NBS ROOT MAX™

(Organic Fertilizer Foliar spray)

NBS ROOT MAX™ is a premium amenity turf and soil enhancer tonic, formulated with Organic Matter, Organic Carbon, and Organic NPK to improve soil structure, nutrient availability, and overall landscape health.

Suitable for: Lawns, sports turf, golf courses, and ornamental landscapes.

Key Performance:

- Strengthens amenity grass, shrubs, and trees against wear, drought, and stress and promotes greenery.
- Feeds beneficial microbes, improving soil fertility and structure.
- Supports the establishment and efficiency of microbial bio-fertilisers and biopesticides.
- Helps soil retain moisture and deliver nutrients efficiently for healthier landscapes.
- Safe to use on all plants and compatible with most soluble bio-nutrients.

Growth Stage: Planting and establishment

Recommendation: Jar test before application if not sure and treat a small section of plants first to check safety of mixtures.

Crop Application	Foliar	Fertigation/Soil Drench	Frequency Turf
Turf - Newly Planted		Fertigate at 300 mL/1000 m² (3 L/ha) Drench or soil spray, dilution 1:200	At planting, repeat in 10 days
Turf - Established, Tonic			Repeat every 10-14 days
Transplant Ornamentals	2-3 mL per L of water. Wet foliage	Soak pots or drench soil, dilution 1:200	At planting, repeat in 10 days
Nursery Landscape Stock	to run-off	Water young stock with 1:400 dilution, increasing to 1:200 while hardening off	As required
Stress Rescue Remedy		Fertigate or Drench, dilution 1:200	As required to reduce stress

NBS YIELD BOOSTER™

(Organic Fertilizer Foliar Spray)

NBS YIELD BOOSTER™ is an organic foliar fertiliser containing organic matter, plant-derived organic carbon sources, organic N-P-K, and plant extract auxins that enhance nutrient absorption, improve plant resilience and boost overall turf quality.

Suitable for: Lawns, turf, ornamental plants, and landscapes.

Key Performance:

- Enhances macro and micro-nutrient availability for sustained turf and plant health.
- Improves photosynthesis by increasing chlorophyll production, optimising energy conversion and nitrogen absorption for greener, healthier landscapes.
- Boosts plant stamina, enhances natural immunity through SAR and improves the overall health of turf and plants.

Growth Stage: Throughout the growing season

Compatible in tank-mixes with foliar fertilizers and other bio nutrients under normal spraying conditions. Jar test before application if not sure and treat a small section of plants first to check safety of mixtures.

Crop Application	Dosage	Comment
All turf and ornamentals	2-4 ml per litre of water vigour.	Vary dosage with plant
Nurseries and young	2ml per litre of water	Avoid hottest time of day

NBS K-35™

(Organic Fertiliser Foliar Spray)

NBS K-35™ is a high-analysis, pH-buffered liquid potassium complexed with organic acids, designed to overcome pH-related uptake issues and provide a super-available form of potassium to the turf.

Suitable for: Lawns, turf, ornamental plants, and landscapes.

Key Performance:

- 35% liquid K (non-nitrate or sulphate form)
- pH buffered potassium fertiliser for improved uptake.
- Promotes richer colour, larger leaf size, and stronger foliage.
- Strengthens plant immunity and improves cell moisture balances.
- Balances nitrogen inputs for controlled, stronger growth and resilience.

Application:

NBS K-35™ is safe to use on all turf and landscapes and is compatible with most soluble fertilisers and pesticides. Jar test before application if not sure and treat a small section of plants first to check safety of mixtures. Where higher water rates are required for good foliar coverage, do not exceed maximum product rate per hectare. Sensitive foliage or plants should be test sprayed prior to full scale application.

Stress Reduction:

Apply at least 2 weeks prior to a mechanical renovation or any environmental stress event to speed recovery and help reduce turf damage.

All Growth Stages:

Assists with increasing leaf size and photosynthetic efficiency.

Dosage:

Crop	Dosage	Comments
Turf Farms & Turf Nursery	0.5-1.0 L/100 L of water (Max. 5 L/ha)	Foliar rate. Avoid applying within one week of copper fungicide sprays. Use a minimum of 400 L/ha of
Fairways, Tees &	0.5-1.0 L/100 L of water (Max. 5	water.
Greens	L/ha)	

IMPORTANT: Do not spray if copper hydroxide residue may be present.

NBS CMB™

NBS CMB™ is a synergistic blend of organic calcium, magnesium, and boron, enriched with natural complexing agents and plant growth promotants, designed to enhance turf strength, promote uniform growth, and improve overall resilience

Suitable for: Turf, ornamental plants, shrubs, and trees.

Key Benefits:

- Enhances Turf Density & Strength Maximizer cell division for better leaf structure, stronger roots, and improved turf durability.
- **Boosts Photosynthesis & Brix Levels** Increases chlorophyll density and synergizes phosphorus uptake, improving energy production and turf colour.
- **Supports Flowering & Regrowth** Aids in bud development, pollen ripening, and post-stress recovery for ornamental landscapes.
- Strengthens Cell Membranes & Moisture Retention Helps turf withstand environmental stress, foot traffic, and nutrient fluctuations.
- **Compatible with Bio-Fertilizers & Bio-Pesticides** Functions as a microbial stimulant to improve soil microbial activity and nutrient uptake

Recommendation:

NBS CMB™ is safe to use on all plants at recommended rates and compatible with most soluble fertilisers and pesticides. Jar test before application if not sure and treat a small section of plants first to check the safety of mixtures.

Crop Application	Dosage	Comments	
Vegetables, Flowers, Shrubs, Trees	Foliar: 1 L/100 L of water (Max. 2 L/acre)	Vary rate with plant vigor. Start 3-4 weeks before flowering. Apply 2 sprays, 10-14 days apart.	
Orchards & Vineyards	Foliar: 1 L/100 L of water (Max. 2.8 L/acre)	σριαγό, το τι ααγό αραιτι	
All Fruit & Vegetable Crops	Soil: 2-4 L/acre Soil Drench: 2ml/litre	Apply every 2-3 weeks or more frequently to avoid calcium deficiency if there's any. Do not apply with soluble fertilizers containing phosphates or sulphates.	
Broadacre Field Crops Foliar: 0.8 L/acre		Use a min. 50 L water/acre, apply before canopy closure.	

Nurseries & Young Plants	Foliar: 0.5 mL/L of water	Apply every 10-14 days, avoid the hottest time of the day.	
Note: Can be tank mixed with NBS K-35™ at 1.25 L/acre to enhance plant resilience and increase vigor.			

NBS MAX SPREADER™ (Liquid Fertilizer - Spreader)

NBS MAX SPREADER™ is an economical, versatile, and highly effective spreader formulated from natural materials, including organic carbon and non-ionic silicon compounds derived from rice husk. It is designed to enhance the distribution of liquid fertilisers and other soil treatments, ensuring even coverage and improved nutrient availability.

Suitable for: Lawns, golf courses, sports turf, and ornamental landscapes.

Key Performance:

- **Superior Spreading & Coverage** Ensures even distribution of foliar sprays for improved absorption.
- Enhanced Penetration & Uptake Allows nutrients and treatments to reach deeper into plant cells and root zones.
- Improved Turf Health & Strength Provides silicon, promoting stronger cell walls and better stress resistance.
- **Cost-Effective Performance** Increases treatment efficiency by 30% while reducing overall input costs up to 25-30%. Hence, making it one of the most economical spreaders in the world.
- **Versatile & Compatible** Works with all foliar fertilizers, bio-stimulants, bio-nutrients, and soil applications.

Crop Application	Dosage	Comments
For General Liquid Fertilizer Applications	10 mL per 100 litres of water	Add last to the tank when at least 80% full.
	25-30 mL per 100 litres of water	Use enough water to cover the area thoroughly.
As a Soil Wetter	100 mL per 100 litres of water	Direct the soil spray to improve water penetration.

NBS MICRO NUTRIENT™

NBS MICRO NUTRIENT™ is an organic amino chelate fertilizer formulated for foliar spray and soil application, combining natural organic matters and plant extracts with a complete amino acid-chelated micro-nutrient blend for maximum bioavailability, tolerability, safety and plant absorption. This formulation includes Fe, Mg, Zn, Cu, Mn, B, Mo, and Organic Nitrogen, providing essential nutrients to bolster plant health and productivity.

Suitable for: Lawns, turf, ornamental plants, sports pitches and landscapes.

Key Benefits:

- **Enhances Turf Strength & Structure** Strengthens cell walls for improved durability and stress resistance.
- Boosts Photosynthesis & Colour Increases chlorophyll density for a richer, greener appearance.
- Improves Nutrient Uptake & Metabolism Supports root activity and overall plant health.
- Aids in Stress Tolerance & Recovery Helps turf withstand environmental stress and maintain growth.
- **Encourages Strong Root Development** Enhances soil-to-root nutrient transfer for deeper, healthier roots
- Improves water movement within plants.

Growth Stage: Throughout the growing season.

Application Method	Dosage	Comments
Foliar	1.5 g/Litre of water	When required alone or in combination with other foliar or
Soil	2.5 g/Litre of water (do not exceed 250 g/1000 m² or 2.5 kg/ha)	soil applied liquid fertilizers.

NBS SILICON FERTILISER™

NBS SILICON FERTILIZER™ is a soil-applied formula enriched with Organic Matter, SiO₂, CaO, MgO, Zn, and Cu. It contains silicon in an amorphous form, ensuring safe handling and application, unlike crystalline silicon, which may cause respiratory discomfort or adverse reactions.

Soon after application, NBS SILICON FERTILISER™ will disperse into fine particles in contact with moisture, releasing Silicon into the soil. The silicon component attaches to the soil colloids and prevents phosphorus from being locked- up soon after application. The organic matter content of NBS Silicon Fertiliser™ will help complex soil nutrients to extend their availability.

Silicon has an important role in the uptake and vascular transport of mineral nutrients and can greatly improve the mechanical "strength" and plant resistance to fungal diseases and wear and tear with intensive use.

Suitable for: Golf courses, Lawns, sports turf, ornamental plants, and landscapes.

Key Benefits:

- High-analysis, granular silicon fertiliser in a safe amorphous form.
- Strengthens the plant cuticle barrier, enhancing resistance to environmental stressors.
- Prevents phosphorus lock-up in acidic soils.
- Improves water movement within the xylem.
- Forms a root barrier to reduce sodium uptake.
- Enhances Systemic Acquired Resistance (SAR).
- Boosts photosynthetic efficiency by optimising leaf orientation toward sunlight.

Application:

NBS SILICON FERTILIZER™ is a granular solid that can be seamlessly blended with other solid fertilisers and compost-based fertilisers for efficient application. It rapidly breaks down into fine particles upon contact with moisture, ensuring quick availability to plants

Crop Dosage	Comments
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General Soil Application	6.25 - 12.50 kg per 1000 m²	Ideally applied at soil preparation time and top-dressed any time after. Water in immediately after application to gain maximum benefit.	•
Fairway & Landscape Trees	50-100 g	Per Plant, water in after application.	1

NBS NEEM FERTILISER™

(Organic Fertiliser for Turf and Ornamental Applications)

NBS NEEM FERTILISER™ is a premium organic fertiliser specifically formulated with organic matter, nitrogen, carbon, phosphorus, potassium, and azadirachtin, designed to revitalise soil health and support robust plant growth. It offers an eco-friendly solution for golf courses, sports fields, and ornamental gardens, improving soil structure and enhancing plant resilience against environmental stresses.

This product is ideal for golf courses (greens, tees, and fairways), sports turf, professional lawns, and ornamental landscapes. It's particularly effective in high-traffic areas, stress-prone environments, and wherever premium turf quality is required.

Key Benefits:

- **Dual Functionality**: Acts as both an organic fertiliser and a natural turf strengthener
- **Soil Health Enhancement:** Improves soil fertility and supports beneficial microbial activity
- Sustainable Turf Management: Aligns with eco-friendly practices in amenity horticulture
- Enhanced Turf Quality: Promotes denser, greener turf with improved wear tolerance
- Root System Development: Supports strong root growth, enhancing stress resistance
- Enhances Turf Resilience: Supports overall turf health, potentially improving its ability to withstand various environmental stresses and recover from general rootzone challenges

Crop Application	Dosage	Comments
Soil applied to turf, gardens, and landscape plants	30-75 kg per 1000 m²	Apply alone or mix with top- dressing soil and sand. Water after application.

NBS ReSilica™

(Advanced Organic Turf & Landscape Fertilizer)

NBS ReSilica™ is a premium organic fertilizer and soil conditioner specifically formulated for high-performance turf and ornamental landscapes. Its unique composition includes 12% calcium, 8-10% silicon (SiO2), 35-40% organic carbon, and 12% sulphur, along with plant biostimulants and a balanced NPK ratio. This innovative blend strengthens plants' physical and biochemical defences, enhances nutrient uptake, and improves overall soil health.

This product is ideally suited for golf courses (greens, tees, and fairways), sports fields, professional lawns, and ornamental landscapes. It's particularly effective in high-traffic areas, stress-prone environments, and wherever premium turf quality is required. NBS ReSilica™ is also excellent for maintaining the health and vigor of ornamental trees and shrubs in landscaped areas.

Key benefits include:

- Improved Turf Density and Colour: Enhances overall appearance and health
- Enhanced Wear Tolerance: Ideal for high-traffic areas on golf courses and sports fields
- Increased Resistance: Reduces the need for fungicides and other chemical treatments
- Better Drought Tolerance: Helps turf survive periods of low rainfall
- Improved Nutrient Efficiency: Optimizes uptake and utilization of essential elements
- Stronger Root Development: Promotes deeper, healthier root systems
- Enhanced Photosynthetic Efficiency: Boosts plant growth and vigor
- Supports Beneficial Soil Microorganisms: Encourages a healthy soil ecosystem
- Protects phosphorus from lock-up in acidic soils, improves water movement in the xylem and assists in sodium management.

Application:

NBS ReSilica™ is a granular product that can be broadcast on golf courses, sports turf, lawns and ornamental landscapes. Used alone or mixed with other granular fertilizers and

compost-based fertilizers for efficient application, NBS ReSilica™ will rapidly break into fine particles in contact with moisture

Crop Application	Dosage	Comments
General Soil Application, Fairways and Tees	15-30 kg per 1000m²	Ideally applied at soil preparation time and as a top-dressing. Water in immediately after application for maximum benefit.
Landscape and Fairway Trees	100-150 g/tree	Spread evenly around the tree.

NBS Green Compost™

(Sustainable Compost Fertilizer & Soil Conditioner)

Produced from recycled green waste under controlled conditions, NBS Green Compost™ is a nutrient-rich, humified compost that enhances soil fertility and supports beneficial soil microbiology. It is carefully screened to remove larger particles, retaining the essential minerals and biology that promote plant health. Suitable for various agricultural and landscaping applications, including eco-mulching and soil conditioning.

Suitable for: Turf, lawns, ornamental plants, and landscapes.

Key Benefits:

- Improves soil structure, fertility, and microbial activity
- Enhances moisture retention when used as mulch
- Reduces weed growth by limiting light exposure to the soil surface
- Encourages beneficial soil fungi establishment
- Contributes to a balanced soil ecosystem

Application

- Pre-planting: Incorporate into the soil before sowing or planting
- Ongoing maintenance: Apply as a surface mulch throughout the growing season

Crop Application	Dosage	Comments
Soil Conditioner/Fertilizer	400-500 g/m² (4-5 T/ha)	Incorporate to 10 cm where possible to help release minerals and inoculate the soil with beneficial biology.
As an Eco-Mulch	5-10 cm blanket application	Surface application up to 10 cm thick will retain moisture, control weeds,

	and assist beneficial fungi establishment.
Note: Addition of an organ	nic microbial bio-stimulant. like NBS ROOT-MAX™. will enhance

Note: Addition of an organic microbial bio-stimulant, like NBS ROOT-MAX™, will enhance benefits and stimulate plant health.

NBS SAPPHIRE GRANULES™ (Humates)

NBS SAPPHIRE GRANULES™ are a high-quality water-soluble potassium humate product derived from leonardite, designed to improve soil structure and nutrient availability in turf and landscape settings.

Suitable for: Lawns, golf courses, sports turf, and ornamental landscapes.

Key Performance:

- Extends availability of soluble minerals
- Reduces fertiliser application rates by 20-25%
- Decreases phosphate lock-up in soil
- Stabilises urea and ammonium nitrogen
- Chelates and complex minerals
- Buffer's high sodium and heavy metals
- Improves soil structure and fertility
- Enhances nutrient uptake efficiency
- Promotes beneficial soil microbial activity

Application:

- Physical Blends with Fertilizers: Mix with dry, granular fertilizers to extend the availability of soluble minerals.
- Blends with Top-Dressing Soil, Sand, and Compost: Thoroughly mix with top-dressing sand or screened compost and apply.

Crop Application	Dosage	Comments

Physical Blends with Fertilizers	5% of total blend (e.g., 5 kg of granules with 95 kg of urea, DAP/MAP)	Total fertilizer blend application rates may be reduced by 15-20%.
Blends with Top-Dressing Soil, Sand, and Compost	Spread 2-4 kg per 1000m²	Thoroughly mix with top-dressing sand or screened compost and apply as soon as possible

NBS BIO STIMULATOR™

(Humates)

NBS BIO STIMULATOR™ is formulated with organic matter, organic calcium and organic carbon. It disperses in the soil upon contact with moisture, releasing nutrients gradually while chelating soil nutrients to bolster plant absorption. It also supports beneficial soil microbes and restoring natural cycles.

A slow-release formula, it remains active for over two months, making it ideal for application under mulching paper.

Suitable for: Golf courses, trees and fairways, sports turf, lawns, and landscape plantings.

Key Performance:

- Enhances soil structure and promotes beneficial microbial activity
- Supports overall health, resilience and immunises against diseases
- Improves nutrient availability and uptake through chelation, contributing to better soil fertility

Application:

- **General Soil Application:** Apply at soil preparation time and top-dress at any time after application for maximum benefit.
- Fairway and Landscape Trees: Apply per plant and water after application.

Crop Application	Dosage	Comments
General Soil Application	15-30 kg per 1000m²	Ideally applied at soil preparation time and top-dressed at any time after application for maximum benefit.

Fairway and Landscape Trees	50-100 g	Per plant, water in after application.
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NBS SAPPHIRE LIQUID™

A concentrated liquid carbon for use as a fertiliser stabiliser and magnifier, plant growth promoter, soil life activator and soil conditioner.

Suitable for: Golf courses, sports turf, and landscapes, ensuring prolonged nutrient availability while reducing fertiliser usage by 15-20%.

Key Benefits:

- Helps stabilise liquid formulations of urea and other sources of nitrogen.
- Holds soluble nutrients in the root zone, minimizing leaching losses.
- Buffers sodium and complex heavy metals in soil and irrigation water, reducing crop stress and soil contamination.
- Stimulates beneficial soil fungi, improving soil microbial activity.
- Enhances soil structure and increases water-holding capacity.
- Promotes root branching, expanding root volume for better nutrient uptake.
- Improves nutrient absorption, leading to stronger, healthier plants.
- Simple & convenient to measure, mix, and apply.

Application:

Agitate the spray tank during application. Do not pre-mix or store in diluted form. Seal lid/cap immediately after use.

Crop Application	Dosage	Comments
Fairways and Tees	20 L/ha per application	Apply monthly for best results. Avoid mixing with strongly acidic fertilizer solutions as efficacy may be reduced.
Foliar Sprays		Some spray residues may remain on leaves. This is not harmful, and the next irrigation or rainfall will wash residues into the soil where the product remains active.

NBS BUG-SHIELD™

NBS BUG SHIELD™ is an organic botanical formulation composed of organic matter, organic carbon, natural NPK (Nitrogen, Phosphorus, Potassium), carrier oils, and spice oils. This unique blend not only serves as an effective plant nutrient but also simulates plants' vigour against various environmental stressors, promoting overall plant health and vitality.

Suitable for: Golf courses, lawns, sports turf, and ornamental landscapes.

Key Performance:

- Enhances overall plant health and resilience in golf courses, sports turf, and ornamental landscapes
- Promotes denser, greener turf with improved wear tolerance
- Strengthens plants' internal defence mechanisms, improving their ability to withstand environmental stresses common in high-traffic areas
- Contributes to healthier soil environments when used during turf renovation or landscape bed preparation
- Aligns with sustainable landscape management practices

Application: Can be applied in combination with other fertilizers and organic products as a foliar spray or soil application.

Crop Application	Dosage	Comments
Foliar Spray	2 mL per Litre water	Cover all sides of the leaf.
Soil Application Spray/Drench	2 Litres per 200 L water	

NBS BIO-DEFENDER™

(Microbes and Bio-Stimulants)

BIO-DEFENDER™ is a talc-based formulation enriched with naturally occurring beneficial microbes, including Beauveria bassiana, Metarhizium anisopliae, and Lecanicillium lecanii. *It is* designed to enhance the soil microbiome and promote overall plant health in turf and landscape settings.

Suitable for: Golf courses, lawns, sports turf, and ornamental landscapes.

Key Performance:

- **Cultivate Championship Soil:** Enrich your greens, fairways, and tees with beneficial microbes, fostering a thriving soil ecosystem that's the envy of every golf course.
- Unlock Premium Nutrient Efficiency: Optimize nutrient cycling and availability, fuelling explosive growth and lush, tournament-ready turf.
- Fortify Against Nature's Challenges: Empower your turf to withstand environmental pressures through superior soil health, ensuring your course stays in top form yearround.
- **Harmonize Your Soil's Potential:** Support the delicate balance of natural processes in your soil, creating the perfect foundation for world-class playing conditions.

Application:-

Apply **NBS BIO DEFENDER™** to soil during soil preparation or at planting. Repeat every 2-4 weeks or when in warm conditions. Spray foliage and stems to runoff.

Repeat fortnightly as a protectant, depending on the situation and need. For best results, mix a measured amount of **NBS BIO-DEFENDER™** in water and allow to soak for up to 1 hour before application. Make spray dilution and maintain good agitation during application.

Dosage

Crop Application	Dosage	Comments
Foliar Spraying	3 grams per litre of water	Cover both sides of the leaf.
Soil Drenching	5 grams per litre of water	Apply over 10 m ² .
Note: Addition of an ora	anic microhial hio-stimulant lik	© NRS ROOT-MAX™ will enhance the

Note: Addition of an organic microbial bio-stimulant, like NBS ROOT-MAX[™], will enhance the benefits and stimulate plant health.

NBS BIO-GUARD™

(Bio-Stimulant)

NBS BIO-GUARD™ is an innovative organic botanical formulation designed to enhance turf and ornamental plant health in high-performance environments. Its unique blend of natural ingredients, including Azadirachtin and a silicone-based spreader, offers superior wetting and penetration properties to support plant resilience and soil vitality.

Suitable for: Golf course greens, tees, and fairways, Sports turf and stadium pitches, High-traffic lawns and ornamental landscapes, Professional landscape installations etc

Key Performance Benefits:

- Comprehensive Turf Support: Assists in maintaining optimal turf health during periods of environmental stress, supporting tournament-ready playing conditions.
- Enhanced Natural Resilience: Promotes the turf's inherent ability to withstand common challenges faced in high-traffic areas and intensively managed landscapes.
- **Soil Preparation Advantage:** When incorporated during turf renovation or landscape bed preparation, it contributes to a healthier growing environment, supporting strong root development.
- **Immediate Playability:** No waiting period is required after application, allowing for uninterrupted use of golf courses, sports fields, and landscape areas.
- **Eco-Friendly Solution:** Aligns with sustainable management practices, appealing to environmentally conscious facilities and members.

Application Flexibility:

- Seamlessly integrates into existing turf and landscape management programs
- Compatible with both foliar and soil application methods
- Ideal for use during routine maintenance and renovation projects

Dosage:

Crop Application	Dosage	Comments
Foliar Spray	2.5 mL/L of water	Cover all sides of the leaf and spray to run-off. May require follow-up treatment. Do not exceed 2L/ha
Soil Application	2.5-3.0 L/ha (1.0-1.25 L/acre)	Systemic through root system. May require follow-up treatment. Use higher rate on heavier soils and where insect infestations are well-established.
Ensure thorough mixing with water prior to application. Avoid very cold water or test first.		

NBS BIO PROTECT™

(Organic Mineral Solution for Golf Courses, Lawns & Turf Health)

NBS BIO PROTECT™ is an organically certified formulation designed to enhance turf and landscape vitality. Combining organic matter with mineral potassium and phosphorus, it supports plant health, strengthens natural defences, and promotes robust growth.

Suitable for: Lawns, golf courses, sports turf, and ornamental landscapes.

Key Performance:

- **Dual Functionality:** Acts as both a plant health supporter and a fertilizer, enriching turf with essential potassium and phosphorus.
- **Natural Defences:** Enhances the plant's ability to withstand environmental challenges and stressors.
- **Root & Shoot Development:** Encourages deep root growth and denser, more vigorous turf coverage.
- **Improved Turf Quality:** Enhances colour, thickness, and recovery after wear or damage.

- **Eco-Friendly:** Leaves no harmful residues and supports sustainable turf management practices.
- **Flexible Application:** Compatible with other organic products for integrated maintenance programs.

Application: When applied alone or with fertilizers, there is no withholding or re-entry period restriction for NBS BIO PROTECT™. Allow at least 4 hours for the product to dry on the leaf before resuming any irrigation. Avoid mowing for 24 hours after application.

Jar test before application if unsure, and treat a small section of plants first to check the safety of mixtures.

Dosage:

Crop	Dosage	Comments
Golf Greens, Fine Turf, and Landscape	2 gm per litre of water (or 125 g/1000m²)	Apply every 14-21 days.
Fairways	125-250 gm per 1000 m² (1.25-2.5 kg/ha)	Apply as required.
Individual Tree Protection		Drench around the root system. May require repeat treatments.

Note: Add NBS Pseudo-Tech™ for best results.

NBS PSEUDO TECH™

(Microbial Plant Health Enhancer for Premium Turf and Landscapes)

PSEUDO TECH™ is an advanced microbial solution featuring beneficial Pseudomonas fluorescens, specifically formulated for high-performance turf and ornamental landscapes. This innovative product supports plant health by enhancing natural defence mechanisms and promoting beneficial soil microbial activity, resulting in more resilient and vibrant turf and ornamentals.

Suitable for Golf courses (greens, tees, and fairways), sports turf and athletic fields, High-end lawns and ornamental gardens, Commercial Landscaping etc

Key Benefits:

- Enhanced Turf immunity: Supports the turfs and plants' natural ability to withstand environmental stresses, maintaining playability and aesthetic appeal.
- Soil Health Optimization: Promotes beneficial microbial activity in the root zone, improving nutrient cycling and soil structure.
- Eco-Friendly Solution: Safe for use around people, pets, and beneficial organisms, aligning with sustainable management practices.
- Versatile Application: This can be applied as a soil drench or foliar spray, integrating seamlessly into existing maintenance programs.
- Season-Long Performance: Assists in maintaining turf and ornamental quality throughout the growing season, even under challenging conditions.

Application:

Apply to the soil during soil preparation. Repeat every 2-4 weeks or when conditions favour imbalance in the soil. As a support for overall plant health, spray foliage and stems to runoff.

For best results, mix a measured amount of **NBS PSEUDO-TECH**TM in water and allow to soak for up to 1 hour before application. Make spray dilution and maintain good agitation during application.

Crop Application	Dosage	Comments
Foliar Spraying	3 grams per litre of water	Spray to run-off.
Soil Drenching	5 grams per litre of water	Spread over 10 m ² .
Note: Add NBS Bio-Prote	ect™ and NBS Root Max™ at l	abel rates for improved results.

NBS MICRO SHIELD™

(Beneficial Microbial Bio-Inoculant for Soil & Plant Health)

NBS MICROSHIELD™ is a talc-based formulation containing beneficial microorganisms, including *Trichoderma harzianum*, *Trichoderma lignorum*, and *Trichoderma koningii*. These naturally occurring microbes are known to promote root growth, enhance nutrient uptake, and improve overall plant health. This product is environmentally friendly and safe for use around children, pets, and beneficial organisms.

Suitable for: Lawns, golf courses, sports turf, and ornamental landscapes.

Key Performance:

- **Microbial Soil Balancer:** Introduces beneficial fungi to establish a healthier soil ecosystem.
- Turf Resilience Booster: Enhances natural defences against stress, wear, and disease.
- **Deep Root Stimulation**: Encourages vigorous root expansion for better water and nutrient uptake.
- **Soil Enrichment Catalyst**: Improves soil aeration, structure, and organic matter retention and supports humus formation.
- **Eco-Conscious Formula:** Safe for people, pets, and the environment—zero harmful residues.

Application:

• **General Use:** Spray foliage and stems to run off. Repeat every 2-4 weeks. Dip seeds, seedlings, or cuttings in this solution just before planting.

• Replanting Greens, Tees, and Fairways: Soil drench 2 weeks before planting. Repeat in 2 weeks, then monthly. Spray foliage and stems to run off. Repeat every 2-4 weeks. Dip seeds, seedlings, or cuttings in this solution just before planting.

Dosage:

Crop Application	Dosage	Comments
Foliar Spraying	3 grams per litre of water	Spray to run-off.
Soil Drenching	5 grams per litre of water	Spread over 10 m ² .
Note: Add NBS Bio-Protect™ Bio-Fungicide and NBS Root Max™ at label rates for improved results.		

NBS SPEED COMPOST™

(Organic Compost Accelerator for Rapid Decomposition & Soil Enrichment)

NBS SPEED COMPOSTTM is a powerful organic manure formulation enriched with cellulolytic composting microbes, including Azotobacter chroococcum, Bacillus polymyxa, Pseudomonas fluorescens, Trichoderma, and Chaetomium. These beneficial microorganisms actively break down organic matter, accelerating the composting process while improving soil fertility. By producing essential enzymes such as cellulases, proteases, and amylases, they efficiently convert raw compost, straw, and organic residues into nutrient-rich humus. This process enhances soil health, boosts microbial diversity, and maximizes nutrient availability, creating an ideal foundation for vigorous plant growth.

Suitable for golf courses, sports fields, ornamental landscapes, and turf renovation projects. Ideal for composting organic waste from turf maintenance, grass clippings, and landscape trimmings to improve soil quality and sustainability.

Key Performance:

- **Rapid Composting:** Accelerates the decomposition of organic waste, producing nutrient-rich compost in as little as 3 weeks.
- **Soil Fertility Enhancement:** Enriches soil with essential nutrients, promoting healthier and more resilient turf.
- **Boosts microbial activity:** Stimulates beneficial soil microbes for improved soil structure and moisture retention.
- **Efficient Organic Waste Recycling:** Enables efficient recycling of organic waste into stable, reusable compost.
- **Eco-Friendly Solution:** Non-toxic and residue-free, supporting sustainable turf management practices

Application:

- **Compost Starter:** Add to organic waste or manure while making compost piles. Keep moist and covered for quicker conversion to compost.
- **Soil Application:** Spread evenly and irrigate to incorporate. Crop residues on the soil surface can be lightly incorporated for best results.

Dosage:

Crop Application	Dosage	Comments
Compost Starter	500 g/m³ of organic waste or manure	Add to FYM or crop residue while making compost piles no more than 3 m wide and 2 m high. Keep moist and covered for quicker conversion to compost.
Soil Application	4 kg + 50 kg Urea/acre	Crop residues on the soil surface can be lightly incorporated for best results. Spread evenly over 1 acre and irrigate to incorporate.

NBS SPEED COMPOST™ compost accelerator can be used when building Farmyard Manure(FYM) static compost piles, mix with raw materials before adding to the pile. Keep moist and covered to prevent excess nitrogen losses and accelerate breakdown.