Healthy Fields: Managing Plant Health

Ву

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TNRH 29 rice in organic SRI Harvesting stage

- Irrigation with Fruit gaudi 4 times
- Application of MEM 2 times
- No.of Sprays: 4 times
- Release of parasites: 4 times





Growth Promoters used

- 2. Archea solution
- 3. Conc. Amudham Sol
- 4.Panchakavya
- 5. Butter Milk Sol
- 6.Fish / Egg Extract
- 7.Leaf Extract Sol-pest
- control
- 8.TFPE- MN Supplement

Organic attur kichadisamba

- Irrigation with Fruit gaudi: 2 times
- Application of MEM: Nil
- No.of Sprays: 2 times
- Release of parasites: 2 times





Growth Promoters used

- Archea solution
- Conc. Amudham Sol
- Panchakavya
- Butter Milk Sol
- Fish / Egg Extract Nil
- Leaf Extract Sol-pest control
- •TFPE- MN Supplement Nil





Organic Hybrid Maize Variety

- Irrigation with Fruit gaudi 10 times
- No. of Sprays: 2 to 4 times
- Release of parasites:nil

Bioitems used for pest control

- √ For sucking pest
- √ Verticilium & Metarhizium
- ✓ B.subtilis, paicelomyces &

VAM

Root Grub: Prangni & Meta

Note: Favourable condition – Own Preparation, under unfavourable cond- Omn prep+ Bioitems, This is adopted for all crops.

kadali banana



- Irrigation with Fruit gaudi 20 times
- Application of MEM 1 time basal during planting.
- No.of Sprays: 12 times
- Release of parasites: 4 times for stem Borer

Average bunch weight- 9 kgs



Bioitems used for Disease Control

✓ Pseudomonas

√T. virdi & T.harsiyanum

✓B.subtilis, paicelomyces & VAM

Root Grub : Prangni & Meta

Pseudostem Spliting:

Butter Milk + PF - Injection 5mL / Tree

Organic Turmeric

- Irrigation with Fruit gaudi 4 times
- Application of MEM 4 times during rainy season- NH for microbes
- No. of Sprays: 2 to 12 times
- Thrips & Fungal Disease Control



so much of biomass at the time of harvesting



Bioitems used for Disease Control

- ✓ Pseudomonas
- √T. virdi & T.harsiyanum
- √B.subtilis, paicelomyces & VAM

Bioitems for thrips

➤Verticilium & Metarhizium

Leaf attack by fungal diseases

Butter milk+Arches+PF







Organic Sugarcane

- Irrigation with Fruit gaudi 20 times
- Application of MEM 2 times for root grub.
- No. of Sprays: 2 to 4 times in early stage.
- Release of parasites: 6 times for Internode Borer3 times for Top Shoot Borer

Bioitems used for Disease Control

- ✓ Pseudomonas,T. virdi & VAM
- ✓ For Root Grub B.bronbniartii + Metarhizium

For vegetable crops

- Irrigation with Fruit gaudi 10 times
- Application of MEM 2 times
- No.of Sprays: 8 to12 times
- Release of parasites: 4 to 6 times Japanicum, kailonis, Braconids, crysopha, redduvit bug

Growth Promoters used

- 2. Archea solution
- 3.Conc. Amudham Sol
- 4.Panchakavya
- 5.Butter Milk Sol
- 6.Fish / Egg Extract
- 7.Leaf Extract Sol-pest control
- 8.TFPE- MN Supplement

During Unfavourable Condition

Bioitems used for Disease Control

- ✓ Pseudomonas
- √T. virdi & T.harsiyanum
- √ B.subtilis, paicelomyces & VAM

For sucking pest

√ Verticilium & Metarhizium

For Borers & caterpillars

B.Bassiana & Metarhizium.

For Root Grub:

✓ - B.bronbniartii + Metarhizium

Preparation of MEM (micro organisms Enriched Mixture)

• To control soilborne diseases, nematodes, root grubs



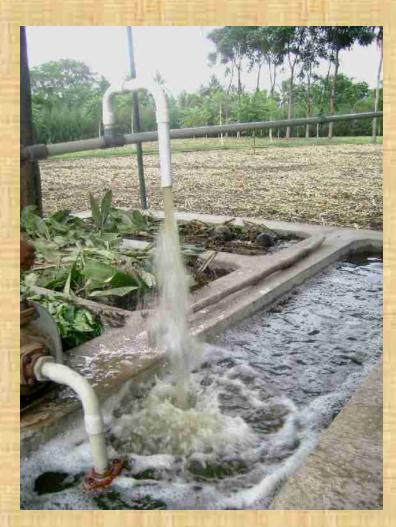


Fruit Gaudi Preparation Tanks



Fruit Gaudi Preparation tank Gaudi collection tank

Fruit





Decaying of Pest Infested plant shoots in Fruit gaudi preparation



Application of Fruit Gaudi through Irrigation





Preparation of Archea bacterial solution

- -- to increase the microbial load of all Bio items
- -- to reduce the external input cost.
- an excellent contribution by

Shri G.Balakrishnan,a retired civil engineer, ellankad village ,Thanjavur DT,Tamilnadu

Pest & Disease Control

Guided Shri L. Narayana Reddy

Basic principles reference from Prof. Dhabolkar, Maharastra

My sincere respects & regards to Mr. Claude Alvares

Spray combinations & Various own preparations



THANK YOU FOR ALL YOUR EARS PRESENT HERE