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nutrimaster

Grow like a Pro

Winter Cereal Spray Recommendation



Opti chem
OPTIMISE YOUR GROWTH

Fertiliser Requirement

Fertiliser Type	Product	Remarks	Rate (kg/ha)
Soil Corrective Measure	Prilled Micronised Calcitic Lime	Applied pre or post planting via spinning disc.	As per soil analysis
Soil Corrective Measure	Prilled Micronised Gypsum	Applied pre or post planting via spinning disc	As per soil analysis
Basal fertiliser	Urea 46% N	Applied at planting for Stover management if following maize via fertigator or spinning disc.	100kgs
Basal fertiliser	Nutrimaster Cereal blend 6:28:20 with Si	Applied at planting with drill or spinning disc.	420kgs
Basal fertiliser	or Nutrimaster Cereal blend 6:23:23 with SI	Applied at planting with drill or spinning disc.	525kgs
Top dressing	Urea 46% N	Applied as 200kg/ha @ day 17 after 1st germination cycle & 200kg/ha @ day 25 after 1st germination cycle via fertigator or spinning disc.	400kgs
Top dressing	Ammonium Sulphate (AmSo4)	Apply with MOP Tech at flag leaf emergence via fertigator	100kgs
Top dressing	Muriate of Potash (MOP)	Apply with AmSo4 Soluble at flag leaf emergence via fertigator or spinning disc.	40kgs
Foliar Fertiliser	Nutristarter	Apply as a full cover spray via chemigator at 90% crop emergence.	4l
Foliar Fertiliser	Nutrigrow	Apply as a full cover spray via chemigator @ 1lt/ha for 4 weeks from full canopy until flowering.	4l
Foliar Fertiliser	Nutribloom	Apply as a full cover spray via chemigator @ 1lt/ha for 4 weeks from flowering until hard dough stage.	4l

Biological and Seed Dressing

Description	Product	Remarks	Rate (kg/ha)
Fusarium, Pythium, Rhizoctonia control	Trichotech WP (Trichoderma asperellum strain H22 CFU 8*10(9) count)	Apply via fertigator or boomsprayer at +/- day 8 after planting.	125g/150kg seed
Early control of Aphids and Soil pests	Seed Optimiser (Imidacloprid)	Apply as a seed dressing with the Rise P	175ml/150kg seed
Plant growth promoting microbe	Rise P Bacillus amyloliquefaciens strainT 45)	Apply as a seed dressing with the Seed Optimiser.	150g/ 150kg seed
30% Zinc + 30% Manganese plus Ecklonia maxima which supplies auxins and cytokinins.	Active 30-30	Apply as a seed dressing with the Seed Optimiser.	750ML/ 150kg seed
Soil Corrective Tonic	Foliarel OK, Zinc Chelate & Copper Chelate	Apply 2kg/ha of the Foliarel Ok with 300g/ha of Zn & Cu Chelate respectively at planting via boom sprayer or fertigator.	2kg, 300g, 300g

Herbicides

Pre-emergent Herbicides			
Annual, perennial grasses and all broadleafed weeds	Glyphosate 41SL	Apply to emerged weeds pre-germination via boomsprayer or chemigator - always add Aquatic Buff @ 50ml/ha & ARD @ 2kg/ha	2lt
Annual, perennial grasses and all broadleafed weeds	Optichem Glyphosate 70 WDG	Apply to emerged weeds pre-germination via boomsprayer or chemigator - always add Aquatic Buff @ 50ml/ha & ARD @ 2kg/ha	1lt
Pre-emergent control of Avena sp. - wild oats, Lolium sp. - ryegrass & Phalaris minor - little seeded canary grass	Spike 85 WG (Pyroxasulfone)	Apply to clean seedbed PRIOR to target weeds and crop emergence via boom sprayer or **FERTIGATOR.**	120ml

Post-emergent Herbicides			
For broadleaf weed control including Volunteer Soya, Euphorbia spp. and Japanese Sunflower.	MCPA 40SL - NO Aquatic Buff!	Apply over the top of the crop via boom sprayer or chemigator - **NOT BEFORE** the 3 leaf stage of the crop!. **DO NOT add Aquatic Buff** at 50ml/ha.	2lt
For broadleaf weed control with better kill of Volunteer Soya, Euphorbia and Japanese Sunflower.	Bromoxynil 225EC - No Aquatic Buff	Apply over the top of the crop via boom sprayer or chemigator - **NOT BEFORE** the 3 leaf stage of the crop!. **DO NOT add Aquatic Buff at 50ml/ha.**	1lt
For broadleaf weed control including Volunteer Soya.	Metri (Metsulforon + Tribenuron)	Apply over the top of the crop via boom sprayer or chemigator - **NOT BEFORE** the 3 leaf stage of the crop!. Add Aquatic Buff at 50ml/ha.	150g
Post emergent control of Avena sp. - wild oats, Lolium sp. - Ryegrass & Phalaris minor - little seeded canary grass	Axial (Pinoxaden)	Apply at 3-4 leaf stage of the target species via boom sprayer or chemigator - **DO NOT use in combination with MCPA or Bromoxynil!** Add Aquatic Buff @ 50ml/ha & ARD @ 2kg/ha.	1lt
Control of Vol maize and grasses.**Can not be mixed with other herbicides!** Always plan for two applications	Fenoxaprop-P-ethyl	Apply over the top of the crop via boom sprayer or chemigator as soon as a good target species flush is observed. Add Aquatic Buff at 50ml/ha.	500ml
Growth Regulant			
Apply as a full cover spray to reduce lodging.	Fortius 250 EC (Trinexapac-ethyl)	Apply via boomsprayer,chemigator or drone - **NOT BEFORE** the leaf sheath erect stage (GS30) -1st node detectable and **NOT AFTER** the flag leaf fully extending stage (GS41). Add Aquatic Buff @ 50ml/ha.	400ml
Apply as a full cover spray to strengthen stalks .	K-Silica (Potassium Silicate with Humic Acid))	Apply via boomsprayer,chemigator or drone WITH the Fortius 250 EC. Add Aquatic Buff @ 50ml/ha.	2lt
Fungicides			
Powdery Mildew and Stem Rust control.	Opti-stroby (Azoxystrobin/Difenoconazole)	Apply via boom sprayer, chemigator or drone at day 50 after 1st germination cycle. Always add Aquatic Buff @ 50ml/ha.	400ml
Powdery Mildew, Stem Rust and Septoria Leaf Blight control.	Prosper Trio (Tebuconazole/Spiroxamine /Triademenol)	Apply via boom sprayer, chemigator or drone at day 70 and then again at day 90 after 1st germination cycle. Always add Aquatic Buff @ 50ml/ha.	500ml
Powdery Mildew, Stem, Yellow Rust plus ALL Septoria spp and Net blotch (Pyrenophora teres) in Barley.	Aviator Xpro (Bixafen/Prothioconazole)	Apply via boom sprayer, chemigator or drone at day 70 after 1st germination cycle - no need for 2nd application. Always add Aquatic Buff @ 50ml/ha.	500ml
Insecticides			
Cutworm (Agrotis spp)	Opti Lambda 5EC	Apply via boomsprayer,chemigator or drone @ crop emergence. Always add Aquatic Buff @ 50ml/ha.	200ml
Green Cereal Aphid (Schizaphis graminum)	Opti Acetamiprid	Apply via boom sprayer, chemigator or drone at 1st sight of the pest. Always add Aquatic Buff @ 50ml/ha.	300ml
Opti Imidacloprid 350 SC	Foliarel OK, Zinc Chelate & Copper Chelate	Apply via boom sprayer, chemigator or drone at 1st sight of the pest. Always add Aquatic Buff @ 50ml/ha.	250ml
FAW - Fall Army Worm (Spodoptera frugiperda)	Optimator (Acetamiprid + Emamectin benzoate)	Apply via boom sprayer, chemigator or drone @ 1st sight of 'windows'. Always add Aquatic Buff @ 50ml/ha.	400ml

PLEASE CAREFULLY READ CHEMICAL LABEL BEFORE APPLICATION