

PRODUCT APPLICATION MANUAL



Marketed By :



Powered By :



www.hollandbiotech.com & www.aryabiotech.com

Great work brings good people together!

Taking care of Crop Nutrition at each life stage



This product application manual is intended to ease the understanding about the application schedule of the products enclosed in various crops. We have worked on distinct crops in various regions and different climatic conditions, and we further try to expand our knowledge and applications to other regions. Based on the crop, soil and region, we develop unique 'package of practices' using our products, so the users can expect best results. Here within, we've provided illustrative application schedules for common crops from sowing/ transplantation till harvesting, which can be applied to related crops.

Organic carbon is crucial for healthy soils and we're witnessing a drop in soil organic carbon worldwide. Additionally, nutrient deficiencies are rampant in the soils of the world, for example 30% of soils in India are boron-deficient. To eliminate deficiencies and promote holistic growth of a crop, our ENGIMINS range supplies the necessary nutrients in a bio-available form, avoiding the evident wastage of nutrients. This product range includes combinations of several trace nutrients such as zinc, boron, magnesium, manganese, copper and iron along with major nutrients like organic carbon, nitrogen, phosphorous, potassium, calcium and sulphur. These products are complemented with our soil conditioners, manures and bio-stimulants.

PRODUCTS IN THE APPLICATION SCHEDULES

NANOWISE	MIXMIN
ARYAMAN	AGAIN
BALADA	AFRESHH
ARYAROOT	SHIELD
MINTY	NEEMAX



Inspected by Ecocert SA F-32600, Inputs suitable for use in Organic farming, according to (EC) n° 834/2007 & 889/2008 | Regulations Inspected by

Ecocert SA F-32600, Input suitable for organic farming, Product Compliant Under NOP

At Holland Bio Technologies and Arya Biotechnologies, we help develop and create healthy and organic farms for the agrarian community as a whole! All our farm-inputs are ECOCERT attested.

We also manufacture nutrient formulations for specialty crops and feed supplements/additives for livestock and poultry.

Field Applications

Tomato

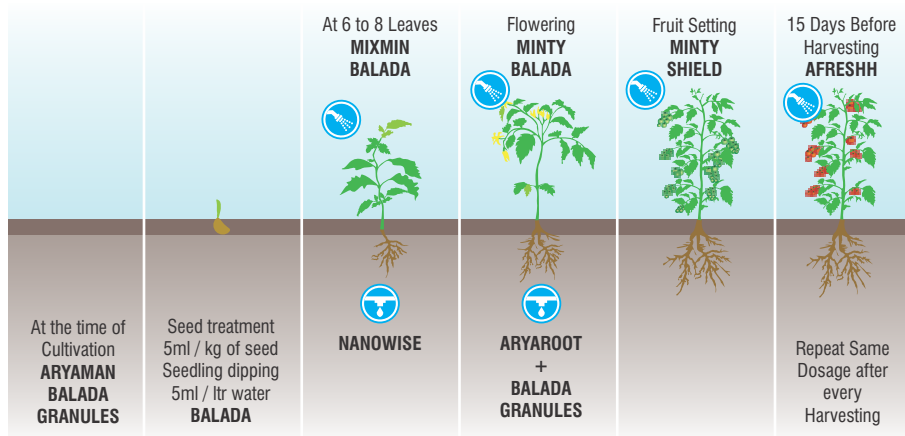
Dosage of each liquid product

Spray Application : 3 to 5 ml / Ltr. water

Drip Application : 2.5 Ltr. / Hectare with appropriate quantity of water

Soil Application : **ARYAMAN** - 750kg / Hectare

BALADA GRANULES - 75kg / Hectare



Apply **SHIELD** through spray or soil at the time of fungal attack and apply **NEEMAX** through spray at the time of insect infestation

Field Applications

Wheat

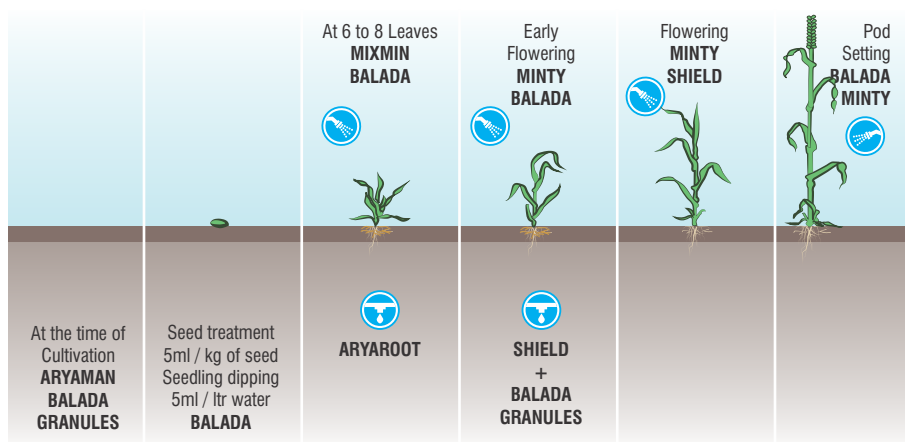
Dosage of each liquid product

Spray Application : 3 to 5 ml / Ltr. water

Drip Application : 2.5 Ltr. / Hectare with appropriate quantity of water

Soil Application : **ARYAMAN** - 750kg / Hectare

BALADA GRANULES - 75kg / Hectare



Apply **SHIELD** through spray or soil at the time of fungal attack and apply **NEEMAX** through spray at the time of insect infestation

Field Applications

Sugarbeet

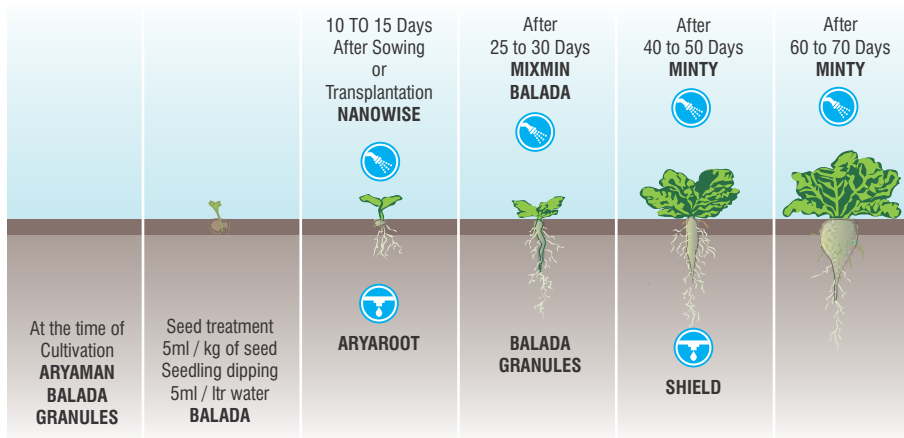
Dosage of each liquid product

Spray Application : 3 to 5 ml / Ltr. water

Drip Application : 2.5 Ltr. / Hectare with appropriate quantity of water

Soil Application : **ARYAMAN** - 750kg / Hectare

BALADA GRANULES - 75kg / Hectare



Apply **SHIELD** through spray or soil at the time of fungal attack and apply **NEEMAX** through spray at the time of insect infestation

Field Applications

Potato

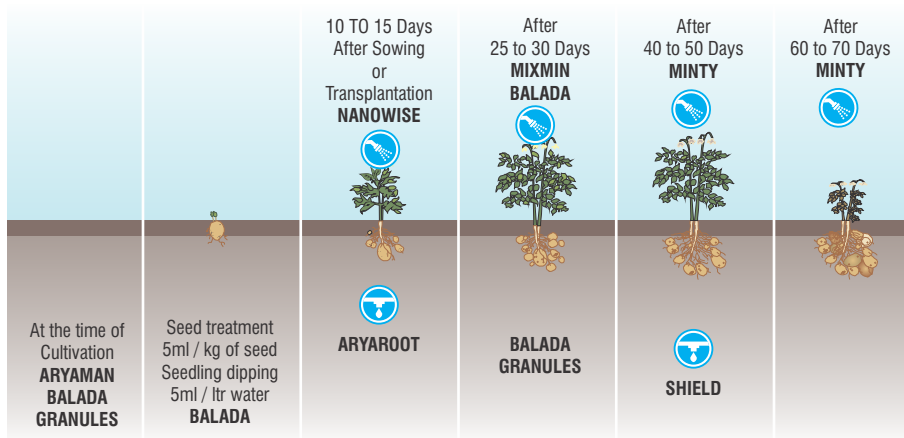
Dosage of each liquid product

Spray Application : 3 to 5 ml / Ltr. water

Drip Application : 2.5 Ltr. / Hectare with appropriate quantity of water

Soil Application : **ARYAMAN** - 750kg / Hectare

BALADA GRANULES - 75kg / Hectare



Apply **SHIELD** through spray or soil at the time of fungal attack and apply **NEEMAX** through spray at the time of insect infestation

Field Applications

Citrus

Dosage of each liquid product









Spray Application : 3 to 5 ml/ Ltr. water

Drip Application : 2.5 Ltr. / Hectare with appropriate quantity of water

Soil Application : **ARYAMAN** - 1250kg/ Hectare

BALADA GRANULES - 75kg/ Hectare



	Non Fruiting Stage NANOWISE BALADA SHIELD MIXMIN	Flowering Stage BALADA MINTY MIXMIN	Early Fruit Setting AGAIN BALADA	Fruit Setting MINTY SHIELD	3 Weeks Before Harvesting AFRESHH
					
At the time of Cultivation ARYAMAN BALADA GRANULES	 ARYAROOT	 ARYAROOT + ARYAMAN BALADA GRANULES	 SHIELD + BALADA GRANULES		A) At non fruiting stage use alternative product every month B) Repeat Same Dosage after every Harvesting

Apply **SHIELD** through spray or soil at the time of fungal attack and apply **NEEMAX** through spray at the time of insect infestation

Field Applications

Strawberry

Dosage of each liquid product









Spray Application : 3 to 5 ml/ Ltr. water

Drip Application : 2.5 Ltr. / Hectare with appropriate quantity of water

Soil Application : **ARYAMAN** - 750kg/ Hectare

BALADA GRANULES - 75kg/ Hectare



	At non Fruiting stage NANOWISE	At new Leaves growing stage BALADA	Flowering stage MINTY BALADA	Fruit Setting MIXMIN BALADA	15 Days Before Harvesting AFRESHH
					
At the time of Cultivation ARYAMAN BALADA GRANULES	 ARYAROOT		 SHIELD + BALADA GRANULES	 ARYAROOT	Repeat Same Dosage after every Harvesting

Apply **SHIELD** through spray or soil at the time of fungal attack and apply **NEEMAX** through spray at the time of insect infestation

Field Applications

Grapes

Dosage of each liquid product

Spray Application : 3 to 5 ml / Ltr. water

Drip Application : 2.5 Ltr. / Hectare with appropriate quantity of water

Soil Application : **ARYAMAN** - 750kg / Hectare

BALADA GRANULES - 75kg / Hectare



	Non Fruiting Stage NANOWISE BALADA SHIELD MIXMIN	Bud-breaking BALADA MINTY MIXMIN	Blooming NANOWISE BALADA	Fruit Setting MINTY BALADA	3 Weeks Before Harvesting AFRESHH
At the time of Cultivation ARYAMAN BALADA GRANULES	 ARYAROOT	 ARYAROOT + ARYAMAN BALADA GRANULES	 SHIELD + BALADA GRANULES	 SHIELD	A) At non fruiting stage use alternative product every month B) Repeat Same Dosage after every Harvesting

Apply **SHIELD** through spray or soil at the time of fungal attack and apply **NEEMAX** through spray at the time of insect infestation

Field Applications

Cabbage

Dosage of each liquid product

Spray Application : 3 to 5 ml / Ltr. water

Drip Application : 2.5 Ltr. / Hectare with appropriate quantity of water

Soil Application : **ARYAMAN** - 750kg / Hectare

BALADA GRANULES - 75kg / Hectare



		15 Days after Sowing or Transplantation BALADA	30 Days after Sowing or Transplantation MINTY BALADA	45 Days after Sowing or Transplantation MINTY	15 Days Before Harvesting AFRESHH
At the time of Cultivation ARYAMAN BALADA GRANULES	Seed treatment 5ml / kg of seed Seedling dipping 5ml / ltr water BALADA	 ARYAROOT	 NANOWISE + BALADA GRANULES	 SHIELD	

Apply **SHIELD** through spray or soil at the time of fungal attack and apply **NEEMAX** through spray at the time of insect infestation

Field Applications

Soybean

Dosage of each liquid product













Spray Application : 3 to 5 ml / Ltr. water

Drip Application : 2.5 Ltr. / Hectare with appropriate quantity of water

Soil Application : **ARYAMAN** - 750kg / Hectare

BALADA GRANULES - 75kg / Hectare



		2 to 3 Leaves BALADA	6 to 8 Leaves BALADA NANOWISE	Flowering + Pod setting MIXMIN BALADA MINTY	Pod-maturation AFRESHH MINTY
					
					
					
At the time of Cultivation ARYAMAN BALADA GRANULES	Seed treatment 5ml / kg of seed Seedling dipping 5ml / ltr water BALADA	ARYAROOT	SHIELD	ARYAROOT BALADA GRANULES	SHIELD

Apply **SHIELD** through spray or soil at the time of fungal attack and apply **NEEMAX** through spray at the time of insect infestation

Field Applications

Sunflower

Dosage of each liquid product













Spray Application : 3 to 5 ml / Ltr. water

Drip Application : 2.5 Ltr. / Hectare with appropriate quantity of water

Soil Application : **ARYAMAN** - 750kg / Hectare

BALADA GRANULES - 75kg / Hectare



		6 to 8 Leaves BALADA NANOWISE	Flowering BALADA MIXMIN	Pod setting MINTY	Pod-maturation AFRESHH MINTY
					
					
					
At the time of Cultivation ARYAMAN BALADA GRANULES	Seed treatment 5ml / kg of seed Seedling dipping 5ml / ltr water BALADA	ARYAROOT	SHIELD + BALADA GRANULES	ARYAROOT	SHIELD

Apply **SHIELD** through spray or soil at the time of fungal attack and apply **NEEMAX** through spray at the time of insect infestation

Field Applications

Paddy / Rice

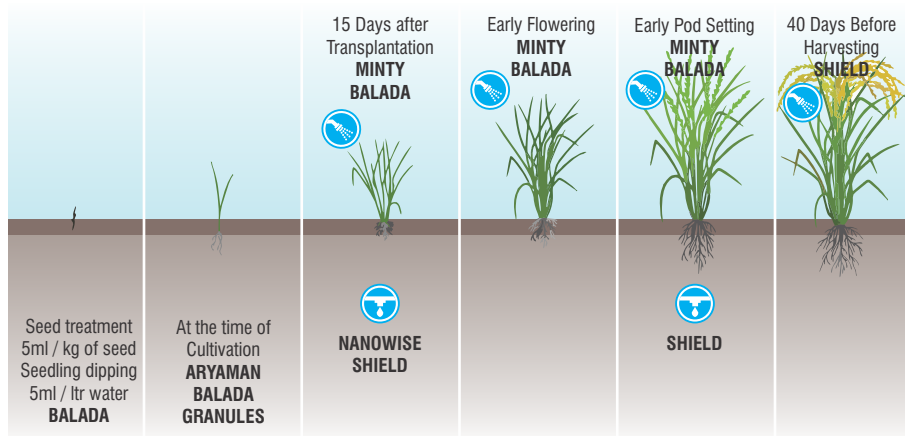
Dosage of each liquid product

Spray Application : 3 to 5 ml / Ltr. water

Drip Application : 2.5 Ltr. / Hectare with appropriate quantity of water

Soil Application : **ARYAMAN** - 750kg / Hectare

BALADA GRANULES - 30kg / Hectare



Apply **SHIELD** through spray or soil at the time of fungal attack and apply **NEEMAX** through spray at the time of insect infestation

Field Applications

Sugarcane

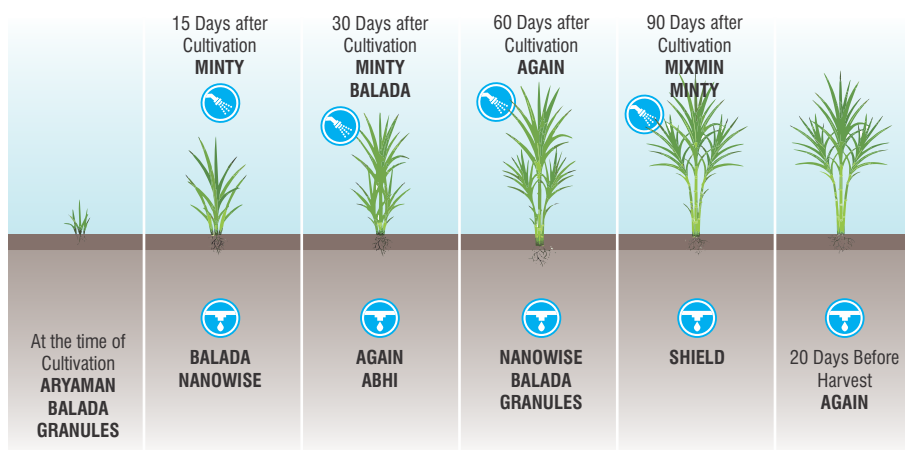
Dosage of each liquid product

Spray Application : 3 to 5 ml / Ltr. water

Drip Application : 2.5 Ltr. / Hectare with appropriate quantity of water

Soil Application : **ARYAMAN** - 750kg / Hectare

BALADA GRANULES - 30kg / Hectare



Apply **SHIELD** through spray or soil at the time of fungal attack and apply **NEEMAX** through spray at the time of insect infestation

Field Applications

Banana

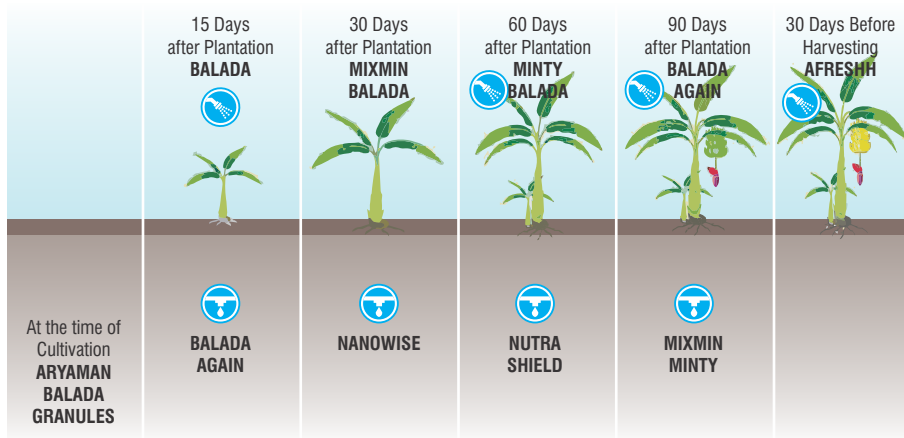
Dosage of each liquid product

Spray Application : 3 to 5 ml / Ltr. water

Drip Application : 2.5 Ltr. / Hectare with appropriate quantity of water

Soil Application : **ARYAMAN** - 750kg / Hectare

BALADA GRANULES - 30kg / Hectare



Apply **SHIELD** through spray or soil at the time of fungal attack and apply **NEEMAX** through spray at the time of insect infestation

Field Applications

Tobacco

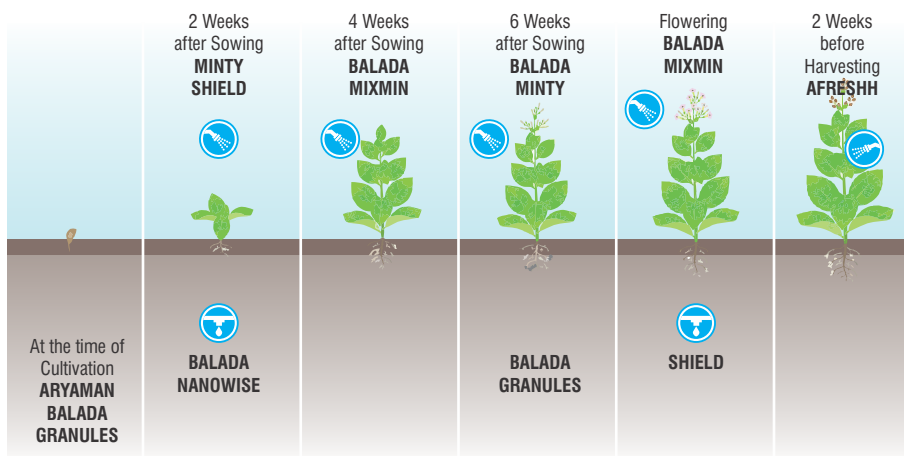
Dosage of each liquid product

Spray Application : 3 to 5 ml / Ltr. water

Drip Application : 2.5 Ltr. / Hectare with appropriate quantity of water

Soil Application : **ARYAMAN** - 750kg / Hectare

BALADA GRANULES - 30kg / Hectare



Apply **SHIELD** through spray or soil at the time of fungal attack and apply **NEEMAX** through spray at the time of insect infestation

Field Applications

Pepper / Chilly

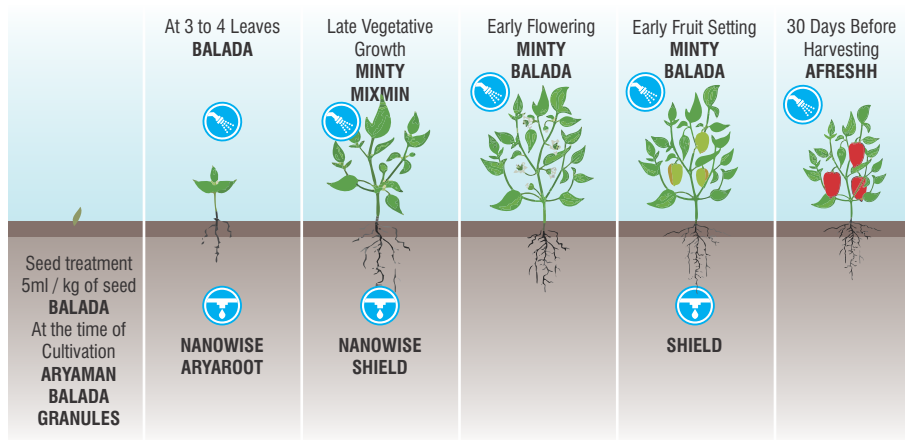
Dosage of each liquid product

Spray Application : 3 to 5 ml / Ltr. water

Drip Application : 2.5 Ltr. / Hectare with appropriate quantity of water

Soil Application : **ARYAMAN** - 750kg / Hectare

BALADA GRANULES - 30kg / Hectare



Apply **SHIELD** through spray or soil at the time of fungal attack and apply **NEEMAX** through spray at the time of insect infestation

Field Applications

Cotton

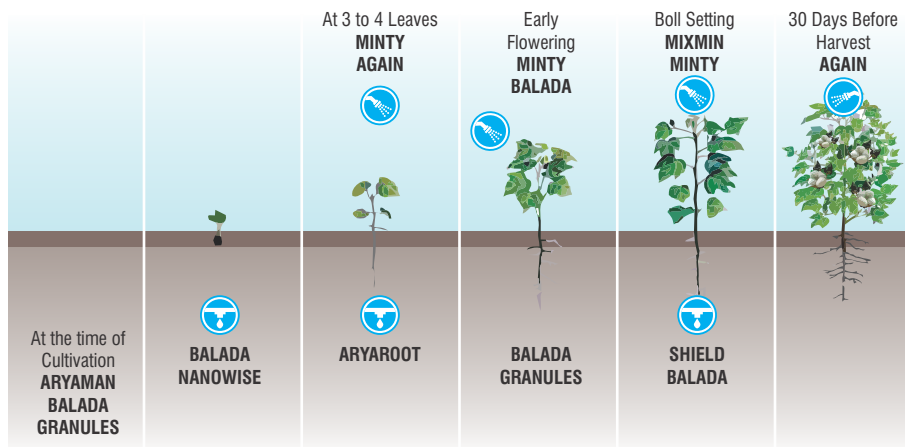
Dosage of each liquid product

Spray Application : 3 to 5 ml / Ltr. water

Drip Application : 2.5 Ltr. / Hectare with appropriate quantity of water

Soil Application : **ARYAMAN** - 750kg / Hectare

BALADA GRANULES - 30kg / Hectare



Apply **SHIELD** through spray or soil at the time of fungal attack and apply **NEEMAX** through spray at the time of insect infestation

Field Applications

Avocado

Dosage of each liquid product










Spray Application : 3 to 5 ml / Ltr. water

Drip Application : 2.5 Ltr. / Hectare with appropriate quantity of water

Soil Application : **ARYAMAN** - 750kg / Hectare

BALADA GRANULES - 30kg / Hectare



	Late Vegetative Growth MIXMIN BALADA 	Early Bud Development MINTY NUTRA 	Early Flowering AGAIN BALADA 	Fruit Setting AGAIN 	30 Days Before Harvesting AFRESHH 
At the time of Transplantation ARYAMAN	 ARYAROOT		 NUTRA SHIELD	 NUTRA MINTY	Repeat Same Dosage after every Harvesting

Apply **SHIELD** through spray or soil at the time of fungal attack and apply **NEEMAX** through spray at the time of insect infestation

Field Applications

Coffee

Dosage of each liquid product










Spray Application : 3 to 5 ml / Ltr. water

Drip Application : 2.5 Ltr. / Hectare with appropriate quantity of water

Soil Application : **ARYAMAN** - 750kg / Hectare

BALADA GRANULES - 30kg / Hectare



	4 Weeks after Sowing MINTY BALADA 	8 Weeks after Sowing MINTY MIXMIN 	Early Flowering BALADA MINTY 	Flowering MINTY MIXMIN 	3 Weeks before Harvesting AFRESHH 
At the time of Cultivation ARYAMAN BALADA GRANULES	 ARYAROOT NANOWISE	 BALADA SHIELD	BALADA GRANULES	 SHIELD BALADA	Repeat Same Dosage after every Harvesting

Apply **SHIELD** through spray or soil at the time of fungal attack and apply **NEEMAX** through spray at the time of insect infestation

Field Applications

Olive

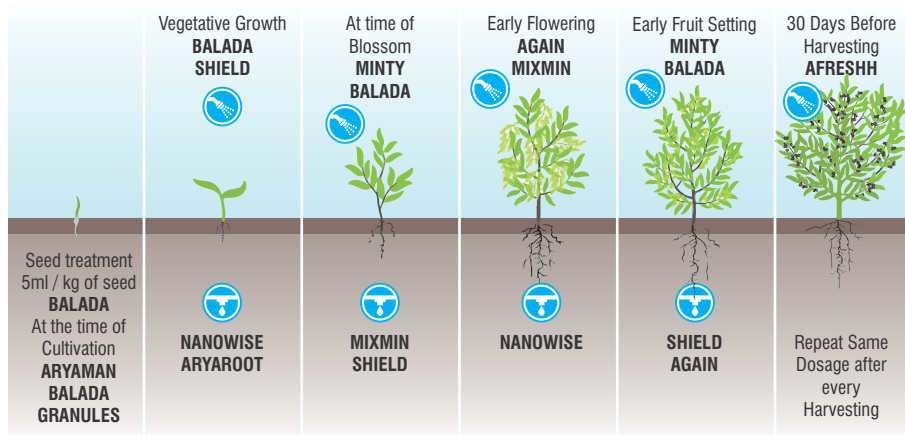
Dosage of each liquid product

Spray Application : 3 to 5 ml / Ltr. water

Drip Application : 2.5 Ltr. / Hectare with appropriate quantity of water

Soil Application : **ARYAMAN** - 750kg / Hectare

BALADA GRANULES - 30kg / Hectare



Apply **SHIELD** through spray or soil at the time of fungal attack and apply **NEEMAX** through spray at the time of insect infestation

Field Applications

Mango

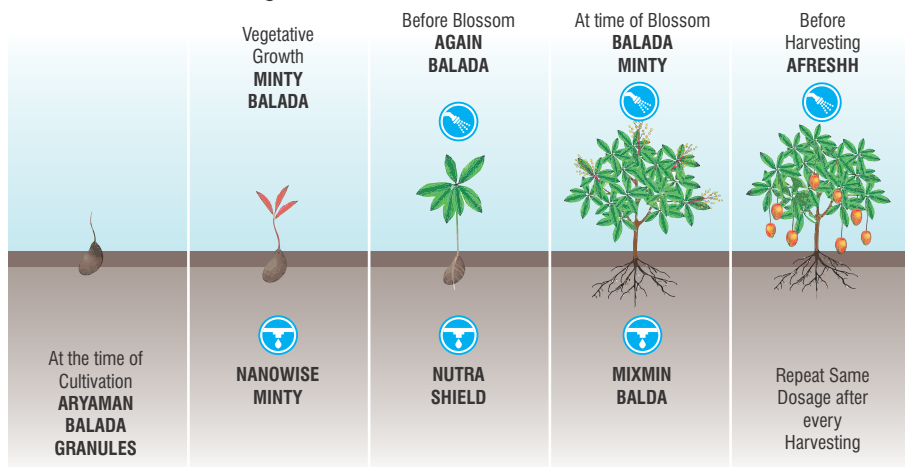
Dosage of each liquid product

Spray Application : 3 to 5 ml / Ltr. water

Drip Application : 2.5 Ltr. / Hectare with appropriate quantity of water

Soil Application : **ARYAMAN** - 750kg / Hectare

BALADA GRANULES - 30kg / Hectare



Apply **SHIELD** through spray or soil at the time of fungal attack and apply **NEEMAX** through spray at the time of insect infestation

Field Applications

Apple

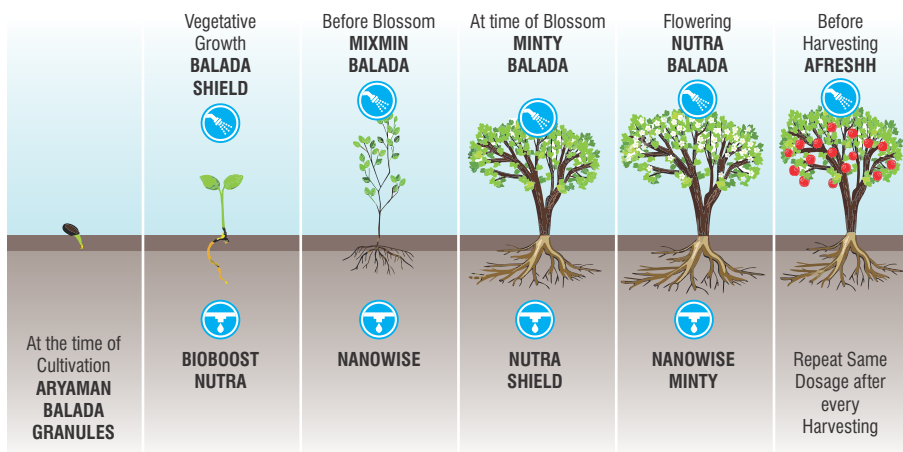
Dosage of each liquid product

Spray Application : 3 to 5 ml / Ltr. water

Drip Application : 2.5 Ltr. / Hectare with appropriate quantity of water

Soil Application : **ARYAMAN** - 750kg / Hectare

BALADA GRANULES - 30kg / Hectare



Apply **SHIELD** through spray or soil at the time of fungal attack and apply **NEEMAX** through spray at the time of insect infestation

Field Applications

Fig

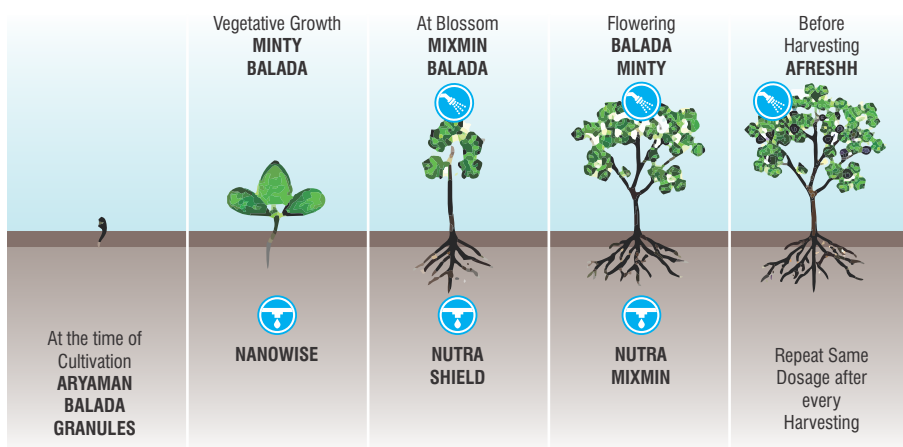
Dosage of each liquid product

Spray Application : 3 to 5 ml / Ltr. water

Drip Application : 2.5 Ltr. / Hectare with appropriate quantity of water

Soil Application : **ARYAMAN** - 750kg / Hectare

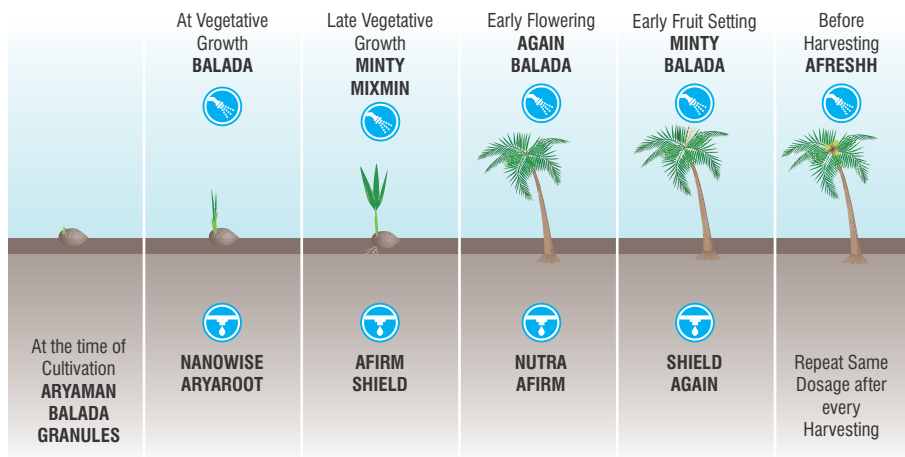
BALADA GRANULES - 30kg / Hectare



Apply **SHIELD** through spray or soil at the time of fungal attack and apply **NEEMAX** through spray at the time of insect infestation

Coconut

BALADA GRANULES - 30kg / Hectare



Apply **SHIELD** through spray or soil at the time of fungal attack and apply **NEEMAX** through spray at the time of insect infestation

Notes

Notes

Herbal Microbiological Vital Organic Crisp Residue Free Natural Fresh Ecological Revolutionary Bio available



OUR PRESENCE



Marketed By :



A unit of ITAC Amsterdam

Powered By :



M.S. India

Find us on



Address : Grote Wade 64 3439NS,
Nieuwegein, the Netherlands.

E-mail : info@hollandbiotech.com

Contact : +31 307370408 / 615404437

www.hollandbiotech.com & www.aryabiotech.com

Holland Bio Technologies, official Sales Representative /
Distributor of Arya Biotechnologies, India for Europe, Middle East, West and North Africa