

# MGA KABISIG SA MASAGANANG ANI NG GULAY



DISTRIBUTED BY:



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Jardine Distribution, Inc.

**VEGETABLE PEST  
MANAGEMENT GUIDE**  
LOWLAND

# EGGPLANTS

GROWTH STAGES	Seedbed	Vegetative		Flowering to Fruiting		Harvesting	
	1-30 DAS	1-15 DAT	16-30 DAT	31-37 DAT	38-45 DAT	46-60 DAT	61-120 DAT
INSECTS	Cutworms / Ants			Leafhoppers / Aphids / Flea Beetle			
				Shoot and Fruit Borers			
				Thrips / Whiteflies			
	<b>DANTOP</b> 16 WSG 3.0 g (1 sachet)		<b>METO MIGHT</b> 2 Tbsp	<b>EXECUTE</b> 1.8 EC 2 Tbsp	<b>LEGEND</b> 2 Tbsp	<b>EXECUTE</b> 1.8 EC 2 Tbsp	<b>CHIX</b> 2 Tbsp
DISEASES	Anthracnose						
	Blight						
RECOMMENDED FUNGICIDE Use Rate / 16L water tank load	<b>HomeRun 250 EC</b> (Systemic) 1 Tbsp		<b>Manzate DF</b> (Contact) 3 Tbsp	<b>HomeRun 250 EC</b> (Systemic) 1 Tbsp	<b>Manzate DF</b> (Contact) 3 Tbsp	<b>HomeRun 250 EC</b> (Systemic) 1 Tbsp	
RECOMMENDED PLANT NUTRITION & BIOSTIMULANT Use Rate / 16L water tank load	<b>OMEX BIO 20</b> 8 Tbsp	<b>TRANSFORMER</b> (Soil Improver) 10 Tbsp	<b>Biozyme</b> 5 Tbsp	<b>OMEX CALMAX</b> 8 Tbsp	<b>Biozyme</b> 5 Tbsp	<b>OMEX CALMAX</b> 8 Tbsp	



SPECIALIST PRODUCTS USE RATE / 16L WATER TANK LOAD			
Specialization	For pre-plant weed clearing		Thrips Specialist
	Systemic long residual effect	Contact quick burn down	
Recommended Specialist	<b>SLASH</b> 16 Tbsp	<b>LIFELINE</b> 16 Tbsp	<b>APO</b> 1.5 - 5 Tbsp



# ONIONS & GARLIC

GROWTH STAGES	Seedbed	Transplanting	Early Vegetative	Late Vegetative	Early Bulb	Bulb Swelling	Bulb Maturation	Harvesting
	1-15 DAS	1-7 DAT	8-20 DAT	21-45 DAT	46-55 DAT	56-65 DAT	66-80 DAT	81-120 DAT
WEEDS	Grasses							
RECOMMENDED HERBICIDES Use Rate / 16L water tank load	<b>Select</b> 24 EC 5 tbsp							
INSECTS	Cutworms / Armyworms				Leafminers			
					Thrips			
	<b>Padan</b> 2 Tbsp		<b>EXECUTE</b> 1.8 EC 2.0 Tbsp	<b>Padan</b> 2 Tbsp	<b>EXECUTE</b> 1.8 EC 2 Tbsp			
DISEASES	Purple Blotch				Anthracnose, Downy Mildew, Early Leaf Blight			
RECOMMENDED FUNGICIDE Use Rate / 16L water tank load	<b>HomeRun 250 EC</b> (Purple Blotch Specialist) 1 Tbsp		<b>Ringo-L 20SC</b> (Systemic) 1 Tbsp	<b>Manzate DF</b> (Contact) 3 Tbsp	<b>Ringo-L 20SC</b> (Systemic) 1 Tbsp	<b>Manzate DF</b> (Contact) 3 Tbsp	<b>Ringo-L 20SC</b> (Systemic) 1 Tbsp	
RECOMMENDED PLANT NUTRITION Use Rate / 16L water tank load	<b>TRANSFORMER</b> (Soil Improver) 10 Tbsp		<b>OMEX DP 98</b> 8 Tbsp (spray at 2 weeks interval)					



SPECIALIST PRODUCTS USE RATE / 16L WATER TANK LOAD			
Specialization	For pre-plant weed clearing		Contact Fungicide in Wettable Powder Formulation
	Systemic long residual effect	Contact quick burn down	
Recommended Specialist	<b>SLASH</b> 16 Tbsp	<b>LIFELINE</b> 16 Tbsp	<b>MANZATE 200</b> 3 Tbsp



# TOMATOES

# BEANS (Sitao, Baguio Beans, Mungbean)

GROWTH STAGES	Seedbed	Vegetative			Flowering to Fruiting			Harvesting	
	1-30 DAS	1-15 DAT	16-30 DAT	31-37 DAT	38-45 DAT	46-52 DAT	53-60 DAT	61-90 DAT	
INSECTS	Cutworms/Ants			Fruitworms					
	Leafminer/ Aphids / Thrips / Whiteflies								
RECOMMENDED INSECTICIDES Use Rate / 16L water tank load	<b>Sumithion</b> 3.0 - 5.0 Tbsp		<b>EXECUTE</b> 2 Tbsp 1.8 EC	<b>METOMIGHT</b> 2.Tbsp 40SP		<b>CHIX</b> 2 Tbsp			
DISEASES	Anthracnose								
	Early and Late Blight								
RECOMMENDED FUNGICIDE Use Rate / 16L water tank load	<b>HomeRun 250 EC</b> (Systemic) 1 Tbsp		<b>Manzate DF</b> (Contact) 3-6 Tbsp	<b>HomeRun 250 EC</b> (Systemic) 1 Tbsp	<b>Manzate DF</b> (Contact) 3-6 Tbsp	<b>HomeRun 250 EC</b> (Systemic) 1 Tbsp	<b>Manzate DF</b> (Contact) 3-6 Tbsp		
RECOMMENDED BIOSTIMULANT & PLANT NUTRITION Use Rate / 16L water tank load	<b>OMEX BIO 20</b> 8 Tbsp	<b>TRANSFORMER</b> (Soil Improver) 10 Tbsp	<b>Biozyme</b> 5 Tbsp	<b>OMEX CALMAX</b> 8 Tbsp	<b>Biozyme</b> 5 Tbsp	<b>OMEX CALMAX</b> 8 Tbsp	<b>Biozyme</b> 5 Tbsp	<b>OMEX CALMAX</b> 8 Tbsp	

Seeds



ASHOKA



MONTAGE



HARABAS RESCUER

GROWTH STAGES	Seedling	Vegetative		Flowering to Fruiting		Harvesting
	1-15 DAS	16 - 22 DAS	23 - 30 DAS	31 - 37 DAS	38 - 45 DAS	46 - 90 DAS
INSECTS	Beanflies	Cutworms/Armyworms/Ants			Leafminers	
	Leafrollers					
	Pod Borers					
	Aphids/Leafhoppers					
RECOMMENDED INSECTICIDES Use Rate / 16L water tank load	<b>METOMIGHT</b> 2 Tbsp 40SP		<b>EPSILON 3E</b> INSECTICIDE 2 Tbsp	<b>METOMIGHT</b> 2 Tbsp 40SP	<b>LEGEND</b> 1 Tbsp	<b>CHIX</b> 2 Tbsp
DISEASES	Downy Mildew					
	Anthracnose					
	Bean Rust					
RECOMMENDED FUNGICIDE Use Rate / 16L water tank load	<b>HomeRun 250 EC</b> (Systemic) 1Tbsp		<b>Manzate DF</b> (Contact) 3 Tbsp	<b>SAPROL 19DC</b> (Systemic) 2 Tbsp	<b>Manzate DF</b> (Contact) 3 Tbsp	<b>SAPROL 19DC</b> (Systemic) 2 Tbsp
RECOMMENDED BIOSTIMULANT & PLANT NUTRITION Use Rate / 16L water tank load	<b>TRANSFORMER</b> (Soil Improver) 10 Tbsp		<b>OMEX BIO 20</b> 8 Tbsp (Spray at 2 weeks interval)			



**INSECT TYPES**

CUTWORMS   LEAFHOPPERS   APHIDS   SHOOT AND FRUIT BORERS   THRIPS   WHITEFLIES

**SPECIALIST PRODUCTS USE RATE / 16L WATER TANK LOAD**

Specialization	For pre-plant weed clearing		Contact Fungicide in Wettable Powder Formulation
	Systemic long residual effect	Contact quick burndown	
Recommended Specialist	<b>SLASH</b> 16 Tbsp	<b>LIFELINE</b> 16 Tbsp	<b>MANZATE 200</b> 3 Tbsp

\*For Talahib

**DISEASES**

Anthracnose   Early Blight   Late Blight

**CALCIUM DEFICIENCY**

Blossom End Rot

**INSECT TYPES**

CUTWORMS   ARMYWORMS   ANTS   LEAFMINER   LEAFROLLERS   POD BORERS   APHIDS

**SPECIALIST PRODUCTS USE RATE / 16L WATER TANK LOAD**

Specialization	For pre-plant weed clearing		For Farmers Who Practice Insecticide Tank - mixing	Contact Fungicide in Wettable Powder Formulation
	Systemic long residual effect	Contact Quick Burn down		
Recommended Specialist	<b>SLASH</b> 16 Tbsp	<b>LIFELINE</b> 16 Tbsp	<b>SUMICIDIN</b> 5 Tbsp	<b>MANZATE 200</b> 3 Tbsp

\*For Talahib

**DISEASES**

Anthracnose   Downy Mildew   Bean Rust

# CRUCIFERS (Cabbage, Pechay)

# CUCURBITS (Watermelons, Melons, Ampalaya, Squash)

GROWTH STAGES	Seedbed		Transplanting	Vegetative			Heading to Head Development			Maturity	Seed	
	1-15 DAS	16-25 DAS	1-7 DAT	8-14 DAT	15-21 DAT	22-28 DAT	29-35 DAT	36-42 DAT	43-49 DAT	50-56 DAT		57-70 DAT
INSECTS	Cutworms / Armyworms			Diamond-back Moths								 <b>TROPICANA</b>
				Webworms								
				Cabbage Worms								
				Leafminers								
RECOMMENDED INSECTICIDES Use Rate / 16L water tank load	<b>Padan</b> + <b>SUMICIDIN</b> 2 Tbsp		<b>BEXAR® 15 SC</b> 5 Tbsp	<b>EXECUTE</b> 1.8 EC 2 Tbsp			<b>BEXAR® 15 SC</b> 2.2 - 3.2 Tbsp	<b>EXECUTE</b> 1.8 EC 2 Tbsp	<b>Padan</b> + <b>SUMICIDIN</b> 2 Tbsp / 5 Tbsp			
DISEASES				Downy Mildew								
				Alternaria Leaf Spot								
RECOMMENDED FUNGICIDE Use Rate / 16L water tank load				<b>HomeRun 250 EC</b> (Systemic) 1 Tbsp	<b>Manzate DF</b> (Contact) 3 Tbsp	<b>HomeRun 250 EC</b> (Systemic) 1 Tbsp	<b>Manzate DF</b> (Contact) 3 Tbsp	<b>SAPROL 19DC</b> (Systemic) 2 Tbsp	<b>Manzate DF</b> (Contact) 3 Tbsp	<b>SAPROL 19DC</b> (Systemic) 2 Tbsp		
RECOMMENDED BIOSTIMULANT & PLANT NUTRITION Use Rate / 16L water tank load	<b>OMEX BIO 20</b> 8 Tbsp		<b>TRANSFORMER</b> (Soil Improver) 10 Tbsp	<b>OMEX BIO 20</b> 8 Tbsp								

GROWTH STAGES	Seedling	Early Runner	Vining	Flowering	Fruit Setting	Fruit Development	Fruit Maturation	Harvesting	Seed	
	0-15 DAS	16-22 DAS	23-30 DAS	31-40 DAS	41-50 DAS	51-60 DAS	61-80 DAS	81-90 DAS		
INSECTS	Squash Beetles			Leafminer						 <b>SWEET GOLD</b>
				Whiteflies/Thrips/Aphids						
				Melon Worms						
				Fruit Flies						
RECOMMENDED INSECTICIDES Use Rate / 16L water tank load	<b>METO MIGHT</b> 2.5-3.5 Tbsp			<b>EXECUTE</b> 1.8 EC 2 Tbsp	<b>APO</b> INSECTICIDE 1.5 - 5 Tbsp	<b>Padan</b> 2 Tbsp	<b>EXECUTE</b> 1.8 EC 2 Tbsp	<b>Padan</b> 2 Tbsp		
DISEASES				Scab						
				Downy Mildew, Anthracnose						
RECOMMENDED FUNGICIDE Use Rate / 16L water tank load				<b>Manzate DF</b> 3-6 Tbsp						
RECOMMENDED BIOSTIMULANT & PLANT NUTRITION Use Rate / 16L water tank load	<b>TRANSFORMER</b> (Soil Improver) 10 Tbsp		<b>OMEX CALMAX</b> 8 Tbsp	<b>Biozyme</b> 50 ml	<b>OMEX CALMAX</b> 8 Tbsp	<b>Biozyme</b> 50 ml	<b>OMEX CALMAX</b> 8 Tbsp			

  
**SWEET GOLD**

  
**SVKR7070**

### INSECT TYPES



CUTWORMS    ARMYWORMS    DIAMOND-BACK MOTH    WEBWORMS    CABBAGE WORMS    LEAF MINERS

### SPECIALIST PRODUCTS USE RATE / 16L WATER TANK LOAD

Specialization	For pre-plant weed clearing			
	For Control of Slugs	Systemic long residual effect	Contact quick burn down	Soil Conditioner and Growth Agent
Recommended Specialist	BAYONET Spot Application	SLASH 16-36* Tbsp	LIFELINE 16-22* Tbsp	LIMELITE 40g
				MANZATE 200 3-6 Tbsp

\*For talahib

### DISEASES



Downy Mildew    Alternaria Leaf-Spot

### INSECT TYPES



SQUASH BEETLES    LEAFMINERS    WHITEFLIES    THRIPS    APHIDS    MELON WORM    FRUIT FLIES

### SPECIALIST PRODUCTS USE RATE / 16L WATER TANK LOAD

Specialization	For pre-plant weed clearing		Contact Fungicide in Wettable Powder Formulation
	Systemic long residual effect	Contact quick burn down	
Recommended Specialist	SLASH 16-36* Tbsp	LIFELINE 16-22* Tbsp	MANZATE 200 3-6 Tbsp

\*For talahib

### DISEASES



Downy Mildew    Anthracnose    Scab