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Crop Guide – Onions

PLEASE REMEMBER TO ALWAYS READ THE LABEL BEFORE USING ANY CHEMICAL

Fertilizer Program

This is a broad outline for the fertilization of onions. Recommendations will vary depending on specific soil samples.

PLANT

Use NPK 10.24.20 at 800-1000kg/ha depending on soil analysis

GROWTH STAGE	10.24.20	GREENGOLD	UNICA CALCIUM	Foliar Leaf Sprays						N	P2O5	K2O	Ca	Mg	S	B
				VEGGIE STARTER	MAP TECH	VEGGIE GROW	VEGGIE FRUIT	MKP	KYNOBOR							
Planting	800kg/ha									80	192	160			42	1.05
Week 2				2kg/ha												
Week 3		150kg/ha								45			19.2			0.32
Week 4				2kg/ha	5kg/ha											
Week 5			200kg/ha							29		70	18			0.32
Week 6			200kg/ha			2kg/ha				29		70	18			0.32
Week 7									750g/ha							
Week 8							2kg/ha	5kg/ha								
TOTAL	800kg/ha	150kg/ha	400kg/ha	4kg/ha	5kg/ha	2kg/ha	2kg/ha	5kg/ha	750g/ha	183	192	300	55.2	0	42	2.01

KYNPOP IS SPRAYED OVER SEEDLINGS PLUGS BEFORE TRANSPLATING IN MIN OF 10% SOLUTION



Chemical Program

PEST / WEED	ACTIVE INGREDIENT	PRODUCT	RATE	COMMENTS
WEEDS				
Pre-Plant	Glysohate	Glysohate SG	1.5-3kgs/ha	Apply prior to planting as a full cover spray or as a spot spray over all germinated weeds. Mix with 80lts water per ha.
Pre-Emergent	Diquat ion	Magquat 37.3%	1-4lts/ha	Full cover spray mix with 200lts water/ha
Germinating Annuals	Dimethenamid-p	Frontier Optima	0.7-1lt/ha	Full cover spray mix with 200lts water/ha. Apply before weed emergence
Post Emergent Inner row shielded	Diquat ion	Magquat 37.3%	1-4lts/ha	Do not spray mixture on the crop
Emerged Broadleaf weeds	Bromoxynil	Bromoxynil 225EC	0.5-1lt/ha	Full cover spray mix with 200lts water/ha. Make 2 applications at an interval of 10-18 days apart
Emerged grasses	Fluazifop-p-butyl	Fusilade Forte	1-2lts/ha	Apply at the 2-5 leaf stage of the grass. Application maybe repeated after an interval of 14 days if required
Yellow nutsedge	Dimethenamid-p	Frontier Optima	0.7-1lt/ha	Full cover spray mix with 200lts water/ha. Apply before weed emergence
Emerged Crop Broadleaf & grasses	Pendimethalin	Prowl	2.2-3.3lts/ha	Apply at 2-6 leaf stage
INSECTS				
Thrips	Deltamethrin	Decis Forte EC	200mls/ha	Do not apply more than once per season
	Lambda-cyhalothrin	Karate Zeon	200mls/ha	Max 3 application per season
	Spirotetramat	Movento	365mls/ha	Full cover spray mix with 200lts water/ha. Mix 2 sprays per season
	Abamectin	Abamiprid	1-2lts/ha	Full cover spray mix with 200lts water/ha. Allow 7 days between applications
	Thiamethoxam	Actara 25WG	200g/ha	Full cover spray mix with 300-500lts water/ha
	Flupyradifurone	Sivanto Prime	1lt/ha	Full cover spray mix with 200lts water/ha
Onion Maggot	Chlorpyrifos	Chlorpyrifos		
	Flupyradifurone	Sivanto Prime	1lt/ha	Full cover spray mix with 200lts water/ha
	Cyantraniliprole	Plesiva Star	270g/ha	Apply as soil application
Leek Moth	Lambda-cyhalothrin	Karate Zeon	200mls/ha	Max 3 applications per season
	Emmamectin Benzoate	Magmectin Ultra Duo	250mls/ha	Full cover spray mix with 200lts water/ha
	Flubendimide	Belt 480SC	75-100mls/ha	Full cover spray mix with 200lts water/ha
DISEASES				

Pythium	Mancozeb + Metalaxyl-M	Ridomyl Gold	3kgs/ha	Apply as soil application
Purple Blotch	Fosetyl-al	Aliette WG	2.8kgs/ha	Max 5 applications
	Mancozeb	Mancozeb 80WP	2.25-3.25kgs/ha	Repeat application every 7-10 days
	Pyraclostrobin + Dimethomorph	Cabrio Duo	1.5-2.5lts/ha	Max 3 application per season. Do not apply more than 2 sprays in succession
Botrytis	Chlorothalonil	Bravo 500	2.4-4.8lts/ha	Max 4 applications
	Pyraclostrobin + Dimethomorph	Carbio Duo	1.5-2.5lts/ha	Max 3 application per season. Do not apply more than 2 sprays in succession
	Mancozeb	Mancozeb 80WP	2.25-3.25kgs/ha	Repeat application every 7-10 days
Downy Mildew	Pyraclostrobin + Dimethomorph	Cabrio Duo	1.5-2.5lts/ha	Max 3 application per season. Do not apply more than 2 sprays in succession
	Azoxystrobin + Difenconazole	Azoxy Duo 325SC	500mls-1lt/ha	Full cover spray mix with 200lts water/ha
	Copper	Cuperderm	3lts/ha	Full cover spray mix with 200lts water/ha