MRL's and Global GAPS issues!

Yield target is generally about 2 - 3 tons/ha. Yields of up to 12 ton/ha can be achieved with increased fertilizer application and Good Agricultural Practices (GAPS)

Fertilizer requirements		Product	Rate/ha	Application Details
Base dressing	Compound L	(4:17:11)	600kgs	All at planting
Top dressing	Ammonium nitrate	A/N 34.5%	300kgs	At 5,10 & 14 weeks
Top dressing	Muriate of Potash	MOP (60% K20)	200kgs	At 5,10 & 14 weeks
Top dressing	Calcium sulphate	Gypsum	400kgs	Apply before flowering
Herbicides, Fungicides, Insecticides				
Problem	Product	Application rate	Application / comments	Product for 1 ha
Grasses &	Kalif/Clomazone	1.75lt/ha	Apply Immediately after transplanting	1.75lt
Broadleaf	Alachlor/Laso	3.0 - 4.0lt/ha	Apply Immediately after transplanting	3 - 4lt
weeds	S-Metolachlor/Dual	1.2lt/ha	Apply Immediately after transplanting	1.2lt
Grasses only	Gallant super	0.6 - 2.4lt	Post emergent herbicide against grasses ONLY.	0.6 - 2.4lt
	Agil	0.5 - 2lt	Post emergent herbicide against grasses ONLY.	0.5 - 2lt
B/Ls & Sedges	Basagran/Bentazone	2.0 - 3.0 lt/ha	Post emergent directed spray between the rows	2 - 3lt
Crop dessication	Glyphosate/Roundup	2.5 - 3.0lt/ha	Up to 21 days for defoliation	2.5 -3lt
Aphids	Thunder	0.3lt/ha	Apply as a high volume spray using about 250lt of mixture/ha	0.3lt
	Dimethoate	0.2lt/ha	Apply as a high volume spray using about 250lt of mixture/ha	0.2lt
Cutworms	Lambda cyhalothrin	0.1lt/100lt of water	Drench with cup 30 per plant	0.2lt
	Fenvelerate	0.1lt/100lt of water	Drench with cup 30 per plant	0.2lt
Heliothis bollworm	Lufenuron 50EC	0.3lt/100lt of water	Spray at onset of infestation on hatching eggs. Repeat as necessary	0.6lt
	Thunder	0.3lt/ha	Apply as a high volume spray using about 250lt of mixture/ha	0.3lt
Use Lambda cyhalothrin & Fenvelerate as above. ALWAYS OBSERVE & RESPECT THE PYRETHROID WINDOW				
Aphids & Thrips	Malathion 25wp	1.5 -2kgs/ha	Apply as a high volume spray in about 500 litres of mixture per hectare	1.5 -2kgs
Red Spider Mites	Mitac 20EC	1 - 1.5lt/ha	Apply as a high volume spray in about 500 litres of mixture per hectare	1lt
	Dicofol 18.5EC	0.5lt/ha	Apply as a high volume spray in about 500 litres of mixture per hectare	0.5lt
Anthracnose	Chlorothalonil/Bravo	1lt/ha	Apply as a full Cover Spray, Repeat as necessary at 10 -14 day intervals	2lt
	Dithane	1kg/ha	Apply as a full Cover Spray, Repeat as necessary at 10 -14 day intervals	1kg
	Copper Oxychloride	1kg/ha	Apply as a full Cover Spray, Repeat as necessary at 10 -14 day intervals	1kg



Bacterial spot	Copper Oxychloride	1.5kg/ha	Apply as a full Cover Spray, Repeat as necessary at 10 -14 day intervals	1.5kg
Powdery	Wettable Sulphur	1kg/ha	Apply as a preventative treatment only, Mix 200 g/100 lt water	1kg
Mildew	Benomyl 50wp	0.5kg/ha	Apply as a curative measure, Apply 500lt of mixture per ha	0.5kg
<p>Apply foliar sprays with calcium based fertilizers to curb blossom end rot since it is a calcium based deficiency, you also need to apply a growth stimulant</p> <p><i>As highlighted above Paprika has just a few registered products, these products are only suggestions as they have been working effectively for most growers to date. THIS IS NOT AN ORDER. Agricura does not condone the use of unregistered products for unregistered uses and therefore accepts no responsibility whatsoever for any crop damage injury or loss of any kind as a result of using a product on a crop for which it is not registered.</i></p>				
<p>This being a food crop please strictly adhere to Pre-Harvest Intervals (PHI's) or else you risk your crop being condemned</p>				

Approximately 12.5 x 16 litre knapsacks will cover 1 hectare and apply 200 litres of water

ALWAYS READ LABELS BEFORE USING THE PRODUCTS

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