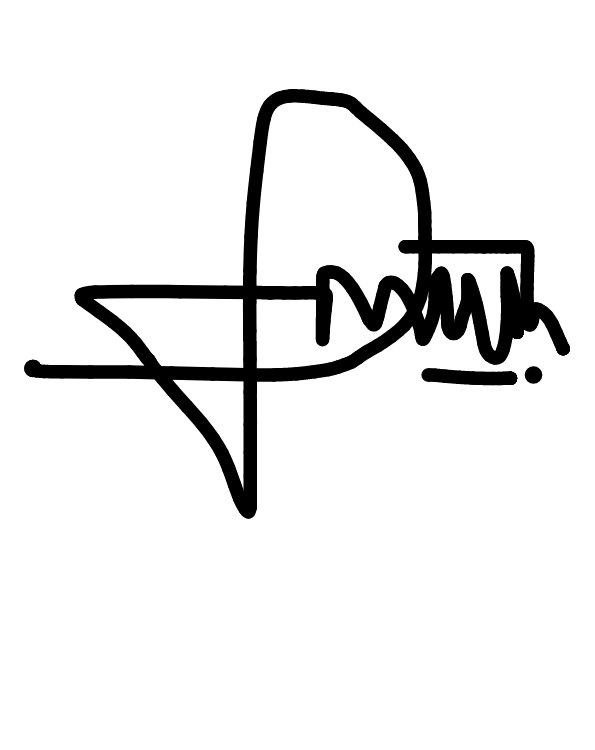
FARMWORKS FARMING SERVICES

PLANT PROTECTION PRODUCTS LIST – GREEN BEANS

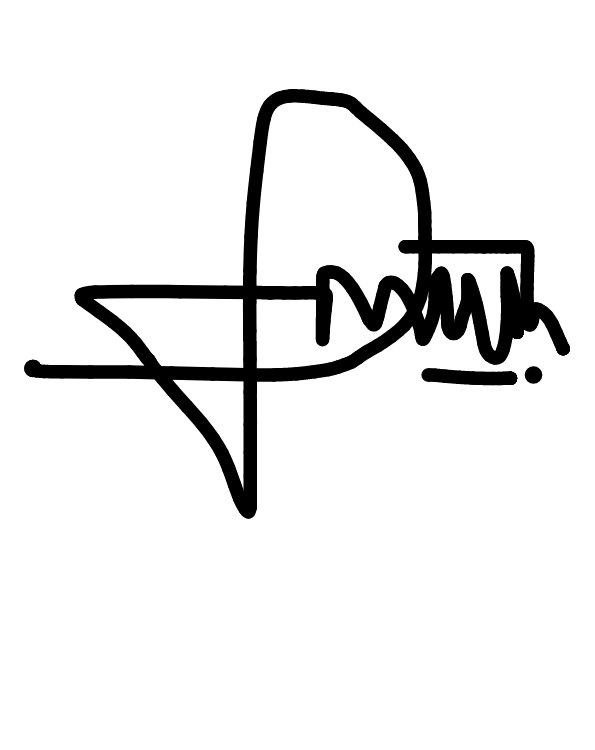


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| **FCB 9 - Farmworks Farming Services PPPL - Green Beans** | | | | | | | | | |
| Prepared by | Approved by | Release date | Revision date | Effective date | Supersedes | Next revision | Location | Retention period | Reason for change |
| Technical Manager | Head of Production | 30/11/2022 |  | 01/12/2022 | None | 1/12/2023 | Farm Office | 2 years after Last Revision | Initial |

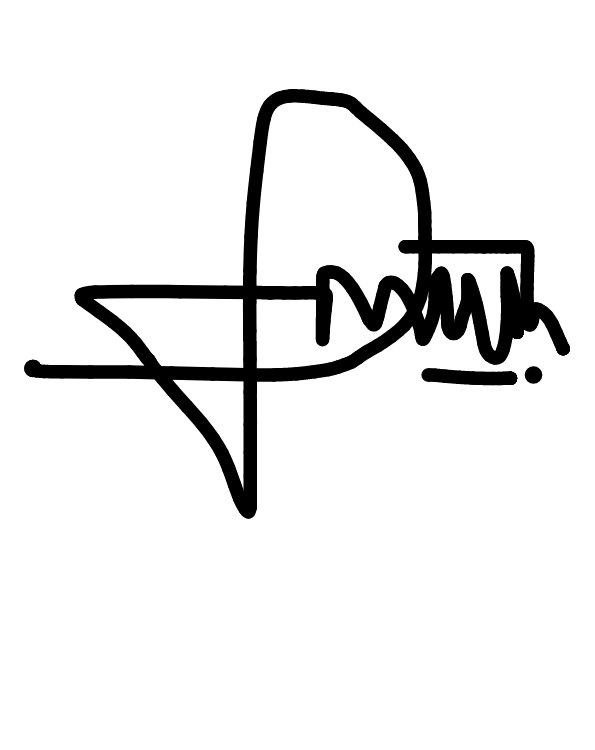
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| Product Name | Active Ingredient | PCPB Number | Reason for Use | Usage Rate | PHI  (days) | Re-entry (Hours) | MRL |
| AMPLIGO 150 ZC  (Insecticide) | Lambda-Cyhalothrin (50G/L)  Chlorantraniliprole (DPX E-2Y45) (100G/L) | (PCPB(CR)1702) | Aphids, Caterpillar, Thrips, Whitefly control | 100-200 ml / Ha & 6-10 ml per 20 L water. Max 2 applications with min interval of 7 days | 7 | 12 | MRL (Origin / EU / GB) NA / 0.400  /0.400  MRL (Origin / EU / GB) NA / 0.800 / 0.800. |
| ATOM 2.5 EC  (Insecticide) | Deltamethrin (cis- deltamethrin) (25G/L) | (PCPB(CR)0760) | Thrips, Aphids | 10-15ml/20L water. | 1 | 12 | MRL (Origin / EU / GB) 0.200 / 0.200/ 0.200 |
| AMISTAR TOP 325 SC  (Fungicide) | Difenoconazole (125G/L)  Azoxystrobin (250G/L) | (PCPB(CR)1037) | Rust, Angular Leaf Spot and Botrytis | Maximum rate 0.5 lt/ha. Start application before 3% of the total leaf showsdisease symptoms or when symptoms are present on the basal 3-5 leaves. Applications must be made at 21–28-day intervals | 7 | 12 | MRL (Origin / EU / GB) 1.000 / 1.000/ 1.000.  MRL (Origin / EU / GB) 3.000 / 3.000  3.000; |
| ASTER EXTRIM 20 SL  (Insecticide) | Cypermethrin (p) (50G/L)  Acetamiprid (150G/L) | PCPB(CR)1016 | Thrips, Aphids and Whiteflies in French beans | 300 Mls per Ha. 6 Mls per 20 Liters of water | 7 | 12 | EU 0.7mg/kg  EU 0.6mg/kg |

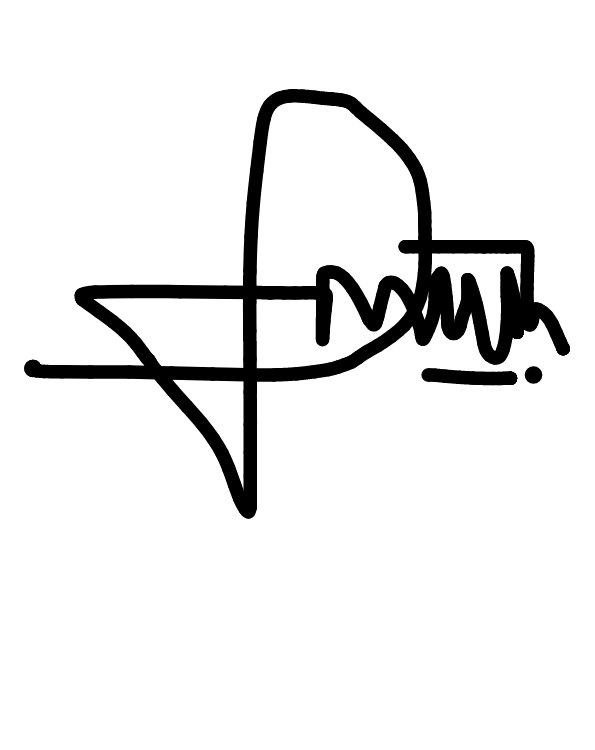
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| Product Name | Active Ingredient | PCPB Number | Reason for Use | Usage Rate | PHI  (days) | Re- entry (Hours) | MRL |
| AZOXY TOP 325 SC  (Fungicide) | Difenoconazole (125G/L)  Azoxystrobin (200G/L) | (PCPB(CR)1389) | Angular Leaf Spot, Anthracnose | Max dose 0.5litre per ha. 10 Mls per 20 Liters of water | 7 | 12 | MRL (Origin / EU / GB) 1.000 / 1.000 /  1.000  MRL (Origin / EU / GB) 3.000 / 3.000  / 3.000 |
| BEANSCLE AN 480 SL  (Herbicide) | Bentazone (p) (480G/L) | (PCPB(CR)1569) | Broad leaf weed control by contact action | Max rate: 2.5 l / Ha. in 400 L water Apply post emergence whenweeds have 2 to 4 leaves out. | 21 | 12 | MRL (Origin / EU / GB) NA / 0.300 /0.300 |
| DUPONT BENEVIA 10 OD  (Insecticide) | Cyantraniliprole (100G/L) | (PCPB(CR)1621) | Caterpillar, thrips, whitefly control | Trade name: DUPONT BENEVIA 10 OD Max  rate: 450-600 ml/ha - Use in1000L/ha spray volume. 9-12ml/20L Can be used at any growth stage with weekly interval. Do not use more than 2 applications per season | 1 | 12 | MRL (Origin / EU / GB) NA / 1.500 /1.500 |

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| Product Name | Active Ingredient | PCPB Number | Reason for Use | Usage Rate | PHI  (days) | Re-entry (Hours) | MRL |
| BIO-T-PLUS  (Insecticide) | Bacillus thuringiensis subsp. Kurstaki (9X10E7SPORES/MG) | (PCPB(CR)0771-  p(i)) | Caterpillar control by bacterial toxin | Max rate: 2 Kg / Ha. Max 3 applications; minimum  interval 10 days | 1 | 0 | MRL (Origin / EU / GB) NA / 0.010 /0.010 |
| BIO- NEMATON 1.15% WP  (Insecticide) | Paecilomyces lilacinus strain 251 (1X10E8CFU/G) | (PCPB(CR)0818) | Nematodes | Max rate: 6 Kg / Ha. Apply by soil drench at planting & repeat after 30 days | N/A | 12 | MRL (Origin / EU / GB) NA / NA / |
| BOTANIGARD ES  (Insecticide) | Beauveria bassiana strain GHA (11.3%) | (PCPB(CR)0585) | Thrips, whiteflies | AI: Beauveria bassiana strain GHA 1-2L /ha | N/A | 12 | MRL (Origin / EU / GB) NA / NA / |

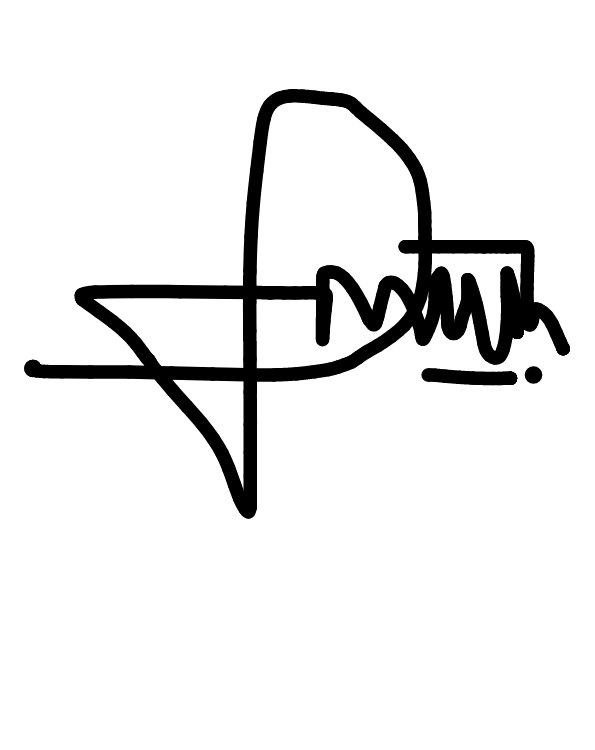


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| Product Name | Active Ingredient | PCPB Number | Reason for Use | Usage Rate | PHI  (days) | Re-entry (Hours) | MRL |
| CHAMPFLO SC  (Fungicide) | Copper hydroxide (42.74%) | (PCPB(CR)0809) | Anthracnose & angular leaf spot on French beans | 8.0L/ha | 21 | 12 | MRL (Origin / EU / GB) 20.000 /20.000 / 20.000; |
| CHAMPION 50 WP  (Fungicide) | Copper hydroxide (77%) | (PCPB(CR)0782) | Anthracnose & angular leaf spot on French beans | 2 kg/ha, spray volume 1000 L per ha | 21 | 12 | MRL (Origin / EU / GB) 20.000/20.000/20.000; |
| CHANCETYL ELITE 80 WDG  (Fungicide) | Fosetyl- aluminium (80%) | (PCPB(CR)1303) | Damping off control under wet conditions | 2.5 Kg / Ha | 7  (Label 3 days) | 12 | MRL (Origin / EU / GB) NA / 2.000/2.000; |
| CLOSER 240SC  (Insecticide) | Sulfoxaflor (240G/L) | (PCPB(CR)1359) | Whiteflies and aphids | Max rate: 100 ml / Ha. Maximum of 3 applications per crop. Applications must bealternated | 14  (Label 7) | 24 | MRL (Origin / EU / GB) 0.010 / 0.010 /  0.010; |
| CORAGEN 20SC  (Insecticide) | Chlorantraniliprol e (DPX E-2Y45) (200G/L) | (PCPB(CR)1138) | Caterpillars (Helicoverpa armigera) | Max dose;125 Mls/ha | 3 | 12 | MRL (Origin / EU / GB) 0.100 / 0.800/ 0.800; |

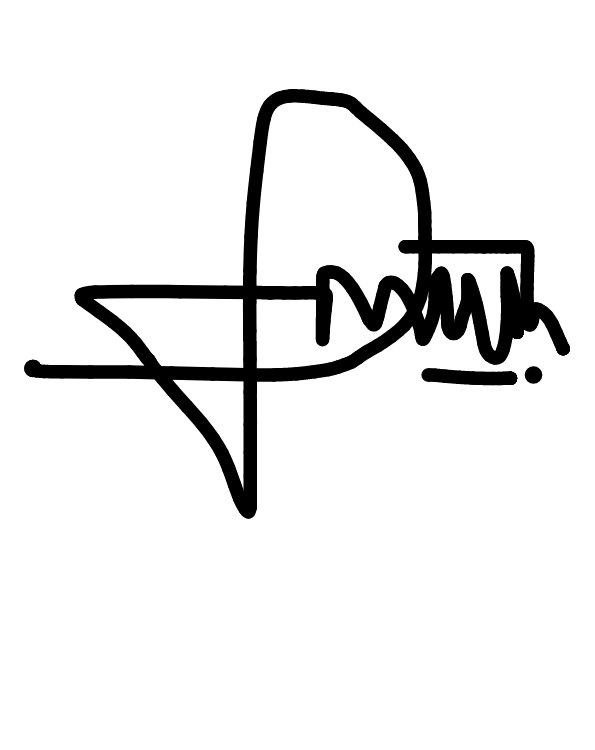




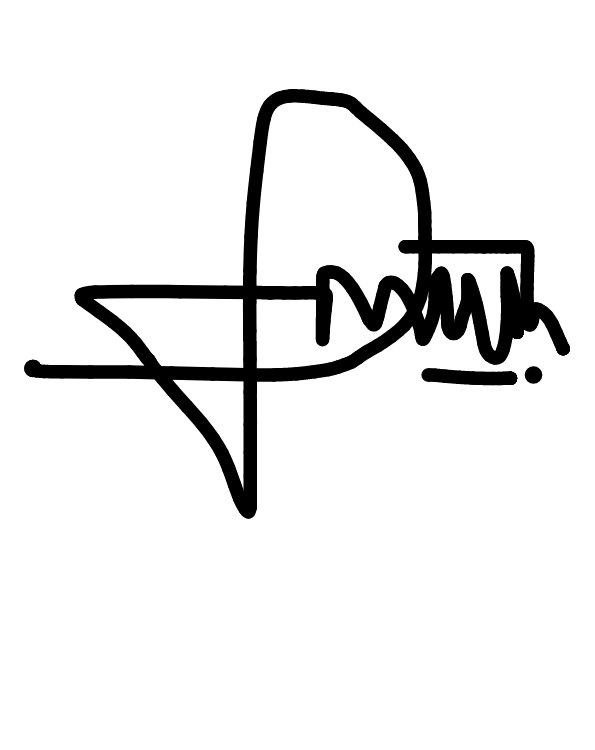
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| Product Name | Active Ingredient | PCPB Number | Reason for Use | Usage Rate | PHI  (days) | Re-entry (Hours) | MRL |
| CUPROCAFF  ARO Micro  37.5 WG  (Fungicide) | Copper oxychloride (37.5%) | (PCPB(CR)0504) | Anthracnose, Sclerotinia, Angular leaf spot, Rust | Max dose; 2.5kg per ha | 3 | 12 | MRL (Origin / EU / GB) 20.000 /20.000 / 20.000; |
| DECIS FORTE EC  (Insecticide) | Deltamethrin (cis- deltamethrin) (100G/L) | (PCPB(CR)0479) | Aphids, whiteflies, thrips | Max rate of use/Ha 100- 120mls max rate / 20L 10mls | 3 | 12 | MRL (Origin / EU / GB) 0.200 / 0.200/ 0.200 |
| DOMAIN 25% EC  (Fungicide) | Difenoconazole (250G/L) | (PCPB(CR)1126) | Rust, Angular Leaf spot | dose: 500ml in 1000L of water. (10ml in 20L of water) | 14 | 24 | MRL (Origin / EU / GB) 1.000 / 1.000/ 1.000 |
| DUCASSE 250 EW  (Fungicide) | Tebuconazole (250G/L) | (PCPB(CR)1131) | Rust, Angular leaf spot, Anthracnose | 0.5liter per ha in 600 liters of water Maximum Number of applications 2 | 14 | 24 | MRL (Origin / EU / GB) 2.000 / 2.000/ 2.000 |
| DUDUTHRIN  1.7 EC  (Insecticide) | Lambda- Cyhalothrin (17.5G/L) | (PCPB(CR)0481) | Cutworm, Caterpillar, Aphids, Thrips, and whiteflies Control | foliar spray 50-60 ML/20lt | 3 | 12 | MRL (Origin / EU / GB) 0.200 / 0.400/ 0.400 |
| EQUATION PRO  (Fungicide) | Famoxadone (225G/KG)  Cymoxanil (300G/KG) | (PCPB(CR)0344) | Rust, Angular Leaf Spot, & Botrytis | Max rate of use/Ha 400 grams in 1000 Liters.  7.5grams per 20 Liters. Mls. 4 max. app 7-12 days interval | 3 | 24 | MRL (Origin / EU / GB) 0.010 / 0.010/ 0.010  MRL (Origin / EU / GB) 0.050 / 0.050  / 0.050 |



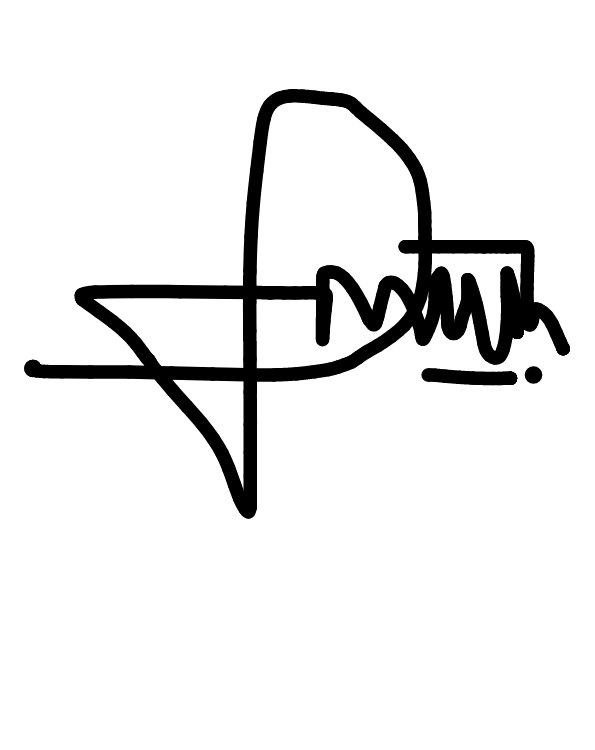
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| Product Name | Active Ingredient | PCPB Number | Reason for Use | Usage Rate | PHI  (days) | Re-entry (Hours) | MRL |
| ESCORT 19 EC  (Insecticide) | Emamectin (p) (19G/L) | (PCPB(CR)1116) | Thrips, caterpillars, leaf miners | Max rate of use/Ha 400 Mls | 7 | 12 | MRL (Origin / EU / GB) 0.010  / 0.030/ 0.030 |
| FLINT 50 WG  (Fungicide) | Trifloxystrobin (500G/KG) | (PCPB(CR)0271) | Rust/Angular leaf spot | 300 g-500 g/ha in600 Lt of water Apply as an early preventive spray at 7–10-day spray intervals depending on disease pressure Recommended maximum 2  applications per season | 7  (Label 3) | 12 | MRL (Origin / EU / GB) 1.000 / 1.000/ 1.000 |
| FLOWER DS EC  (Insecticide) | Pyrethrins (4%) | (PCPB(CR)0835) | Caterpillars, Aphids, Whiteflies and Thrips control | 800-2100 ml /ha | 1 | 6 | MRL (Origin / EU /  GB) 1.000 / 1.000/ 1.000 |
| FOLICUR 250 EW  (Fungicide) | Tebuconazole (250G/L) | (PCPB(CR)0308) | Rust | 500 ml/ha. Water volume 600 liters /ha or 17 ml/20 liters of water | 14 | 12 | MRL (Origin / EU / GB) 2.000 / 2.000/ 2.000 |
| FUNGURAN OH 50 WP  (Fungicide) | Copper hydroxide (77%) | (PCPB(CR)0656) | Halo blight and Rust  by preventative action | Rate: 2 Kg / ha & 40 g / 20 L  water, can be repeated after 10 days | 3 | 6 | MRL (Origin / EU / GB) NA / 20.000  /20.000; |
| FUSALIDE FORTE 150 EC  (Herbicide) | Fluazifop-P-butyl (fluazifop acid (free and conjugate))  (150G/L) | (PCPB(CR)1335) | for control of Annual and Perennial grasses | Max rate: 1.5 liter / Ha. Apply when grass is growing actively and is enough size to intercept the spray. | 28 | 12 | MRL (Origin / EU / GB) 1.000 / 1.500/ 1.500; |



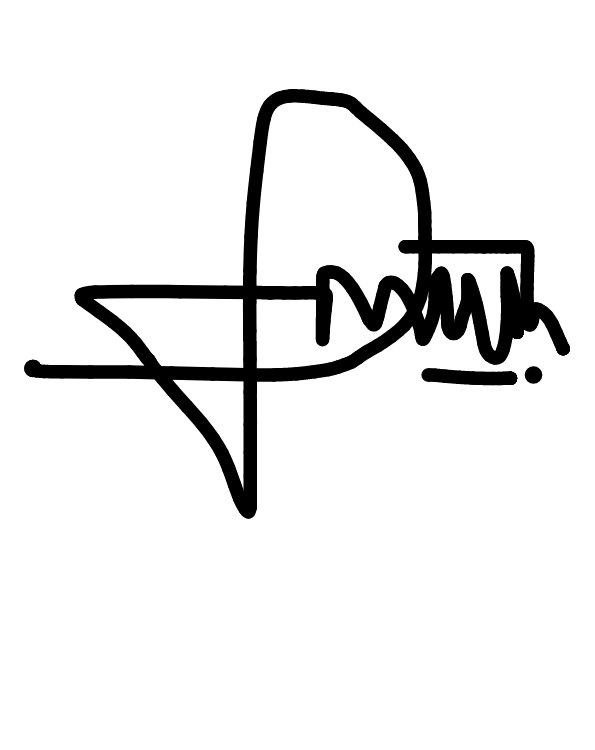
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| Product Name | Active Ingredient | PCPB Number | Reason for Use | Usage Rate | PHI  (days) | Re-entry (Hours) | MRL |
| HALT NEO 5% WP  (Insecticide) | Bacillus thuringiensis subsp. Kurstaki (32000I.U./MG) | (PCPB(CR)1959) | Caterpillar control by bacterial toxin | Rate: 300 g / Ha. & 6 g per 20 L water.  Can be applied 3 times withinterval of 7 days. Apply late  afternoon only | N/A | 12 | MRL (Origin / EU / GB) NA /  0.010 /0.010; |
| INTEGRA  (Adjuvant) | Polyalkylene oxide modified heptamethyl  trisiloxone 800g/ | PCPB(CR)1124 | Adjuvant for enhancing performance of  pesticides | Foliar spray: 100-200 ml per ha, (2-4 ml/20 liters of water) | N/A | N/A | N/A |
| KARATE ZEON  (Insecticide) | Lambda- Cyhalothrin (50G/L) | (PCPB(CR)0296) | Aphids, Thrips, Caterpillars and Whiteflies | Max rate: 300 ml/ha | 3 | 12 | MRL (Origin / EU / GB) 0.200 / 0.400/ 0.400; |
| KESHET 2.5 EC  (Insecticide) | Deltamethrin 25g/L | PCPB(CR)0841 | thrips, aphids & whiteflies on beans | 500 Mls per Ha. 10 Mls per 20 Liters | 1 | 6 | MRL (Origin / EU / GB) 0.01/ 0.01/ 0.01; |
| LAMBDEX 5 EC  (Insecticide) | Lambda- Cyhalothrin (50G/L) | (PCPB(CR)0456) | Aphids, Thrips, and whiteflies Control | Rates: 350 ml / Ha & 35ml / 100-liter water & 7 ml per 20 l water | 3 | 6 | MRL (Origin / EU / GB) NA / 0.400  /0.400; |
| LIQUICOP SL  (Fungicide) | Copper ammonium acetate (312G/L) | (PCPB(CR)0452) | Halo blight, Rust | Rate per HA 5 Liters in 1000 Liters of water | 1 | 12 | MRL (Origin / EU / GB) 20.000 /20.000 / 20.000; |
| LUNA SENSATION SC 500  (Fungicide) | Fluopyram (250G/L)  Trifloxystrobin (250G/L) | (PCPB(CR)1163) | Rust Control | Max rate of use / ha 240ml in 800l of water. Max rate / 20L 6mls | 14 | 12 | MRL (Origin / EU / GB) 1.000 / 1.000/ 1.000.  MRL (Origin / EU / GB) 1.000 / 1.000  / 1.000; |



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| Product Name | Active Ingredient | PCPB Number | Reason for Use | Usage Rate | PHI  (days) | Re-entry (Hours) | MRL |
| MASTERCOP 60 SC  (Fungicide) | Copper sulphate pentahydrate 213.6 g/L equivalent to 60 g/L copper | (PCPB(CR)1424) | Halo blight, angular leaf spot, anthracnose, and rust | Max rate: 1 liter / Ha & 20 ml per 20 Liter water. Spray once every 10 days and a maximum of 3 times in a season. | 3 | 12 | MRL (Origin / EU / GB) NA / 20.000  /20.000; |
| MOVENTO OD 150  (Insecticide) | Spirotetramat (p) (50G/L) | (PCPB(CR)1093) | control whiteflies, Thrips and Aphids | 0.5l/ha - 17 ml/20 liters of water. Apply at the first sign of pest. Water volume: 600l/ha | 3 | 12 | MRL (Origin / EU / GB) 1.500 / 1.500/ 1.500 |
| OBERON SC 240  (Insecticide) | Spiromesifen (240G/L) | (PCPB(CR)0335) | Aphids, whitefly, and Mite | Max dose; 0.5 - 0.6 liter per ha in 500-1000 L of water/ha (for spider mites) 0.4 - 0.5 l/ha in 500-1000 L of water/ha (for whiteflies and  aphids) | 3 | 12 | MRL (Origin / EU / GB) 1.000 / 1.000/ 1.000; |
| OTHELLO 25 WDG | Azoxystrobin 250g/kg | PCPB(CR)1099 | control of rust in French beans | 0.5Kg per Ha. 10g per 20ltrs of water | 3 | 12 | MRL (Origin / EU / GB) 3.000 / 3.000 /  3.000 |



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| Product Name | Active Ingredient | PCPB Number | Reason for Use | Usage Rate | PHI  (days) | Re-entry (Hours) | MRL |
| ORTIVA 250 SC | Azoxystrobin (250G/L) | (PCPB(CR)0317) | Rust, Angular Leaf Spot, Anthracnose, & Botrytis control | 300-500 ml / ha. & 20 ml per 20 L water. Max 3 applications per crop | 3 | 12 | MRL (Origin / EU / GB) 3.000 / 3.000 /  3.000 |
| ORTIVA TOP 325 SC  (Fungicide) | Difenoconazole (125G/L)  Azoxystrobin (250G/L) | (PCPB(CR)1037- p(I)) | Angular leaf spots, anthracnose, rust | 0.5 L/ha | 7 | 12 | MRL (Origin / EU / GB) 1.000 / 1.000/ 1.000.  MRL (Origin / EU / GB) 3.000 / 3.000  / 3.000; |
| PRESENTO 200 SP  (Insecticide) | Acetamiprid (200G/KG) | (PCPB(CR)1104) | Aphids Thrips Whiteflies | 200g/ha in 1000L of water | 7 | 24 | MRL (Origin / EU / GB) 0.070 / 0.600/0.600; |
| RADIANT 120 SC  (Insecticide) | Spinetoram (XDE- 175) (120G/L) | (PCPB(CR)1048) | Caterpillars, Thrips | 125 - 160ml/Ha Do not exceed 3 sprays in a season.  Repeat applications should not be less than 4 days apart. | 3 | 6 | MRL (Origin / EU / GB) 0.100 / 0.100/ 0.100; |
| SCORE 250 EC | Difenoconazole (250G/L) | (PCPB(CR)0947) | Rust, Angular Leaf spot | 0,4-0,5 L/ha | 14 | 12 | MRL (Origin / EU / GB) 1.000 / 1.000/ 1.000; |
| TIHAN OD 175 | Spirotetramat (p) (75G/L)  Flubendiamide (100G/L) | (PCPB(CR)1402) | To control Thrips and Aphids | Maximum dosage rate 0.2l/ha in 500 liters of water | 3 | 12 | MRL (Origin / EU / GB) 1.500  / 1.500/1.500.  MRL (Origin / EU / GB) 0.500  / 0.500/ 0.500; |



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| TRACER 480 SC | Spinosad (p) (480G/L) | (PCPB(CR)0353) | Thrips, Leaf miners, and Caterpillars | 200ml/ha in 1000 lit of water or4ml in 20 lit of water | 1 | 6 | MRL (Origin / EU / GB) 0.300 / 0.300/ 0.300; |
| TWIGA ACE 20% SL | Acetamiprid (200G/L) | (PCPB(CR)0489) | Aphids, thrips, whiteflies, leaf miners | 200-250 ml/ha | 7 | 3 | MRL (Origin / EU / GB) 0.600 / 0.600/ 0.600; |
| VITRA 40 WG | Copper hydroxide (66.7%) | (PCPB(CR)1198) | Anthracnose, Rust & angular leaf spot | 2 kg/ha. | 3 | 12 | MRL (Origin / EU / GB) 20.000/20.000 / 20.000 |
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