

STARCOP®	Copper Sulphate + Chelated Amino Acids	Wheat / Barley / Coffee / Onions / Tomatoes / Potatoes / Beans / French Beans / Vegetables	Correcting Copper Deficiency / Boosting Plant Synthesis / Stress Management
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FOLIAR FERTILIZERS

PRODUCT	ACTIVE INGREDIENT	CROPS	REMARKS
AGRIGROW (CRYSTALLINE) FLOWERING AND FRUITING EXTRA® - HIGH K	15% Total Nitrogen (N) / 5% Phosphorus as Phosphoric Oxide (P ₂ O ₅) / 35% Potassium As Potash (K ₂ O) Plus All The Essential Micronutrients	Beans / Peas / Chillies / Cucurbits / Carrots / Onions / Wheat / Barley / Tomatoes / Citrus / Coffee / Mangoes / Watermelons / Avocado / Soil Drench	Flowering / Fruit Set / Fruit Development / Quality Results / Even Ripening of Fruits / Proper Fruit Size / Colour as well as improving Plant Resistant to Stress e.g. Frost and Drought
AGRIGROW CALMAG®	Chemical Composition: Weight / Weight (Weight / Volume) Nitrogen (N) 10.0% (15.00%) / Calcium (Cao) 15.0% (22.50%) / Magnesium (Mgo) 2.0% (3.00%) / Manganese (Mn) 0.1% (0.15%) / Iron (Fe) 0.05% (0.0075%) / Boron (B) 0.05% (0.0075%) / Copper (Cu) 0.04% (0.06%) / Zinc (Zn) 0.02% (0.03%) / Molybdenum (Mo) 0.001% (0.0015%) / pH (10% Solution) 6.5 / Density 1.50Sg	Apples / Potatoes / Cherries / Cabbages / Cauliflower Endive / Lattuce Cherry / Watermelons / Peppers / Cucumbers / Tomatoes / Strawberries / Peaches Nectarines	Care and correction deficiencies for control against Bitter Pit Tip Burn Blossom End Rot Black Heart and Splitting / Improving produce quality especially texture structure and shelf life in Fruit Trees and Vegetable Crops
AGRIGROW HIGHMAX®	24% Total Nitrogen (N) / 24% Phosphate (P ₂ O ₅) / 18% Potash (K ₂ O) + Trace Elements	Coffee / Fruits / Maize / Wheat / Potatoes / Peppers / Cabbages / Capsicum / Cucumbers / Tomatoes	Water soluble foliar fertilizer formulation
AGRIGROW (CRYSTALLINE) SEEDLING (STARTER) EXTRA® - HIGH P	14% Total Nitrogen (N) / 28% Phosphorus as Phosphoric Oxide (P ₂ O ₅) / 18% Potassium as Potash (K ₂ O) Plus All The Essential Micronutrients	Beans / Peas / Chillies / Cucurbits / Carrots / Onions / Wheat / Barley / Tomatoes / Citrus / Coffee / Mangoes / Watermelons / Avocado / Soil Drench	Caters for High Levels of Nutrients required by Seedlings during transplanting and for young plants to enhance Root and Shoot development with quick vigorous establishment of the plant
AGRIGROW (CRYSTALLINE) VEGETATIVE EXTRA® - HIGH N	30% Total Nitrogen (N) / 10% Phosphorus as Phosphoric Oxide (P ₂ O ₅) / 10% Potassium as Potash (K ₂ O) Plus All The Essential Micronutrients	Beans / Peas / Chillies / Cucurbits / Carrots / Onions / Wheat / Barley / Tomatoes / Citrus / Coffee / Mangoes / Watermelons / Avocado / Soil Drench	During Periods of High Level of Cell Division / Plant Vegetative Growth Periods and after Harvesting for the Perennial Crops
AGRIGROW ZINC + BORON®	Zinc (Zn) 21% / Boron (B) 7%	Flowers / Coffee / Mangoes / Macadamia / Oranges / Avocado / Vegetables (Tomatoes / Beans / Peas / Pepper / Onion)	Care and correction deficiencies in Boron and Zinc in Fruit Trees and Vegetable Crops
CROP BOOSTER®	12% Nitrogen (N) / 10% Phosphorous (P ₂ O ₅) / 8% Potasium (K ₂ O) Plus Magnesium (Mgo) / Boron (B) / Manganese Mn) / Copper (Cu) / Molybdenum / Zinc (Zn) / Iron (Fe) / Cobalt / Sulphur (S) / Amino Acids and Growth Hormones. All These Are Chelated	Coffee / Tomatoes / Potatoes / Wheat / Barley / Pineapples / Fruit Tress / Vegetables	Boosting Plant Growth / Rapid and Effective Absorption through the leaves
ROOTONE®	Auxins 33% + Nitrogen (A.N.A.A.)	Sweet Potatoes / Carrots / Sugarcane	Essential in Flowering Plants for flower induction / Prevention of pre-mature flower abortion / Fruit Drop andd Propagation of Cuttings

PB - KNAPSACK SPRAYER®
15LITRES 16LITRES AND 20LITRES CAPACITY
EUROPEAN STANDARDS AND BRITAIN REGISTERED DESIGN 2025702

DESCRIPTION AND SPECIFICATIONS		
MODEL	15LITRES - 16LITRES (NEW MODEL VERSION)	20LITRES (NEW MODEL VERSION)
Tank Capacity	15Litres - 16Litres Tank Capacity	20Litres Tank Capacity
Pump Type	Piston	
Pump Handle Option	Reversible Pump Handle Option with Left and Right Hand Operation with Padded Shoulder Straps	
Pump Pressure	8.00 Kg/cm² = 8Bars	
Working Pressure	2.0Kg/cm² – 4.0Kg/cm²	
Measurement	448mm × 253mm × 476mm	448mm × 253mm × 530mm
Tank Material	Fibre Reinforced Plastic Tank Material	
Nett Weight	4.30Kg	4.45Kg
Gross Weight	5.20Kg	5.50Kg
Total Weight When Fully Loaded	20Kg	24.50Kg

RONALDO KNAPSACK SPRAYER®
16LITRES AND 20LITRES CAPACITY

DESCRIPTION AND SPECIFICATIONS		
MODEL	RONALDO-16® (NEW MODEL VERSION)	RONALDO-20® (NEW MODEL VERSION)
Tank Capacity	16Litres Tank Capacity	20Litres with 19.15Litres Tank Capacity
Tank Material	Fibre Reinforced Plastic Tank Material	
Nozzles	Comes with 4 Different Nozzles	
Lance Material	Copper Lance	
Seals	Chemical Resistance Seals	
Hose Pipe Type	High Pressure Premium PVC Hose	
Pump Working Pressure	8.00Kg/cm² = 8 BARS Internal High-Efficiency Piston Pumpat 2.0Kg/cm² – 4.0Kg/cm² Working Pressure	
Pump Handle Option	Reversible Pump Handle Option with Left and Right Hand Operation with Padded Shoulder Straps	
Measurement	445mm × 210mm × 430mm	480mm × 215mm × 450mm
Nett Weight	3.30Kg	3.60Kg
Gross Weight	3.90Kg	4.30Kg

RAFIKI KNAPSACK SPRAYER®
16LITRES AND 20LITRES CAPACITY

DESCRIPTION AND SPECIFICATIONS		
MODEL	RAFIKI-16® (NEW MODEL VERSION)	RAFIKI-20® (NEW MODEL VERSION)
Tank Capacity	16Litres Tank Capacity	20Litres Tank Capacity
Tank Material	PP Tank Material	
Nozzles	Comes with 3 Different Nozzles	
Lance Material	Stainless Steel Lance	
Seals	Chemical Resistance Seals	
Pump Working Pressure	Internal High-Efficiency Piston Pump Working Pressure	
Pump Handle Option	Reversible Pump Handle Option with Left and Right Hand Operation with Padded Shoulder Straps	
Measurement	448mm × 253mm × 476mm	410mm × 210mm × 505mm
Nett Weight	2.50Kg	2.60Kg
Gross Weight	3.10Kg	3.30Kg

Knapsack Sprayers Outstanding Features

- Sprayer container made of tough Polypropylene and more durable
- Other components and accessories are compatible
- Container free from leaking problems
- LSA/4 adjustable solid cone nozzle gives wider coverage and even distribution
- 50Mesh filter before control valve is provided to prevent clogging at the nozzle
- Twin elbow to provide better penetration and angle of spray
- The discharge rate of 1.2Litres per Minute at constant discharge pressure of 56.76Pounds per square inch

AGRICHEM AFRICA LIMITED®

Horticulture

PRODUCTS RANGE

AGRICHEM AFRICA LTD®

Your Partner in Agriculture

AGROCHEMICALS • FERTILIZERS • HYBRID SEEDS • CROP PROTECTION AND IRRIGATION SOLUTIONS
GREENHOUSE IMPORTED POLYTHENE (FILMS) SHEETING

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FUNGICIDES

PRODUCT	CROPS	DISEASES	APPLICATION RATES AND TIMING
AGRILAX 72WP® Mancozeb 640g/Kg + Metalaxyl 80g/Kg	French Beans / Peas / Cabbages / Onions / Peppers / Potatoes / Tomatoes	Mildew / Early Blight / Late Blight	Foliar Spray: 2.5Kg in 1,000Litres of water per Hectare; 50g in 20Litres of water; Pre-Harvest Interval - 14Days
AGRITHANE 80WP® Mancozeb 800g/Kg	French Beans / Peas / Onions / Peppers Potatoes / Tomatoes	Rust / Downy Mildew / Ascochyta / Late Blight	Foliar Spray: 1.5Kg - 2.5Kg in 1,000Litres of water per Hectare; 30g - 50g in 20Litres of water; Pre-Harvest Interval - 21Days. Repeat at 7Days - 10Days Intervals. Spray after irrigation
AMIPHOS 386SC® Ammonium Phosphite 386g/L	Citrus / Potatoes / Tomatoes	Late Blight / Phytophthora Fruit / Brown Rot	Foliar Spray: Potatoes and Tomatoes: 6Litres in 750ml - 1,000Litres of water per Hectare; 600ml in 100Litres of water / 2.5ml / 120ml in 20Litres of water; 7Days - 14Days Interval depending on weather condition; Pre-Harvest Interval - 3Days - 6Days; Citrus: 6Litres in 2,500Litres of water per Hectare; 240ml in 100Litres of water; Apply at intervals of 7Days to14Days prior to harvest
ARROW 400SC® Chlorothalonil 500g/L	Tomatoes	Early Blight / Late Blight	Foliar Spray: 2.5Litres - 3.5Litres in 1,000Litres of water per Hectare; 250ml - 350ml in 100Litres of water; 50ml - 70ml in 20Litres of water
CARBOZIM 500SC® Carbendazim 500g/L	Cabbages / French Beans / Onions / Peas / Pepper / Tomatoes / Watermelons	Bacteria Wilting / Anthracnose / Rootrot / Leafspot / Greymold Ascochyta / Botrytis	Tomatoes; 300ml in 1,000Litres of water; 30ml in 100Litres of water; 6ml in 20Litres of water; Pre-Harvest Interval - 3Days; 1.25Litres - 2.5Litres in 1,000Litres of water per Hectare; 125ml - 250ml in 100Litres of water; 25ml - 50ml in 20Litres of water; Pre-Harvest Interval - 7Days - 15Days
ROVA 500SC® Chlorothalonil 500g/L	Cabbages / French Beans / Peas / Coffee	Rust / Angular / Leafspot / Anthracnose / Coffee Berry Disease	Foliar Spray; 3.5Litres - 4.5Litres in 1,000Litres of water; 70ml - 90ml in 20Litres of water; Spraying before the onset of rains, spray every 28Days and during rains every 21Days; Pre-Harvest Interval - 14Days
RUSTOP 250SC® Azoxystrobin 250g/L	Basil and Chaives / Cabbages / Coffee / French Beans / Peas / Peppers	Angular Leafspot / Bean Anthracnose / Botrytis Blight / Downy Mildew / Leaf Rust	Foliar Spray; 500ml - 700ml in 1,000Litres of water per Hectare; 10ml - 14ml / 15ml in 20Litres of water; Pre-Harvest Interval - 3Days
SPIRO 250EC® Difenoconazole 250g/L	French Beans / Peas / Peppers / Cabbage / Onions	Rust Ascochyta / Botrytis / Powdery Mildew / Downy Mildew / Cercospora Spots	Foliar Spray; 750ml in 1,000Litres of water; 15ml in 20Litres of water; Pre-Harvest Interval - 21Days
STROBIN EXTRA 325C® Azoxystrobin 200g/L + Difenoconazole 125g/L	Barley / Wheat	Leaf Rust	Foliar Spray; 500ml in 1,000Litres of water; 50ml in 100Litres of water; 10ml in 20Litres of water; Pre-Harvest Interval - 14Days
SULPHUR GOLD 80%WDG® Sulphur 800g/Kg	Beans / Tomatoes / Potatoes	Early Blight / Late Blight / Powdery Mildew / Rust / Mite Suppression	Foliar Spray; 2Kg in 1,000Litres of water per Hectare; 30g - 40g in 20Litres of water; 4 Applications in 10Days interval; Pre-Harvest Interval - Beans and Tomatoes 1Day; Potatoes - 7Days
TEBICON 250EW® Tebuconazole 250g/L	French Beans / Tomatoes / Potatoes / Wheat / Barley	Leaf Rust / Anthracnose / Angular Leafspot / Early Blight	Foliar Spray; 300ml in 600Litres of water per Hectare; 10ml - 15ml in 20Litres of water; Pre-Harvest Interval - 14Days as necessary depending on the disease pressure
TOPNET 500SC® Thiophanate-Methyl 500g/L	Cabbages / Cucumber / French Beans / Khat (<i>Miraa</i>) / Tomatoes / Onions / Watermelons	Botrytis / Fusarium Septoria / Leafspots / Rinspots / Powdery Mildew / Leaf Blight / Stem Blight / Dieback	Foliar Spray; 100ml in 100Litres of water; 20ml in 20Litres of water; Pre-Harvest Interval; 14Days; French Beans; 3Days - 10Days

ZETANIL 76WP® Mancozeb 700g/Kg + Cymoxanil 60g/Kg	Beans / Cabbages / Cucurbits / Potatoes / Tomatoes	Anthracnose / Botrytis Downy / Mildew / Early Blight / Late Blight / Sclerotinian	2Kg - 2.5Kg in 1,000Litres of water per Hectare; 40g - 50g in 20Litres of water; Spray at first sign of attack; 14Days interval or 7Days - 10Days; Pre-Harvest Interval - 7Days
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INSECTICIDES / MITICIDES

PRODUCT	CROPS	PESTS	APPLICATION RATE AND TIMING
ACEPRID 200WSP® Acetamiprid 200g/Kg	French Beans / Cabbages / Pepper / Peas Onions / Tomatoes	Aphids / Leafminer / Thrips / Caterpillars / Whiteflies	Foliar Spray; 200g - 250g in 1,000Litres of water per Hectare; 20g - 25g in 100Litres of water; 4g - 5g in 20Litres of water; Pre-Harvest Interval - 3Days
ALPHAGUARD 10EC® Alphacypermethrin 100g/L	French Beans / Pepper / Cabbages / Peas / Tomatoes	Aphids / Leafminer / Thrips / Whiteflies	Foliar Spray; 10ml in 20Litres of water; Pre-Harvest Interval - 3Days
CLICK 200SL® Imidacloprid 200g/L	French Beans / Pepper / Peas / Cabbages Coffee / Maize / Tomatoes / Potatoes / Onions	Aphids / Leafminer / Thrips / Caterpillars / Whiteflies	Foliar Spray; 500ml in 600Litres of water; 15ml in 20Litres of water; 3Days
FLONEX 15SC® Indoxacarb 150g/L	Cabbages / Tomatoes	Diamondback Moth / Loopers / Tuta Absoluta	Foliar Spray; 200ml in 600Litres of water per Hectare; 30ml in 100Litres of water; 6ml in 20Litres of water; Pre-Harvest Interval - 7Days
FORTUNE AZA 3000EC® Azadirachtin 3000PPM	French Beans / Peas / Roses	Aphids / Nematodes / Thrips / Caterpillars / Whiteflies	Foliar Spray; 20ml in 20Litres of water; Soil Drench; 60ml in 20Litres of water; Repeat after every 10Days; Pre-Harvest Interval - 1Day
KNOCKBECTIN 40EC® Abamectin 10g/L + Acetamiprid 30g/L	French Beans / Peas / Broccoli / Cabbages / Coffee / Pepper / Mangoes / Squash / Onions / Tomatoes / Roses	Aphids / Mealybugs / Spidermites / Thrips / Tuta Absoluta / Whiteflies	Foliar Spray; 300ml - 500ml in 1,000Litres of water; 6ml - 10ml in 20Litres of water; Application is applied upon detection of pest infestation at a spray interval of 7Days; Pre-Harvest Interval - 14Days
LANCER 130SC® Imidacloprid 100g/L + Lambda-Cyhalothrin 30g/L	French Beans	Aphids / Leafminor / Thrips	Foliar Spray; 500ml in 1,000Litres of water per Hectare; 50ml in 100Litres of water; 10ml in 20Litres of water; Pre-Harvest Interval - 3Days
MISSILE 75SP® Acephate 750g/Kg	Maize	Fall Armyworm	Foliar Spray; 2.5Kg in 1,000Litres of water per Hectare; 20g in 20Litres of water; Pre-Harvest Interval - 7Days
MITESWEEP 100EC® Hexythiazox 100g/L	Tomatoes	Red Spidermites	Foliar Spray; 500ml in 1,000Litres of water per Hectare; 10ml in 20Litres of water; Repeat every 10Days; Re-entry Period - 12Hours; Pre-Harvest Interval 3Days
PROFEN 10.8EC® Pyriproxyfen 108g/L	Maize / Mangoes / Onions / Tomatoes / Watermelons	Aphids / Fall Armyworm / Thrips	Foliar Spray; 10ml in 20Litres of water; Timing of Application; Apply at first sight of insect attack and repeat at short intervals depending on pest pressure; Pre-Harvest Interval - 7Days
PROSPER 440EC® Profenos 40% + Cypermethrin 4% w/w	Cotton / Onions / Tomatoes / Watermelons	African Bollworm / Cotton Aphid / Cotton Stainer / Red Spidermites / Whiteflies	Foliar Spray; 1Litre - 1.5Litres in 1,000Litres of water per Hectare; 20ml - 30ml in 20Litres; Pre-Harvest Interval - 7Days - 14Days
PURSUIT 6%EC® Emamectin Benzoate 10g/L + Lambda Cyhalothrin 50g/L	Cabbages / French Beans / Sweet Corns / Tomatoes	Caterpillars / Diamondback Moth / Fall Armyworm / Red Spidermites / Thrips / Tuta Absoluta	Foliar Spray; 300ml - 500ml in 500Litres of water per Hectare; 15ml - 20ml in 20Litres of water; Pre-Harvest Interval - 21Days
PYRIBAN 480EC® Chlorpyrifos 480g/L	Coffee	Green Scale	Foliar Spray; 600ml in 20Litres of water through Banding; Pre-Harvest Interval - 14Days
TIFER 50EC® Lambda Cyhalothrin 50g/L	Cabbages / French Beans	Aphids / Thrips	Foliar Spray; 300ml in 1,000Litres of water per Hectare; 6ml in 20Litres of water; Pre-Harvest Interval - 7Days

HERBICIDES

PRODUCT	CROPS	WEEDS	APPLICATION RATE AND TIMING
BENTO CLEAN 560SL® Bentazone 560g/L	Dry Beans	Annual Grasses / Broad-leaved Weeds	1Litre in 1,000Litres of water per Hectare; 20ml in 20Litres of water; Pre-Harvest Interval - 34Days
CROPMINE 720SL® 2, 4-Dimethyl Amine Salt 720g/L	Barley / Lawns / Maize / Rice / Sorghum / Sugarcane / Wheat	Annual Grasses / Perennial Grasses / Broad-leaved Weeds	150ml - 200ml in 20Litres of water; Pre-Harvest Interval - 30Days
GLYPRO 480SL® Glyphosate 480g/L	Coffee / Maize / Passion Fruit / Sisal / Sugarcane / Tea / Wheat / Horticultural Crops	Annual Grasses / Broad-leaved Weeds / Perennial Grasses / Hard to Kill Perennials	2Litres - 4Litres in 300Litres of water per Hectare; 100ml - 300ml in 20Litres of water
HERBSTAR 200SL® Paraquat Dichloride 276g/L	Coffee / Fruit Trees / Maize / Tea	Grasses / Broad-Leaved Weeds	1.5Litres - 3Litres in 200Litres of water per Hectare; 100ml - 200ml in 20Litres of water
PERSIST 900EC® Acetochlor 900g/L	Maize	Grasses / Broad-Leaved Weeds	3Litres - 3.5Litres in 1,000Litres of water per Hectare; 300ml - 350ml in 100Litres of water; 60ml - 70ml in 20Litres of water
OXYWEED 240EC® Oxyfluorfen 240g/L	Onions	Annual Grass Weeds	1Litre in 1,000Litres of water per Hectare; 100ml in 100Litres of water; 20ml in 20Litres of water; Pre-Harvest Interval - 30Days

BIOSTIMULANTS

PRODUCT	COMPOSITION	CROPS	REMARKS
AGROZYME®	35% Extract from Ascophyllum Nodosum, Proteins, Carboxyl and Hydroxyl Group Biostimulant, Carbohydrates; 15% Nutrient and Plant Growth Regulators (PGR), Stabilizers and Preservatives; 50% Aqueous Solvents; 100% Total	Horticultural Crops / Field, Vegetables and Spice Crops e.g. Maize / Wheats / Barley / Mango, Banana / Coconut, Betelnut / Rice Paddy / Pigeon Peas / French Beans / Soya Beans / All Vegetables / Fruits / Spices.	Organic Bio-stimulant
ATONIK®	Nitrophenolate Mixture 0.6%	Roses	S.A.R. (Systemic Activated Resistance) activities / Stimulates the disease defence mechanism of the plant
BIO-POWER®	Contains soil beneficial attenuated multi bacterial extract fortified with Blue Green Algae extract. It also contains Amino Acids, Plant Growth promoting Triterpenoids, Siderophore, Macro and Micro Elements	Cabbages / Maize / Potatoes / Wheat	Contains Bio Amino Acids and Plant Growth Promoting Triterpenoids Siderophore

CROP NUTRITIONS

PRODUCT	ACTIVE INGREDIENT	CROPS	REMARKS
ALLWIN GOLD SUPER® Improves Enzyme Activity and Fruit Setting	Composition: Amino Acid + Sea Weed + Potassium Based Nutrients 22.40% w/w / Adjuvants and Stabilizer 9.90% w/w / Other Ingredients 67.70%w/w - Total 100% w/w	Mangoes / Potatoes / Tomatoes	Application Rates and Stage of Crop: 20Days of Planting - 750ml in 300Litres of water per Hectare; 50ml in 20Litres; Flowering Stage and Fruiting Stage - 750ml in 500Litres of water per Hectare; 30ml in 20Litres of water
HUMIKING® Super Potassium Humate	Extracted from natural high grade Leonardite with excellent solubility. Used alone or combined with Nitrogen and Phosphorus in irrigation and spray.	Basal Dosage: 5Kg - 8Kg per Acre; Drip Application: 400g per Acre (Every 10 Days); Soil Drenching: 1g - 2g per Litre (Every 10 Days); Foliar Application: 0.5g - 1.5g per Litre (Weekly)	
MAGIC HYDROGEL® Nutrients and Water Retention Agent	Sustainable Water Use; Fast Germination; Restricts Algae Growth; Enhanced Delivery of Nutrients; Remediation; Reduced Runoff		