

Crop Guide – Maize

PLEASE REMEMBER TO ALWAYS READ THE LABEL BEFORE USING ANY CHEMICAL

Fertilizer Program

AIMING FOR 10 TONS/HA

Gypsum	500kgs/ha
Kynoch Cereal Blend (6.28.23)	350kgs/ha
Kynopop	10kgs/ha
Solubar	2kgs/ha
Urea	400kgs/ha
Ammonium Sulphate	100kgs/ha
Muriate of Potash	80kgs/ha
Maize Oemff	5kgs/ha

- Gypsum broadcast on prior to planting
- Blend applied at planting
- Kynopop applied on seed at planting
- Apply Solubar at 2kgs/ha through pivot at planting
- Urea - 100kgs/ha when maize is 30cms in height, 100kgs when maize in 1m in height and 200kgs/ha just before tussling
- Maize Oemff is sprayed on at not more than 5% concentration at 6-12 leaf stage
- Ammonium Sulphate & Muriate of Potash applied during silking through the pivot

CULTURAL PRACTISES

- Aim for 60,000 plants per ha with a row spacing of 75cm for your irrigated maize
- Apply Gaucho on seed at 125g/50kg seed
- Apply Dual Magnum at 1,5lts per hectare with Karate Zeon at 200mls/ha with Aquaright 5 at 100mls/ha just before planting through pivot
- Apply Stellar Star at 1 lt/ha over top of crop as soon as broadleaf weeds emerge. Add Accent at 50mls/ha for shamva grass (not on seed maize)
- Apply Cycocel at 2lts/ha after 30 days through pivot
- Apply Ampligo at 250mls/ha or Cartap at 1kg/ha at first sign of fall army wormApply Thiodan through pivot at 1lt/ha at first sign of stalkborer.
- Apply Confidor 70 WG at 250g/ha if any sign of termites
- Apply Ortiva 250 SC at 600mls/ha at 45 days for Northern leaf blight.
- Apply Folicur 250EC at 500mls/ha at 60 days and at 85 days for Northern leaf blight.
- Apply Benomyl at 500g/ha during silking through pivot for fusarium
- Apply Karate Zeon at 120mls/ha for Heliothis at first sign of damage.

Maize Herbicides

TIMING	SEED MAIZE / GRAIN MAIZE	SOIL TYPE / CLAY %	FOLLOW CROP	CHEMICAL NAME	ACTIVE SUBSTANCE	WEEDS CONTROL	RECOMM- ENDED RATE/HA	VOLUME REQUIRED (L/KG)
Clean-up	Seed maize & grain	n/a	n/a	Glysofate	Glysofate	All – nonselective	3	3
Clean-up	Seed maize & grain	n/a	n/a	Gramoxone	Diquat	All – nonselective	1.5	1.5
Clean-up	Seed maize & grain	n/a	n/a	Basta	Glufosinate	All – nonselective	3	3
Pre- Emergent	Seed maize & grain	Heavy >30	Tobacco	Dual Magnum	Metolachlor	Nutsedge, grass	1.2	1.2
Pre- Emergent	Seed maize & grain	Heavy >30	Tobacco	Frontier Optima	Dimethenamid	Nutsedge, grass	1.2	1.2
Pre- Emergent	Seed maize & grain	Heavy >30	Maize/Wheat	Integrity	Kixor + Dimethenamid	B-leaf, grasses	1	1
Pre- Emergent	Grain only	Heavy >30	Maize/Wheat	Pendimethalin	Pendimethalin	Shamva grass	3	3
Pre- Emergent	Seed maize & grain	Heavy >30	Maize/Wheat	Atrazine	Atrazine	B-Leaf	5	5
Pre- Emergent	Seed maize & grain	Med 20-30%	Tobacco	Dual Magnum	Metolachlor	Nutsedge, grass	1	1
Pre- Emergent	Seed maize & grain	Med 20-30%	Tobacco	Frontier Optima	Dimethenamid	Nutsedge, grass	1	1
Pre- Emergent	Seed maize & grain	Med 20-30%	Maize, Wheat	Integrity	Kixor + Dimethenamid	B-leaf, grasses	1	3
Pre- Emergent	Grain only	Med 20-30%	Maize, Wheat	Pendimethalin	Pendimethalin	Shamva grass	3	1
Pre- Emergent	Seed maize & grain	Med 20-30%	Maize, Wheat	Atrazine	Atrazine	B-Leaf	4	4
Pre- Emergent	Seed maize & grain	Light <20	Tobacco	Dual Magnum	Metolachlor	Nutsedge, grass	0.9	0.9
Pre- Emergent	Seed maize & grain	Light <20	Tobacco	Frontier Optima	Dimethenamid	Nutsedge, grass	0.8	0.8
Pre- Emergent	Seed maize & grain	Light <20	Maize, Wheat	Integrity	Kixor + Dimethenamid	B-leaf, grasses	1	1

Pre-Emergent	Seed maize & grain	Light <20	Maize, Wheat	Atrazine	Atrazine	B-Leaf	4	4
Pre-Emergent	Seed maize & grain	>20%	Tobacco	Laudis + Atrazine	Tembotrione + Atrazine	Grass, B-leaf	0.180 + 1	1.18
Pre-Emergent	Seed maize & grain	Light <20	Maize, Wheat	Laudis + Atrazine	Tembotrione + Atrazine	Grass, B-leaf	0.180 + 1	1.18
Pre-Emergent	Seed maize & grain	all	all	Laudis + Buctril	Tembotrione + Bromoxynil	Grass, B-leaf	0.180 + 0.75	0.93
Pre-Emergent	Grain only	all	all	Stella Star	Topramezone + Dicamba	Grass, B-leaf	1	1
Pre-Emergent	Seed maize & grain	all	all	Buctril	Bromoxynil	B-Leaf	0.9	0.9
Pre-Emergent	Seed maize & grain	all	all	Basagran	Bentazon /Bendioxide	Nutsdge	3	3
Pre-Emergent	Seed maize & grain	all	all	Servian	Halosulfuron	Nutsedge	0.05	0.05
Pre-Emergent	Grain only	all	all	Accent	Halosulfuron	Shamva grass	0.045	0.045
Lay by	Grain only	>15%	Maize, Wheat	Metribuzin + Diquat	Metribuzin + Diquat	Lay by	0.6 + 1	1.6
Lay by	Grain only	Light <15%	Maize, Wheat	Metribuzin + MCPA	Metribuzin + MCPA	Lay by	0.15 + 0.5	0.65
Lay by	Seed maize & grain	all	all	Gramoxone	Diquat	Lay by nonselective	2	2
Lay by	Seed maize & grain	all	all	Basta	Glufosinate	Lay by nonselective	3	3

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