

Detailed Insecticide & Fungicide Program for Potatoes

Hectares

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Time of Application	Application Use	Product	Application Rate	Totals per ha	hectares	Totals	Bond/Swipe Cost/ltr or Kg	Bond/Swipe Cost
Furrow spray before placing seed	Nematicide	Velum 500SC	20mls per 100m row	1.8	1	1.8	\$ 426.00	\$ 766.80
Furrow spray before placing seed	Ants, false wireworm & aphids	Confidor 70WG	300gms per ha	0.3	1	0.3	\$ 106.56	\$ 31.97
Furrow spray before placing seed	Cutworm	Karate Zeon	200mls per ha	0.2	1	0.2	\$ 32.00	\$ 6.40
Week 3 after planting	Caterpillars	Decis Forte	100mls per ha	0.1	1	0.1	\$ 53.00	\$ 5.30
Week 3 after planting	Routine Fungicide	Mancozeb	2.5kgs per ha	2.5	1	2.5	\$ 10.00	\$ 25.00
Week 4 after planting	Leaf Miner	Triguard +	200gms per ha	0.2	1	0.2	\$ 215.00	\$ 43.00
Week 4 after planting	Leaf Miner	Dynamec	500mls per ha	0.5	1	0.5	\$ 89.00	\$ 44.50
Week 4 after planting	Routine Fungicide	Antracol 70WP +	2kgs per ha	2	1	2	\$ 12.80	\$ 25.60
Week 4 after planting	Preventive fungicide	Previcur SL	2lts per ha	2	1	2	\$ 55.00	\$ 110.00
Week 5 after planting	Leaf Miner	Triguard +	200gms per ha	0.2	1	0.2	\$ 215.00	\$ 43.00
Week 5 after planting	Leaf Miner	Dynamec	500mls per ha	0.5	1	0.5	\$ 89.00	\$ 44.50
Week 5 after planting	Routine Fungicide	Mancozeb	2.5kgs per ha	2.5	1	2.5	\$ 10.00	\$ 25.00
Week 6 after planting	Leaf Miner & Aphids	Thunder 145OD	300mls per ha	0.3	1	0.3	\$ 54.00	\$ 16.20
Week 6 after planting	Routine Fungicide	Antracol 70WP +	2kgs per ha	2	1	2	\$ 12.80	\$ 25.60
Week 6 after planting	Early Blight	Folicur EW	500gms per ha	0.5	1	0.5	\$ 28.60	\$ 14.30
Week 7 after planting	Tuber moth & Caterpillars	Belt 480SC +	100mls per ha	0.1	1	0.1	\$ 304.00	\$ 30.40
Week 7 after planting	Whitefly	Calypto SC	300mls per ha	0.3	1	0.3	\$ 139.00	\$ 41.70
Week 7 after planting	Routine Fungicide	Bravo 720 +	1,4lts per ha	1.4	1	1.4	\$ 18.40	\$ 25.76
Week 7 after planting	Early Blight	Nativo 300 SC	500mls per ha	0.5	1	0.5	\$ 56.00	\$ 28.00
Week 8 after planting	Tuber moth & Caterpillars	Belt 480SC +	100mls per ha	0.1	1	0.1	\$ 304.00	\$ 30.40
Week 8 after planting	Whitefly	Calypto SC	300mls per ha	0.3	1	0.3	\$ 139.00	\$ 41.70
Week 8 after planting	Routine Fungicide	Antracol 70WP +	2kgs per ha	2	1	2	\$ 12.80	\$ 25.60
Week 8 after planting	Preventive fungicide	Previcur SL	2lts per ha	2	1	2	\$ 55.00	\$ 110.00
Week 9 after planting	Caterpillars	Decis Forte	100mls per ha	0.1	1	0.1	\$ 53.00	\$ 5.30
Week 9 after planting	Routine Fungicide	Bravo 720 +	1,4lts per ha	1.4	1	1.4	\$ 18.40	\$ 25.76
Week 9 after planting	Early Blight	Nativo 300 SC	500mls per ha	0.5	1	0.5	\$ 56.00	\$ 28.00
Week 10 after planting	Aphids & Whitefly	Cartap	2kgs per ha	2	1	2	\$ 19.00	\$ 38.00
Week 10 after planting	Routine Fungicide	Bravo 720 +	1,4lts per ha	1.4	1	1.4	\$ 18.40	\$ 25.76
Week 10 after planting	Early Blight	Amistar Top	500mls per ha	0.5	1	0.5	\$ 76.80	\$ 38.40
Week 11 after planting	Leaf Miner	Triguard +	200gms per ha	0.2	1	0.2	\$ 215.00	\$ 43.00
Week 11 after planting	Leaf Miner	Dynamec	500mls per ha	0.5	1	0.5	\$ 89.00	\$ 44.50
Week 11 after planting	Routine Fungicide	Antracol 70WP +	2kgs per ha	2	1	2	\$ 12.80	\$ 25.60
Week 11 after planting	Late Blight (leaf & tuber)	Infinito WG	1,6kgs per ha	1.6	1	1.6	\$ 68.40	\$ 109.44
Week 12 after planting	Tuber moth & Caterpillars	Belt 480SC +	100mls per ha	0.1	1	0.1	\$ 304.00	\$ 30.40
Week 12 after planting	Whitefly	Calypto SC	300mls per ha	0.3	1	0.3	\$ 139.00	\$ 41.70
Week 12 after planting	Routine Fungicide	Bravo 720 +	1,4lts per ha	1.4	1	1.4	\$ 18.40	\$ 25.76
Week 12 after planting	Early Blight	Amistar Top	500mls per ha	0.5	1	0.5	\$ 76.80	\$ 38.40
Week 13 after planting	Leaf Miner & Aphids	Thunder 145OD	300mls per ha	0.3	1	0.3	\$ 54.00	\$ 16.20
Week 13 after planting	Routine Fungicide	Antracol 70WP +	2kgs per ha	2	1	2	\$ 12.80	\$ 25.60
Week 13 after planting	Late Blight	Melody Duo WG	2.5kgs per ha	2.5	1	2.5	\$ 30.40	\$ 76.00
Week 14 after planting	Tuber moth & Caterpillars	Karate Zeon +	200mls per ha	0.2	1	0.2	\$ 32.00	\$ 6.40
Week 14 after planting	Aphids & Whitefly	Acetamidrid	100gms per ha	0.1	1	0.1	\$ 24.00	\$ 2.40
Week 14 after planting	Late Blight (leaf & tuber)	Infinito WG	1,6kgs per ha	1.6	1	1.6	\$ 68.40	\$ 109.44
Week 15 after planting	Tuber moth & Caterpillars	Decis Forte	100mls per ha	0.1	1	0.1	\$ 53.00	\$ 5.30
Week 15 after planting	Routine Fungicide	Antracol 70WP	2kgs per ha	2	1	2	\$ 12.80	\$ 25.60
							Total	\$ 2,347.69

Insecticides Spray rates in 200 to 500lts water per hectare

Insecticides Sprays to include Aqua Right 5 & Aquastatic

Fungicide Sprays at high volume at least 400lts water per Hectare

Copper Oxchloride/Hydroxide is a bacterial agent and can be included with foliar ferts rather than with fungicides