



The new-age Bio advantage
for the tea industry



*Products formulated with the
Microbial strains obtained from
Tocklai Tea Research Institute, TRA, Jorhat*

**BG GOLD
TRICHO**

**BG GOLD
TRICHO (L)**

**BG GOLD
NITRO BOOSTER**

**BG GOLD
VERMICOMPOST**

**BG GOLD
PHOSPHO BOOSTER**

**BG GOLD
GROW MORE**



About the Company: For past many years **North East Green Tech Pvt. Ltd.** has established itself as a company endeavouring to provide eco-friendly organic bio enhancers and has been at the forefront of producing vermicompost based bio-fertilizers in North East India.

The past decade has seen a major destructive change in the soil health with rampant use of chemical fertilizers directly affecting the quality and quantity of crop . NEGT's R&D team focused on capitalizing the certain native essential micro-organisms viz. *Rhizobium*, *Azotobacter*, *Azospirillum* and Phosphate Solubilising Microbes present in the soil that help in crop growth. Such microbes are cultured in the laboratory and the eco-friendly bio-fertilizers are produced according to the need of different crops. NEGT's products now have proven to be a great advantage for the output sensitive tea industry and quality conscious tea growers.

Our quest for Green answers is never ending.

BG Gold –Tricho

Available in 5 kg, 10 kg & 50 kg bags



A vermicompost based *Trichoderma* formulation containing *Trichoderma viride* formulation (cfu load: 4.5×10^8 /gm), a widely used biocontrol agent for controlling several major diseases of tea plants.

The *Trichoderma* strain obtained from Tocklai Tea Research Institute, TRA was isolated from tea ecosystem of Assam and widely tested against major tea diseases like Branch cum root canker, Charcoal stump rot, Brown root rot and *Fusarium* dieback of tea. Moreover it is established as a plant growth enhancer when applied both in soil and on foliage.

Mode of application:

For controlling Root disease:

During planting : 50-70 gms per planting pit mixing thoroughly with the excavated soil.

In standing tea: 150-200 kgs/ha as broadcast after receiving approximately 10 inches of rainfall.

For controlling branch diseases:

Soak 20 kgs of the formulation in 100 litres of water for overnight, strain through muslin cloth, make up the volume to 200 litres with water and spray on the affected branches and leaves.

BG Gold –Tricho (L)

Available in 1 lit, 5 lit & 10 lit jars



It is the liquid version of *Trichoderma* formulation highly effective for controlling major fungal diseases like branch cankers, *Fusarium* Dieback and Root rots of tea. It also helps in bud breaking and enhancing the crop when applied as foliar spray. *Trichoderma* cfu is maintained at 10^8 /ml and shelf- life is upto 6 months under room temperature. This strain of *Trichoderma viride* is obtained from TRA, Tocklai and well tested in the tea fields of North East India.

Mode of application:

For protection of pruning cuts and hail damages: as 5 – 7% cfu spray.

For controlling *Fusarium* die back: as 5 -10% cfu spray.

For controlling root diseases: 20 lits of the formulation mixing thoroughly with 2000 kgs of organic manure/BG Gold-vermicompost @ 40-50 grams per planting pit.

BG Gold –Grow more

Available in 1 lit, 5 lit & 10 lit jars

This is a broth consortium of *Azotobacter*, *Azospirillum* and *Bacillus subtilis*, highly effective in enhancing vegetative growth of the tea plant as well as crop yield both in young and mature teas. Desired level of cfu count of each bacterium is maintained above 10^8 /ml and the shelf life of which is about 180 days at a temperature range of 20-30° C. All these bacterial strains are obtained from Tocklai Tea Research Institute, TRA well tested in the field for their efficiency and established as 10-25% crop enhancer.

Mode of application:

3-5% as foliar spray, 4-6 rounds in a year.



BG Gold –Phospho Booster

Available in 1 kg, 5 kg, 10 kg & 50 kg bags

A biofertilizer formulation comprising *Bacillus subtilis*, an efficient phosphate solubilizing bacteria isolated from tea ecosystem enriched with vermicompost. This strain of the bacterium is also obtained from Tocklai Tea Research Institute, TRA and established as a highly effective phosphate solubilizer cum growth enhancer in tea plantation.

Mode of application:

50-60gm /plant in young teas or 150-200 kg /ha as broadcast.

3-5% as foliar spray, 4-6 rounds in a year.



BG Gold –Nitro Booster

Available in 1 kg, 5 kg, 10 kg & 50 kg bags



It is a biofertilizer formulation comprising two strains of *Azotobacter* and *Azospirillum* isolated from tea soil of Assam. The carrier media used for these nitrogen fixers is Vermicompost. This formulation is highly effective both as soil application and foliar spray in tea plantation. The nitrogen fixing bacterial strains used in this formulation are obtained from Tocklai Tea Research Institute, TRA, and extensively tested both in young and mature teas which have the capability of enhancing the crop yield by 10-15%.

Mode of application:

50-70 gm/plant in young teas or 150-200 kg /ha as broadcasting.

3-5% as foliar spray, 4-6 rounds in a year.

Our facilities



BG Gold –VermiCompost

Available in 5 kg,10 kg & 50 kg bags



It is a vermicompost formulation where cowdung and vegetable wastes are used as major feed. This formulation is enriched with several beneficial microbes isolated from tea ecosystem and made suitable for planting pit application in particular and as broadcast in general.

Mode of application:

50-70 gm/pit during planting

150-200 kgs /ha as broadcast.





Products developed under the technical guidance of



Dr.B.K.Barthakur

Director - Technical, North East Green Tech Pvt. Ltd

(Former Head, Plant Protection Division and Mycology & Microbiology Deptt, TRA, Tocklai.)



Manufactured & marketed by:

NORTH EAST GREEN TECH (P) LTD.

(An associate member of TRA, Tocklai)

ANURADHA Complex, Bamunimaidam, Guwahati - 781 021

Ph: 8822777444

Email: 2csharma@gmail.com negt2013@gmail.com