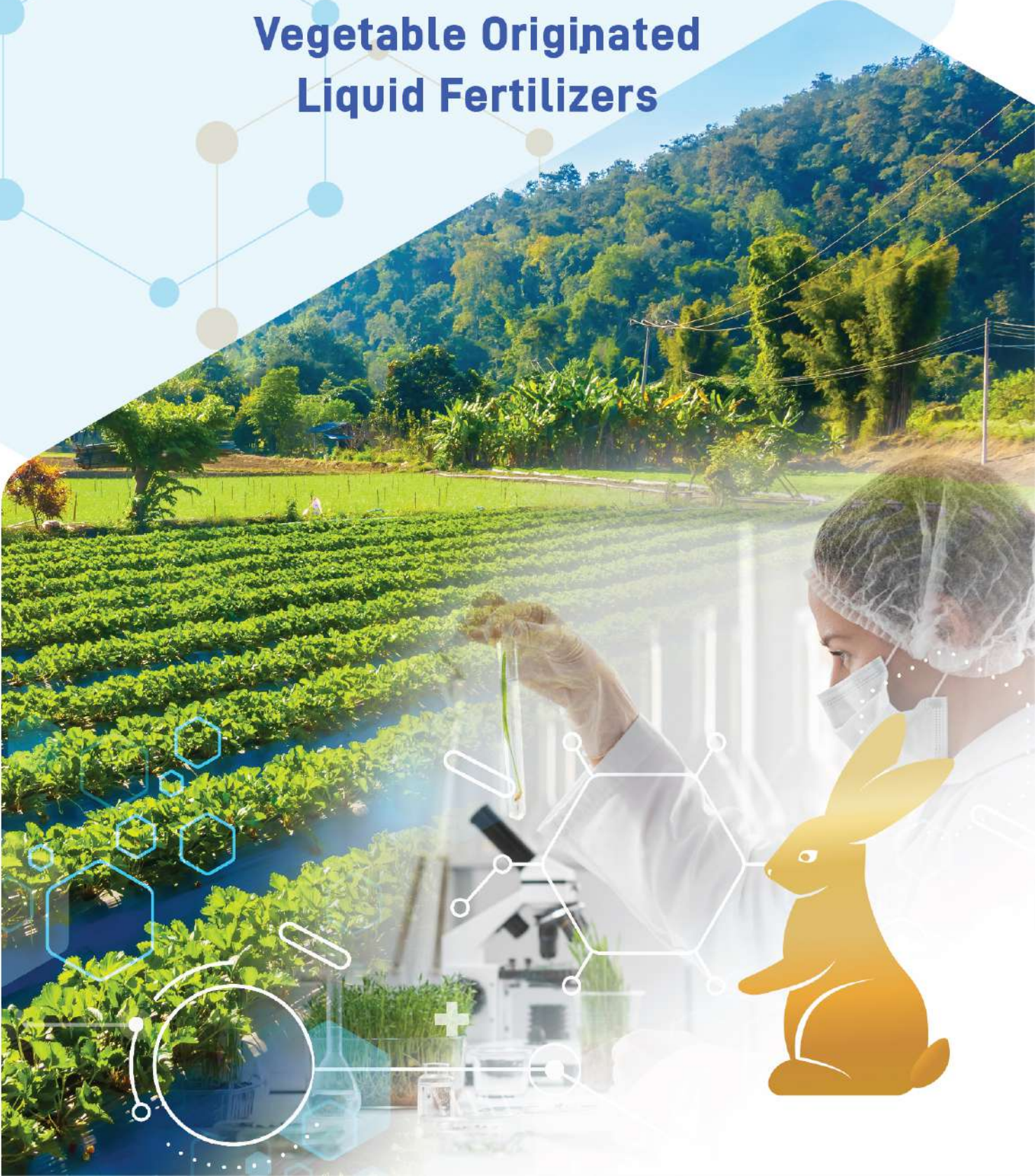


GÖKADA
D Ö N Ü Ş Ü M

**Vegetable Originated
Liquid Fertilizers**



GÖKADA

D Ö N Ü Ş Ü M

Gökada Dönüşüm has been conducting R&D studies about products that reduce agricultural production costs and increase efficiency significantly. The company produces advanced agricultural products at the highest quality in its 15,000 m2 production facilities, of which 3000 m2 is closed, located in Bandırma. It aims to contribute to the sector with biotechnological products that notably enhance the efficiency of organic and fertilizer use to solve agricultural problems caused by climate change.

As Gökada Dönüşüm, we produce environmentally friendly biotechnological products in our 15.000m2 production facility located in Bandırma District of Balıkesir Province, to reduce the agricultural costs of the producers and ensure that agricultural products reach high quality in very short notice.

With a sense of responsibility towards our planet, we have been offering producer and consumer-friendly solutions since 2017 with our organic, high-quality, and high-yield products that support the ecosystem, sustainability, and protection of groundwater and soil health.



Rainbow Plus+

Vegetable Originated Liquid Organic Fertilizer that Contains Amino Acid

Functions and Benefits.

- » With its content of beneficial microorganisms, organic acids, rich amino acids, hormones, vitamins, and minerals; it considerably increases the yield of a plant, root, leaf, and product by ensuring that the plant roots use the fertilizer in the soil faster and more efficiently.
- » Converts the free nitrogen of the air into nitrate and ammonium form that plants can use. It provides economical fertilization.
- » Provides the solubility of phosphate in the soil and accordingly helps to increase the yield and product quality of the plants.
- » Provides benefits both in the soil and the green parts of plants.
- » Strengthens the resistance mechanism of plants and increases their resistance against biotic and abiotic stress conditions.
- » Thanks to the good root system formed, allows plants make better use of the nutrients in the soil.
- » Suppresses pathogenic bacteria by allowing beneficial organisms to thrive in the environment.
- » Provides substantial soil rehabilitation by breaking down the toxic chemicals accumulated in the soil over time.
- » It can be used in cotton, cereal crops, fodder crops, ornamental plants, vegetable crops, and lawns, especially in all plants where green parts and product development are desired.
- » It can be applied to seed, soil, and plant surface.

Application Methods

TOLS can be applied by seed coating, seedling dipping, foliar application, drip irrigation, and surface spraying methods.

Recommended Doses for Use

Farm Plants

Cereals (wheat-barley-oats), Legumes (soy-lentils-chickpeas), cotton, corn, sunflower, tobacco, potatoes, beets, etc.;

Usage Dose (Soil) : 4 Lt/Da

Usage Dose (Leaf) : 1 Lt/Da

Vegetables

Tomato, pepper, eggplant, cucumber, zucchini, melon, watermelon, cabbage, lettuce, etc.;

Usage Dose (Soil) : 6 Lt/Da

Usage Dose (Leaf) : 1 Lt/Da

Fruit Trees and Vineyard

Stone-Seeded (cherry-plum-apricot etc.),
Soft-seeded (apple-pear, etc.),
Citrus fruits (oranges, lemons, etc.),
Nuts (walnuts, hazelnuts, etc.), olives, vineyards, bananas

Usage Dose (Soil) : 5 Lt/Da

Usage Dose (Leaf) : 2 Lt/Da



Rainbow

Vegetable Origin Liquid Organic Fertilizer

Functions and Benefits

- » Balances the soil microorganism level and supports the rise of fertility and quality in all plants.
- » Ensures seed germination and the development of a good root system in the plant. With its beneficial microorganism content, it increases the solubility of phosphate, which is in the form that cannot be taken by plants but in the soil, and thus encourages flowering.
- » Procures an augmentation in yield and quality.
- » Increases fruit flavor and positively affects the storage life of the fruit.
- » Converts the free nitrogen of the air into nitrate and ammonium forms that can be used by plants. It empowers the plant to benefit better from the plant nutrients in the soil.
- » It contains many beneficial microorganisms which make plants resistant to stress, diseases, and pests.
- » It can be applied to seed, soil, and plant surface.
- » It can be applied to all plants.
- » Supplementing the soil with organic fertilizers or organic soil conditioners increases the effectiveness of the product.
- » Not used with bactericidal and copper-containing preparations.

Application Methods

TOLS can be applied by seed coating, seedling dipping, foliar application, drip irrigation, and surface spraying methods.

Recommended Doses for Use

Farm Plants

Cereals (wheat-barley-oats), Legumes (soy-lentils-chickpeas), cotton, corn, sunflower, tobacco, potatoes, beets, etc.;

Usage Dose (Soil) : 4 Lt/Da

Usage Dose (Leaf) : 1 Lt/Da

Vegetables

Tomato, pepper, eggplant, cucumber, zucchini, melon, watermelon, cabbage, lettuce, etc.;

Usage Dose (Soil) : 6 Lt/Da

Usage Dose (Leaf) : 1 Lt/Da

Fruit Trees and Vineyard

Stone-Seeded (cherry-plum-apricot etc.),
Soft-seeded (apple-pear, etc.),
Citrus fruits (oranges, lemons, etc.),
Nuts (walnuts, hazelnuts, etc.), olives, vineyards, bananas

Usage Dose (Soil) : 5 Lt/Da

Usage Dose (Leaf) : 2 Lt/Da



Application Methods of The Rainbow;



By Germinating Seeds



Seedling Application



By Spraying the Surface



Drip Irrigation



Hydroponic Farming

Usage Benefits of The Rainbow;

- ★ Provides ease of application in traditional and modern agriculture.
- ★ Shows activity in seasonal and perennial plants.
- ★ Ensures the ability to survive in unfavorable soil and climate conditions.
- ★ Supports natural hormone production.
- ★ Supplies significant increase in yield.
- ★ Improves plant immunity.
- ★ Increases resistance to different causes of stress.
- ★ Environmental awareness / greenhouse gas emissions
- ★ Biodiversity
- ★ Sustainability
- ★ Nitrogen fixation
- ★ Lime dissolving
- ★ Cost effectiveness
- ★ Producer-oriented

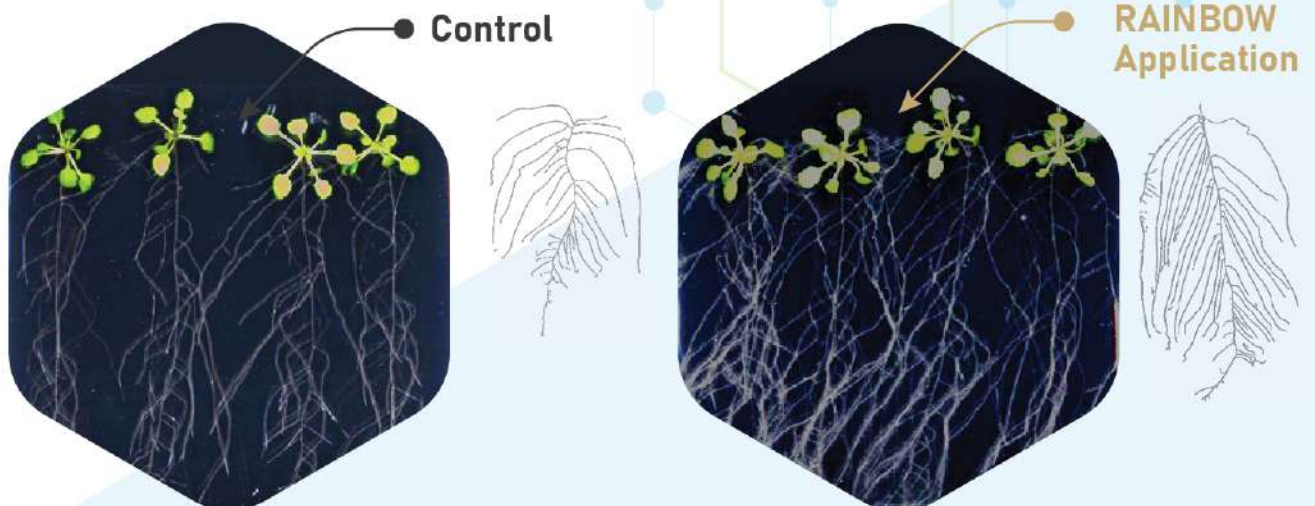


RAINBOW Scientific Phase and Laboratory Work

Growth Under Stress Conditions



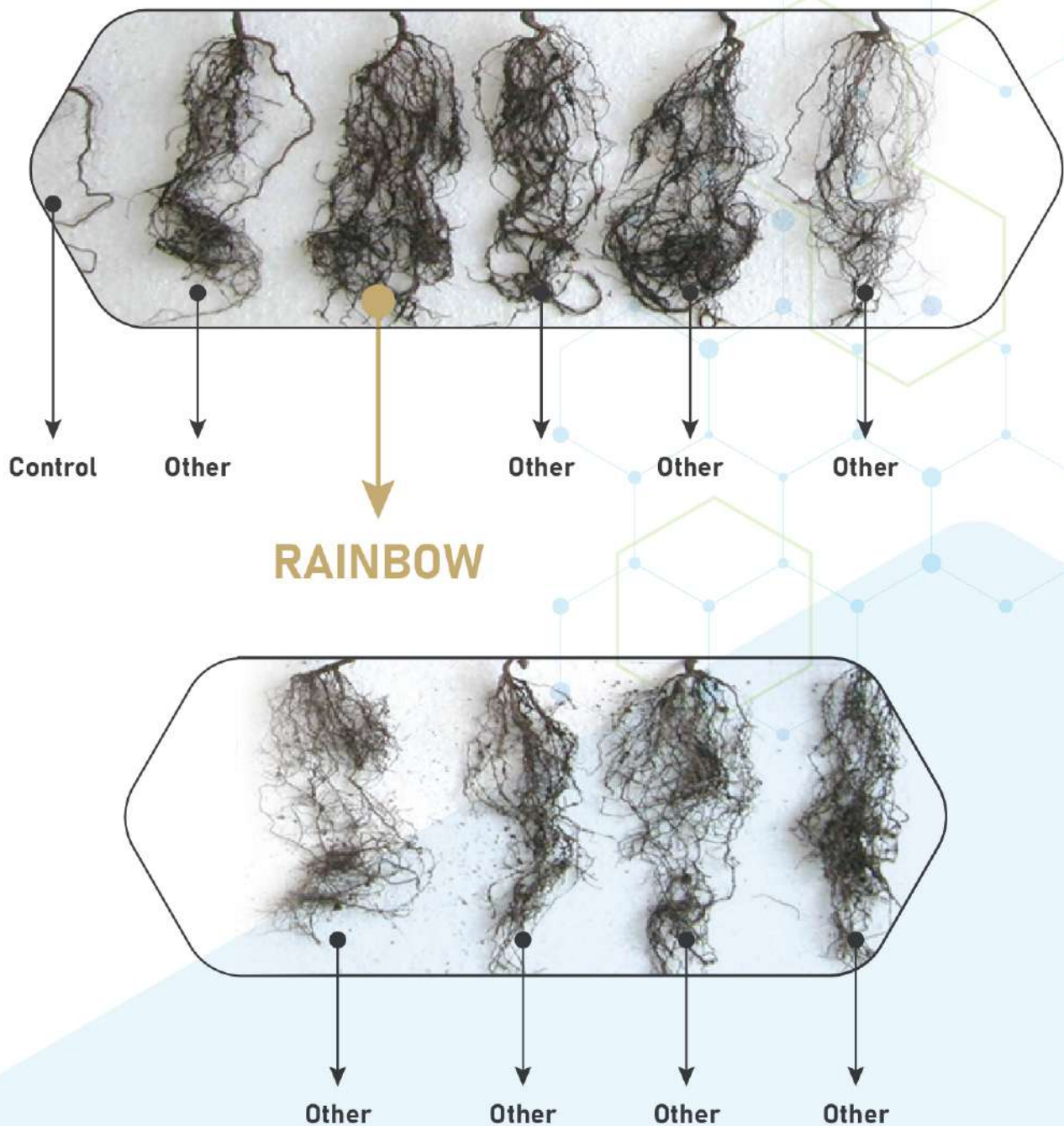
Growth Under Regular Conditions



Application

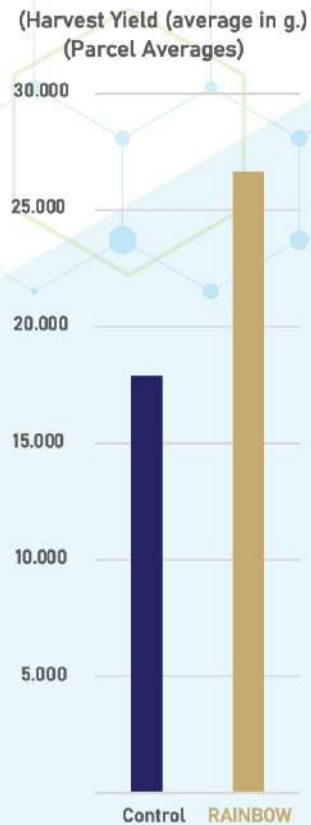
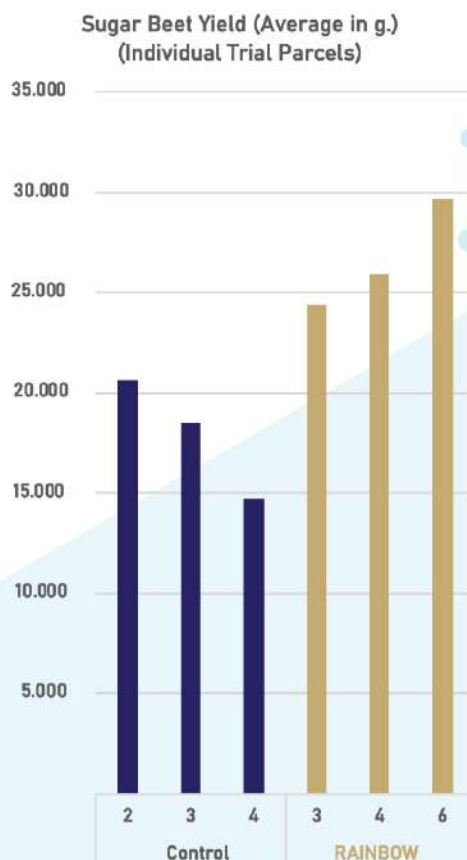
Product Name: Peanut

Root growth and elongation with RAINBOW multi-bacteria combination against other organic and mineral fertilizers



Application

Product Name : Sugar Beet



Application

Product Name : Corn Application Dosage: 2 Lt/Da



Control

Mineral Fertilizer

RAINBOW

Control



RAINBOW

Result: RAINBOW-treated seeds increased crop yields by 4% compared to traditional treatment and 9% compared to standard seed treatment.

Application	Yield kg/ha
Control	9,643
Conventional Application	10,083
RAINBOW	10,512
Gain	869

Application

Product Name : Sunflower Application Dosage: 2 Lt/Da



Result:

RAINBOW-treated seeds increased yields by 27 % weight compared to standard seed treatment. Longer stems/more green mass and larger leaves, increased crop yields with RAINBOW treatment.

Application	Average Weight (g)
Control	132 g
RAINBOW	168 g
Additional weight from HS 30	36 g

Application

Product Name : Wheat Application Dosage: 2 Lt/Da

Control



RAINBOW

Control



RAINBOW

Result:

Faster root system development, earlier seed emergence up to 15-17 days, strong, compact crop and larger leaves, increased crop yield with RAINBOW application. RAINBOW-treated seeds increased crop yields by 44% compared to standard seed treatment.

Application	Yield kg/ha
Control	4,500
RAINBOW	6,470
Additional Income	1,970



GÖKADA
D Ö N Ü Ş Ü M

GÖKADA DÖNÜŞÜM TARIM HAYV. SAN. VE TİC. LTD. ŞTİ.
Atatürk Neighborhood,. Ertuğrul Gazi Street,. A Blok No: 2 - E / 3 31 Ataşehir / İSTANBUL / TÜRKİYE
PRODUCTION FACILITY

Dedeoba Neighborhood,. Dedeoba Street,. No: 325 Bandırma/ BALIKESİR / TÜRKİYE
T: +90 534 746 80 83 info@gokadadonusum.com

www.gokadadonusum.com