



Production Requirements for 1 hectare of Wheat

Seed requirements per hectare: Generally require between 100 - 120 kgs of seed depending on planting method

Planting time: Early May to Early June, depending with the Agro-ecology

Yield/Ha: Ranges from 4 - 8 tonnes per ha, depending on variety, fertilisation, pest and disease management (Good Agronomic Practices)

Fertilizer requirements	Product	Rate/ha	Nitrogen	Phosphate	Potash	Sulphur	Comments
Basal dressing: Agricura Compound D	7:14:7	450 kgs	32	63	32	40	All applied at planting. Applied at planting Apply half at 4WAE & the remainder at 7-8WAE
Potash	MOP(60% K ₂ O)	100 kgs			60		
Top Dressing	Ammonium Nitrate	400 kgs	138				
OR		Total	170	63	92	40	
Agricura Double D	14:28:14	250 kgs	35	70	35	5	All applied at planting. Applied at planting Apply half at 4WAE & the remainder at 7-8WAE
Potash	MOP(60% K ₂ O)	100 kgs			60		
Top Dressing	Ammonium Nitrate	400 kgs	138				
		Total	173	70	95	5	

Herbicides, Insecticides, Fungicides

Problem	Product	Application rate	Application details
Broadleaf weeds	Bentazone/Basagran 48EC MCPA Granstar 75DF Dicamba/Banvel	3 - 5 lt/ha 3.0 lt per ha 15 grms/hectare + wetter 250 - 300mls per ha	Applied at 3-4 leaf stage of crop. Suppresses sedges Applied at 3 - 5 leaf stage of crop Apply at 3 - 5 leaf stage of crop Weeds should be no more than 4 leaves
Grasses	Puma Super 120EC	180 - 300mls per ha	Annual and perennial grasses, volunteer maize. Dose depends on weed height
Aphids	Dimethoate 40 EC Thunder Chlopyrifos 48EC	560mls per hectare 300mls per hectare 750mls per ha	Repeat as necessary, do not apply after piping stage F.C.S in 300 lts of water, apply when infestation is seen from mid tiller and or booting stage Spray when aphid population is increasing
Stem rust	Propiconazole/Tilt	500mls per ha	Apply at onset of infection and repeat 3-4 weeks later if disease pressure continues
Loose smut and Smuts	Agricura Special Fungicide Triadimenol/Baytan	150grms/100 kgs of seed 150grms/100 kgs of seed	Seed dressing Seed dressing
Powdery Mildew	Azoxystrobin Triademenol	500 - 600mls per ha 400mls per hectare	F.C.S in 150 - 300 litres of water. Repeat as necessary Apply when first signs of disease are visible, repeat 3-4 weeks later if pressure continues
Termites	Carbaryl 85WP	625grams/hectare	Full Cover Spray, Repeat as necessary
White flies	Acetamiprid	30grams/hectare	F.C.S Repeat as necessary
Fall armyworm	Avaunt/Steward	250mls/hectare	Apply at first signs of infection, as a F.C.S, repeat as necessary
A/armyworm	Cartap hydrochloride	800grms/hectare	Apply at first signs of infection, as a F.C.S, repeat as necessary
Bollworms	Belt Lannate/Methomyl Acephate	38mls/hectare 330grams/hectare 650grams	Apply at first signs of infection, as a F.C.S, repeat as necessary Apply at first signs of infection, as a F.C.S, repeat as necessary Apply at first signs of infection, as a F.C.S, repeat as necessary
	Carbaryl 85WP	1kgs/hectare	F.C.S Repeat as necessary
Copper deficiency	Copper oxychloride	1kgs/hectare	F.C.S on light sands apply 7 - 8WAE through irrigation
LBG, beetles, weevils	Actellic Gold Dust	25grms/50 kgs of grain	Mix 25grams/50kgs of grain or 500grms/ton of grain

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

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ALWAYS READ LABELS BEFORE USING THE PRODUCTS

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