



Kian | كيان
Alwatania | الوطنية





WHO WE ARE :

The ambition of leadership and passion for excellence drives us to seek the best in investment size and quality, continually developing our performance and diversifying our services to meet customer needs and strengthen our competitive capabilities. Summary about the company: Ethmar Group, established in 2009 in Saudi Arabia, is a leading trading company in agricultural chemicals, seeds, machinery, fertilizers, and more. With a professional team, the company provides excellent local and international services and has maintained long-term trade relations with renowned companies globally, including Spain, Belgium, America, England, China, India, and various Middle Eastern countries. Starting with one branch, it has expanded to 14 branches across regions. In 2014, Kian Alwatania Contracting Company was founded to implement green spaces, irrigation systems, desalination, gardens, stadiums, and sports halls using advanced technologies and international expertise, aligning with Vision 2030. Kian Alwatania Farm, established in 2015, has become a leader in producing high-quality agricultural products, promoting healthy food supply and enhancing its reputation as a reliable provider.



OUR MISSION:

THAT THE COMPANY BE A DIST- IN-
GUISHED MODEL IN QUALITY,
CREATICITY AND PRODUCT DIVE-
RSITY WHILE PRESERVING THE
ENVIROMENT AND CONTRIBUTING
TO THE ADVANCEMENT AND DE-
VELOPMENT OF SOCIETY



OUR VALUES :

ARE THE FOUNDATION OF OUR BUSINESS GROUP, OUR CULTURE INCREASING MARKET SHARE AND EXCEEDING CUSTOMER EXPECTATIONS THEY GOVERNS OUR BEHAVIOR AND LEADS US TOWARDS COMMITMENT TO THE HIGHEST STANDERDS WE WORK WITH MOTIVATION PARTICIPATION CREATIVITY ACHIEVEMENT AND CONTINUOUS DEVELOPMENT



OUR VISION :

ARE THE FOUNDATION OF OUR BUSINESS GROUP, OUR CULTURE INCREASING MARKET SHARE AND EXCEEDING CUSTOMER EXPECTATIONS THEY GOVERNS OUR BEHAVIOR AND LEADS US TOWARDS COMMITMENT TO THE HIGHEST STANDERDS WE WORK WITH MOTIVATION PARTICIPATION CREATIVITY ACHIEVEMENT AND CONTINUOUS DEVELOPMENT





OUR BRANDS :





PARTNER OF SUCCESS





WORK FIELDS

 ***COMMERCIAL FIELD***

 ***INDUSTRIAL FIELD***

 ***PROJECT FIELD***

 ***AGRICULTURAL FIELD***



FARMING WORK



***AGRICULTURAL
SEEDS***



***GREEN
HOUSES***



***FERTILIZERS
AND
PESTICIDES***



***FISH FARM
SUPPLIES***



***IRRIGATION
SYSTEMS***



***TOOLS AND
EQUIPMENT***



FERILIZERS

IN PARTERSHIP WITH MAJOR MANUFACTURERS OF VARIOUS FERTILIZERS WE PROVIDE THE FOLLOWING FERTILIZERS IN KAIAN ALWATANIA

- SOLUBLE FERTILIZERS.***
- GRANULAR FERTILIZER.***
- GROWTH FERTILIZERS.***
- ANTI-SALTS***
- MINOR ELEMENTS.***



PESTICIDES

PESTICIDES OF ALL KINDS ARE AVAILABLE :

- **PUBLIC HEALTH PESTICIDES.**
- **INSECTICIDES**
- **FUNGICIDES.**
- **HERBICIDES.**

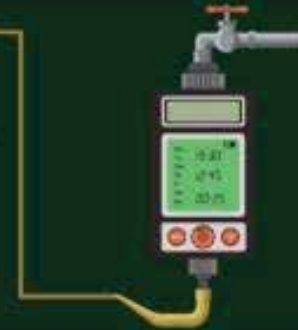


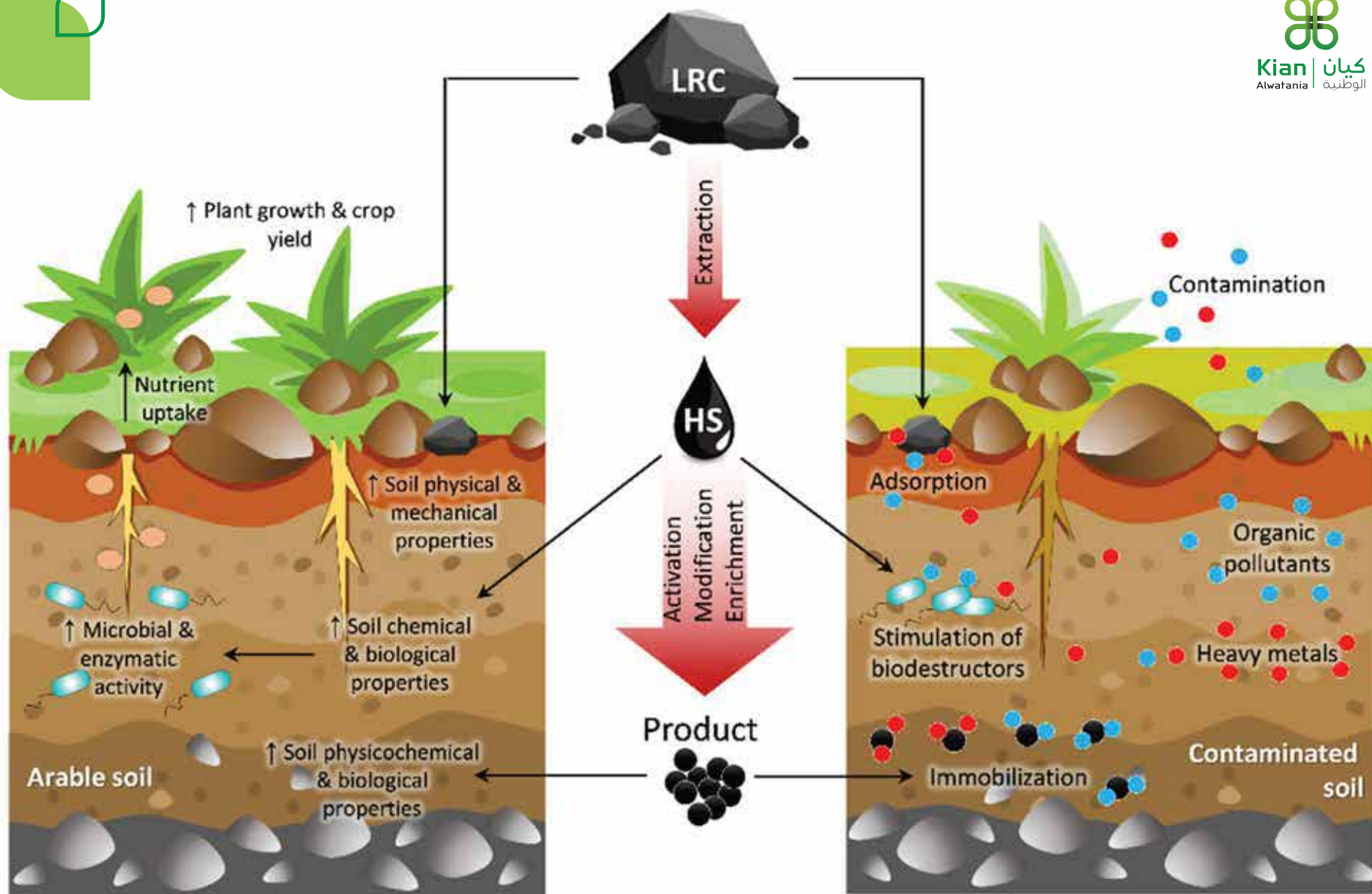


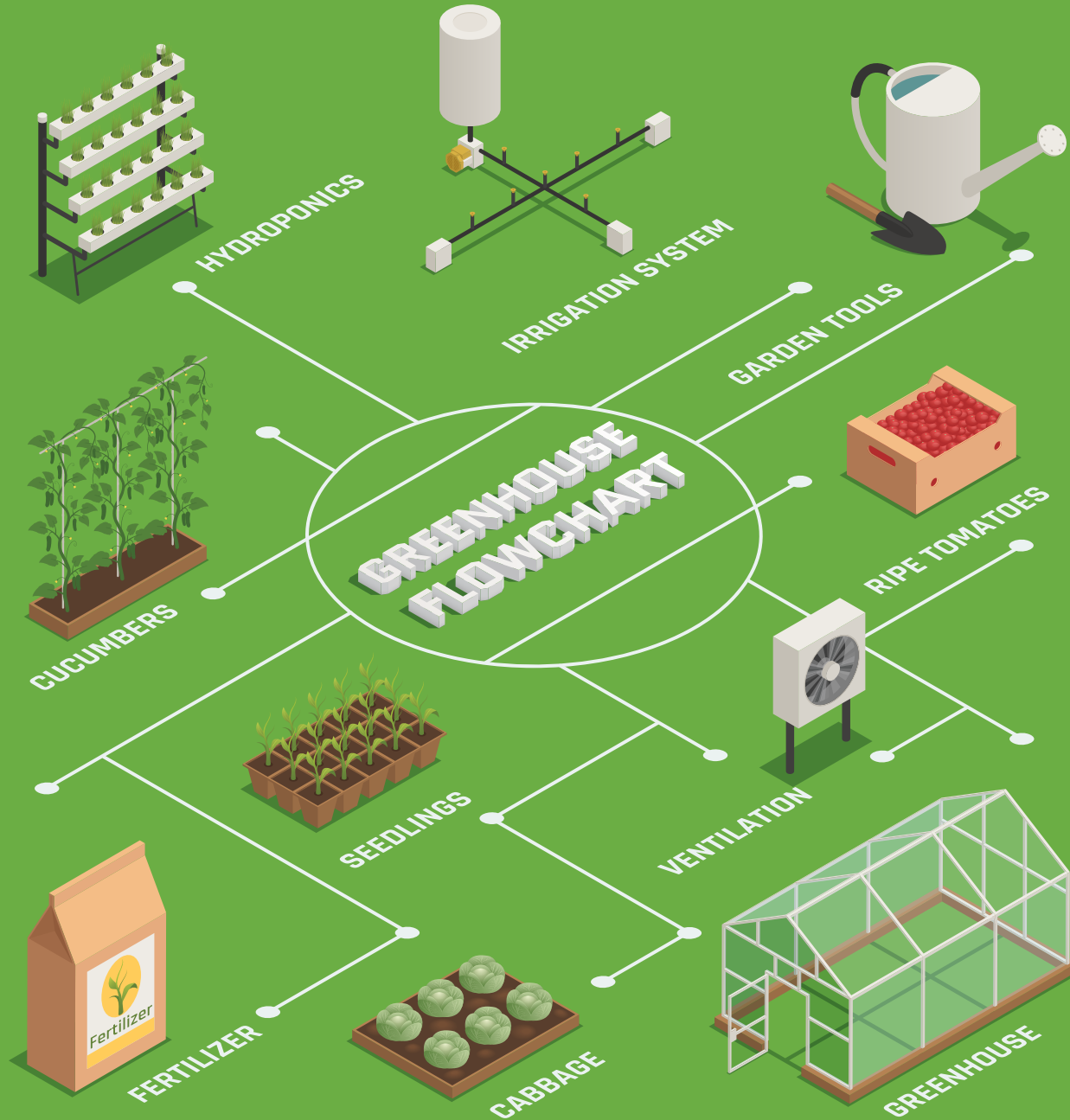
AGRICULTURE FERTILIZERS



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GREEN HOUSES

THE COMPANY'S SERVICES IN THE FIELD OF GREEN HOUSES



3- INSTALLATION: BY A TEAM OF PROFESSIONAL ENGINEERS AND TECHNICIANS WHO ARE TRAINED TO CARRY OUT THIS WORK



4- AFTER-SALES SERVICE : WE ARE ALWAYS READY TO SOLVE ANY PROBLEM THAT CUSTOMERS MAY FACE IN THE GREENHOUSE FROM MAINTENANCE AND FOLLOW-UP WORK



1- RESEARCH: WE WORK WITH BEST SPECIALIZED ENGINEERS AND MODERN TECHNOLOGY TO SEARCH FOR ALL THAT IS NEW FIELD OF GREENHOUSES.



2- DESIGN: OUR DESIGNERS DEVELOP CUSTOMERS IDEAS ACCORDING TO THIER NEEDS AND REQUIREMENTS AND FIND SOLUTIONS FOR VARIOUS LOCATIONS AND RRQUIRED SUGGESTIONS.





TYPES OF GREENHOUSES BY DESIGN

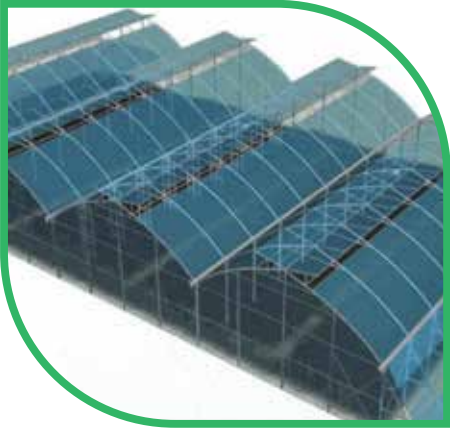


- **ARCHED GREEN HOUSE DESIGN WITH ARCHED ROOF IS ONE OF THE MOST POPULAR STYLES AND ARE USUALLY COVERD WITH A LAYER OF PLASTIC OR POLYCARBONATE, USED THROUGHOUT THE YEAR FOR PROPAGATION AND GROWTH VEGETABLES AND PLANTS IN NURSERIES.**



- **A PYRAMID GREENHOUSE (VINNU IS THE MOST POPULAR AGRICULTURE GREEN HOUSE AMONG PROFESSIONAL FARMERS : COVERED WITH GLASS PANELS OFTEN HAS LONGER PROTECTED DESIGN DURABILITY SUITABLE FOR ALL CROPS IN MOST CLIMATIC CONDITIONS. IT IS CHARACTERIZED BY HIGH RESISTANCE AND SECURITY OF MULTIPLE SUPPLEMENTARY SYSTEMS EASILY FOR AIR AND WIND FACTORS. IT CONTAINS ADVANCED TECHNOLOGIES FOR COOLING, HEATING AND IRRIGATION.**

TYPES OF GREENHOUSES BY STRUCTURE



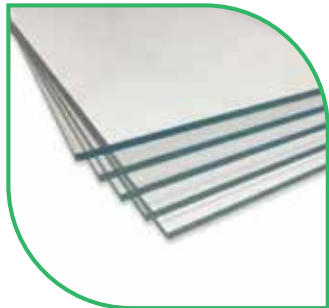
- **SINGLE GREENHOUSE:** THIS TYPE OF GREENHOUSE IS A SINGLE STRUCTURE IN THE FORM OF A SIMPLE AND EASY-TO-ASSEMBLE TUNNEL THAT CAN BE NATURALLY VENTILATED ON BOTH SIDES. THE FRONT AND REAR ENDS CAN BE FIXED WITH SLIDING DOORS, AND A SHADE NET CAN BE ADDED TO THE OUTER SURFACE TO REDUCE THE TEMPERATURE INSIDE.



- **MULTIPLE GREENHOUSE:** THIS GREENHOUSE, CONSISTING OF SEVERAL PARALLEL HOMES TO EACH OTHER, OFFERS HIGHER ADVANTAGES OVER A LARGE RESERVE AND STRONGER RESISTANCE TO CLIMATIC CONDITIONS. IT IS ALSO POSSIBLE TO ADD MULTIPLE WEATHER CONTROL SYSTEMS TO INCREASE THE PRODUCTIVITY AND EFFECTIVENESS OF THE RESERVE. .



GREENHOUSES MATERIALS AND SUPPLIES



- ***COVERING MATERIAL***
- ***METAL STRUCTURES***
- ***ELECTRICAL CONTROL SYSTEM***
- ***COOLING SYSTEMS***
- ***HEATING SYSTEMS***
- ***INTERIOR SHADING SYSTEM***



IRRIGATION SYSTEMS

IN PARTNERSHIP WITH MAJOR MANUFACTURERS OF IRRIGATION SUPPLIES KIAN WAS DISTINGUISHED BY SUPPLYING HIGH QUALITY, EFFICIENT AND DISTINCT PRODUCTS TO LEAVE A DIFFERENT FOOTPRINT AND TO PROVIDE SOLUTIONS TO SAVE WATER AND ENERGY. WE HAVE A TEAM OF SPECIALISTS IN IMPLEMENTING IRRIGATION WORKS, INSTALLING NETWORKS MAKING DESIGNS AND CALCULATING QUANTITIES AND IRRIGATION NEEDS

FERTIGATION UNIT



WATER PURIFICATION FILTERS



WATER DESALINATION EQUIPMENT



SUPPLYING IRRIGATION TOOLS





IRRIGATION TOOLS

SPRINKLER IRRIGATION SUPPLIES - DRIP IRRIGATION SUPPLIES VALVES - CONNECTORS AND DIVIDERS - CONTROLLERS





DC TECHNOLOGY DRIP SYSTEM

WE PROVIDE A HIGH-EFFICIENCY, ANTI-CLOGGING DC DRIP IRRIGATION SYSTEM

ADVANTAGES OF THIS SYSTEM :

THIS TECHNOLOGY HAS BEEN DESIGNED AND STUDIED IN DETAIL, BOTH IN THE TECHNICAL FEATURES AND IN MAINTAINING THE PROBLEMS EXPERIENCED BY THE PRODUCT

- WIDTH AND PATH OF DEEP FLOW***
- WIDE AND FINE FILTER FOR THE WATER INLET***
- HYDRODYNAMIC EFFICIENCY***
- EFFICIENT ANTI-CLOGGING - SELF-CLEANING***
- WIDE SIDE LENGTH WITH REGULAR DRAINAGE***
- LOW PROBABILITY OF CLOGGING THE PERFORMANCE OF THE***

DRIPPER GENERATES TWO TYPES OF FLOW, THE FIRST, AT A VERY HIGH SPEED, WHICH ALLOWS THE DRIPPER TO SELF-CLEAN, AND THE SECONDARY FLOWS GENERATE SEVERE TURBULENCE, WHICH SUPPORTS DYNAMIC PROTECTION SYSTEM TO ENSURE THE EFFICIENCY REMOVAL OF THE BODIES FROM INSIDE THE DRIPPER.





DS SUBSURFACE IRRIGATION SYSTEM

WE PROVIDE A HIGH-EFFICIENCY DS SUBSURFACE IRRIGATION SYSTEM THAT IS RESISTANT TO CLOGGING USED TO IRRIGATE CROPS.

ADVANTAGES OF THIS SYSTEM:

- MAXIMUM BLOCKAGE RESISTANCE THANKS TO PATENTED DS TECHNOLOGY LABYRINTH. THE CIRCULAR SHAPE PREVENTS THE DEPOSITION OF PARTICLES IN ITS CAVITIES.
- IN ORDER TO ENSURE THE HIGHEST EFFICIENCY IN RESISTING CLOGGING, THE DRIP INCLUDES A LINEAR FILTER PROTECTION SYSTEM, WITH LARGE FILTRATION AREA AND SELF-CLEANING CAPACITY THAT ALLOWS TO REDUCE THE PASSAGE OF PARTICLES IN THREE DIMENSIONS, WHICH GENERATES A WIDE FILTRATION VOLUME.
- THE GEOMETRY OF THE DOUBLE ARC HOOD PREVENTS ROOT PENETRATION INTO THE DRIP DEVICE.
- THE MEMBRANE LINING INSIDE ALLOWS TO ENSURE A UNIFORM FLOW RATE ALONG THE DRIP LINE.
- MANUFACTURED WITH THE HIGHEST QUALITY CONTROLS AND CONFORMING TO THE INTERNATIONAL STANDARD ISO9261





FILTRATION SYSTEM

WE REPRESENT THE SPECIAL AGENT FOR THE AZUD HELIX SYSTEM, WHICH HOLDS A PATENT FOR THE CENTRIFUGAL SYSTEM USED IN THE HIGH-EFFICIENCY FILTRATION PROCESS ADVANTAGES OF AZUD HELIX DEVICE.

- CONDUCTING A CENTRAL CENTRIFUGATION WHICH IMPROVES FILTRATION PERFORMANCE AND REDUCES THE FREQUENCY OF BACKWASHING AND MAINTENANCE.**
- FILTER DISC FOR MAXIMUM SAFETY.**
- ITS PATENTED DESIGN AND HIGH-QUALITY MATERIALS USED IN MANUFACTURING GUARANTEE A LONG LIFE WITH HIGH RESISTANCE.**
- HIGH FILTRATION SURFACE FILTER DEGREES ARE 100, 130, 200 AND 400 MICRONS.**
- THE SYSTEM ALLOWS A WIDE RANGE OF FLOWS AND FORMATIONS BY USING THE FEWEST NUMBER OF COMPONENTS.**
- MADE OF PLASTIC MATERIALS - LOW MAINTENANCE - SIMPLE, NO TOOLS REQUIRED EXTREME WEAR RESISTANCE OF HIGH QUALITY MOVING PARTS.**
- THE EXCLUSIVE BUTTERFLY SYSTEM USED TO LOCK THE FILTER ELEMENTS ALLOWS EASY DECOMPRESSION OF THE SET OF DISCS DURING BACKWASHING AND IT ALLOWS EASY DEALING WITH AND MAINTAINING THE DISC.**
- SAVE WATER AND ENERGY.**





FERTIGATION UNITS

THE GOAL OF FERTILIZING IS TO KEEP WATER AND NUTRIENT AVAILABILITY AT AN OPTIMUM LEVEL TO OBTAIN MAXIMUM PRODUCTION IN THE AVAILABLE ENVIRONMENTAL CONDITIONS, THE BASIS OF THE INDEPENDENT AZUD QGROW FERTILIZATION SYSTEM IS AN INJECTOR, BASED ON THE "VENTURI EFFECT", THE LOW COST OF THESE INJECTIONS, IN ADDITION TO THE SIMPLICITY OF THEIR PARALLEL INSTALLATION SPECIFY USING AZUD QGROW MULTI-INJECTION SYSTEMS AS THE BEST OPTION FOR FERTILIZER SUPPLY, THIS FERTILIZATION SYSTEM IS ADAPTED TO THE REQUIREMENTS OF EACH PROJECT, IT ALLOWS SELECTING THE INJECTION LEVEL REQUIRED BY THE SYSTEM, REGARDLESS OF FLOW RATE AND PRESSURE, SAVING NUTRIENTS DOSE, INSTALLATION AND MAINTENANCE, ADVANTAGES OF INJECTION:

- RESISTANCE TO CHEMICAL PRODUCTS.
- DOES NOT REQUIRE A SPECIFIC POWER SOURCE.
- ANCILLARY PROTECTION ELEMENTS ARE NOT NECESSARY, THEY ALLOW THE USE OF TANKS WITH OPEN AND CONVENIENT SUPPLY, INTEGRATING SEVERAL FERTILIZERS AT ONE TIME.
- EASY AUTOMATION.





WATER DESALINATION

WE PROVIDE THE SPANISH AZUD WATETECH OSM DESALINATION PLANTS IN ADDITION TO THE AZUD WATER TECH PLANT .
R W PACKAGED, PLATE OR CONTAINERIZED DESALINATION PLANTS FOR DESALINATION USED IN INDUSTRIAL, MUNICIPAL, RESIDENTIAL AND AGRICULTURAL APPLICATIONS. THE PLANT PRODUCES LOW- SALINE AND MEDIUM-SALINE WATER (3.000 — 1.000 TDS: MG/L): PRODUC-TION FLOW RATES: 0.4 - 0.8 - 2 - 4 - 8 - 11 -21 - 42 M3 / HOUR. PLANT FEATURES:

- THE PLANTS REPRESENT A POWERFUL AND COMPACT FACTORY-TESTED SOLUTION FOR PLUG-AND-PLAY IN-STALLATION, OPERATION AND IMMEDIATE OPERATION. THE. THE AUTOMATION AND OPERATION OF THE PLANTS ALLOWS THEM TO BE OPERATED COMPLETELY INDEPENDENTLY TO REDUCE OPERATING COSTS AND ENSURE EFFECTIVE LONG-TERM PERFORMANCE.
- USER-FRIENDLY INTERFACE, WITH THE OPTION OF REMOTE CONTROL, FOR EASY SUPERVISION AND CONTROL OF THE SYSTEM.





FISH SUPPLIES

- OXYGEN PRODUCTION EQUIPMENT***
- FISH FEED EQUIPMENT***
- PONDS CLEANING EQUIPMENT***
- FISHING EQUIPMENT AND SUPPLIES***
- BREEDING AND TRANSPORT PONDS***
- MEASURING DEVICES***







FARM ACTIVITIES

AGRICULTURAL PRODUCTS AND FEED



ANIMAL PRODUCTS AND BEES



NURSERY AND FORESTRY PRODUCTS



FISH PRODUCTION AND BREEDING



GREENHOUSES





DATES & FEED

DATES PRODUCTION

KIAN FARM RELIES ON ORGANIC FERTILIZATION IN ADDITION TO A MIXTURE OF HIGH QUALITY MODERN AGRICULTURAL TECHNIQUES AND TRADITIONAL ONES INHERITED FROM OUR ANCESTORS AWAY FROM THE USE PESTICIDES AND CHEMICALS IN ORDER TO ENSURE PROVIDIN THE BEST QUALITY ORGANIC AND NATURAL DATES.



FEED PRODUCTION

ON THE FARM OF KIANJ ALWATNIA, WE PRO-DUCE GREEN FODDER FROM ALFALFA RHODODENDRONS, WHEAT AND BARLEY IN AN AREA ESTIMATED AT 175 HECTARES DEDICATED TO THE PRODUCTION OF GREEN FODDER. THE FEED PRODUCED IN OUR FARM IS CHARACTERIZED BY A HIGH LEVEL OF PROTEIN AND A HIGH PRODUCT EVALUATION BY CUSTOMERS FOR THE PRODUCTION OF DISTINGUISHING MEAT.





NURSERIES OF RAISING SEEDLINGS AND GROWING PLANTS

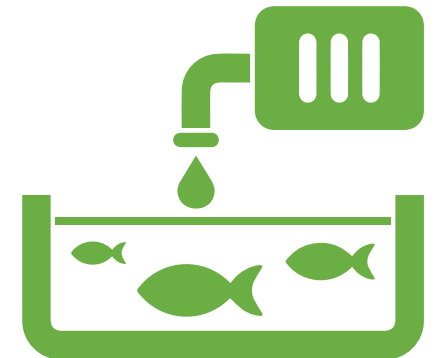
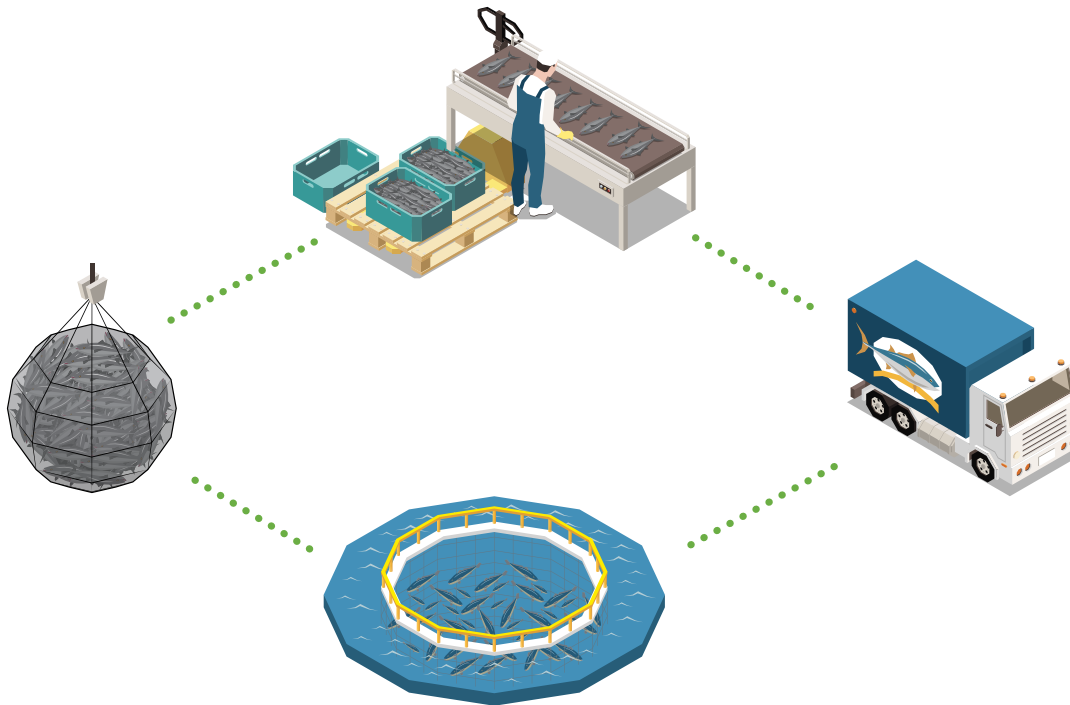
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SPACE DEDICATED FOR THE PRODUCTION AND BREEDING OF MANY WILD PLANT SPECIES AND PLANT SPECIES FOR BEAUTIFICATION OF PARKS ROADS AND CITIES ENTRANCES A TEAM OF ENGINEERS AND SPECIALISTS IN THE FIELD OF PLANT BREEDING WORKING IN THE FIELD OF GROWING PLANTS TO INCREASE THE MOST OF WILD SPECIES PREVAILING IN THE AREA AND THE KINGDOM UNDER THE BREEDING AND CARING CONDITIONS WHICH ENSURE THE PRODUCTION OF STRONG TREES VALID FOR PLANTING IN IN PARKS AND SPACES WITHOUT BEING AFFECTED BY WEATHER FACTORS WE HAVE AREAS IN THE NURSERY WHERE THE PROJECTS OF RAISING WILD SEEDLINGS ARE BEING IMPLEMENTED BELONGING TO THE GREEN RIYADH AND NEW AREAS ARE BEING PREPARED TO BE REHABILITATED TO WORK ON INCREASING THE AREA OF BREEDING AND INCREASING THE AREA OF SHADES DEDICATED TO GROW PLANTS



FISH PRODUCTION

250 FISH PONDS PRODUCE MORE THAN 1000 TONS ANNUALLY OF TILAPIA FISH THAT ARE RAISED IN THE FARM UNDER THE SUPERVISION OF A TEAM OF SPECIALISTS IN THE FIELD OF AQUACULTURE.



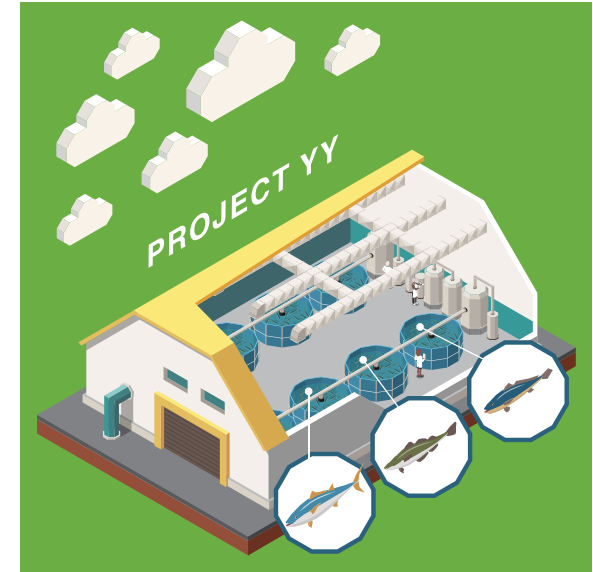


TILAPIA FINGERLINGS PRODUCTION PROJECT YY

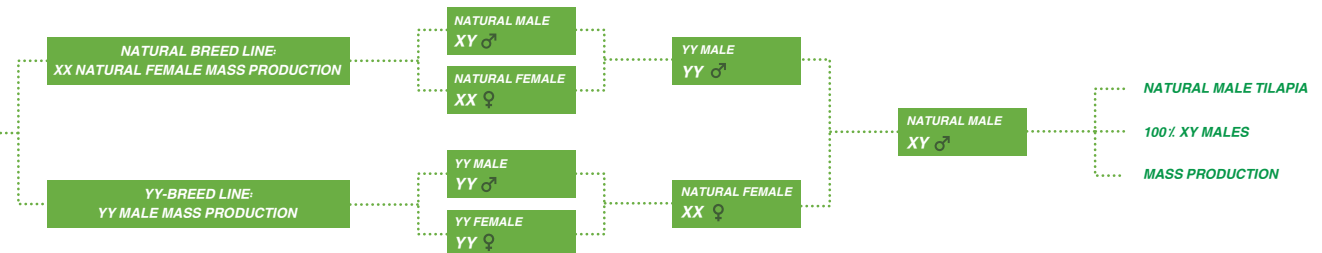
THE FIRST PROJECT OF ITS KIND IN THE KINGDOM AND THE MIDDLE EAST WAS IMPLEMENTED FOR THE PRODUCTION OF FINGERLINGS OF TILAPIA FISH MALES ONLY, IN ORDER TO TAKE ADVANTAGE OF THEIR DISTINGUISHED GENETIC CHARACTERS IN GROWTH, DISEASE RESISTANCE, AND FAST DELIVERY WEIGHT. WE STARTED PRODUCING ABOUT 400,000 CHICKS PER MONTH AND ARE WORKING TO INCREASE OUR PRODUCTION TO REACH 10 MILLION PER MONTH TO MEET THE FISH NEEDS OF OUR CUSTOMERS

BENEFITS AND FEATURES OF THIS SYSTEM:

- 20% INCREASE IN WEIGHT OVER NORMAL PRODUCTION.
- SAVING THE TIME AND EFFORT NEEDED IN SORTING MALES AND FE-MALES, WHICH IS DONE MANUALLY.
- REDUCING THE PERIOD OF UPBRINGING NEEDED TO REACH THE RE-QUIRED WEIGHT FROM 6 MONTHS TO 4 MONTHS
- THE SIZES OF FISH ARE VERY CLOSE, ALLOWING THE FISH TANK TO BE FISHED ONCE AND INCREASING THE WISH FOR FOOD SHOPS THAT USE A STANDARDIZED SIZE IN THE MEALS.
- BETTER QUALITY MEAT PRODUCTION THAN FEMALES.



PRODUCTION OF NMT THROUGH YY-TECHNOLOGY:





POULTRY PRODUCTION

SINCE THE ESTABLISHMENT OF KIAN ALWATANIA FARM IT HAS ENTERED THE FIELD OF POULTRY PRODUCTION, AND IT PRODUCES EVERYTHING THAT ITS CLIENTS NEED IN THE FIELD OF POULTRY FARMING TO ACHIEVE PARTNERSHIP WITH THEM AND PROVIDE THEM WITH INTEGRATED SERVICE. WE PERFORM THE BREEDING OF CHICKEN AT THE FARM OF MOHAMMED ABDULLAH AL-TALEB IN CLOSED TERRACES IN ISOLATED AREAS FROM POLLUTION, AND THE FARM HAS ACHIEVED THE BEST RESULTS USING VEGETARIAN FEEDS UNDER THE SUPERVISION OF SELECTED ELITE OF TECHNICIANS IN THE FIELD OF CHICKEN BREEDING.



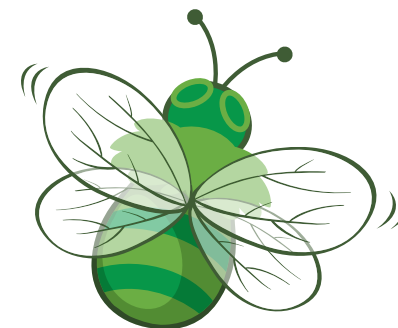
MEAT PRODUCTION



THE FARM PRODUCES THE BEST TYPES OF CARCASSES AND MEAT FROM LIVESTOCK RAISED IN THE NATURAL ENVIRONMENT IN AREAS ISOLATED FROM POLLUTION. THE FARM HAS ACHIEVED THE BEST RESULTS BY USING ORGANIC FODDER UNDER THE SUPERVISION OF HIGHLY QUALIFIED AND EXPERIENCED TECHNICIANS IN THE FIELD OF RANCHING.



HONEY PRODUCTION



IN OUR BREEDING OF BEES, TAKE INTO ACCOUNT THE PRESERVATION OF BIOLOGICAL ASPECTS IN ALL PRODUCTION PROCESSES AND WE ARE INTERESTED IN BIODIVERSITY AND MAINTAIN NATURAL RESOURCES WITHOUT USING INDUSTRIAL CHEMICALS. ALL OF OUR HONEY, POLLEN PRODUCTS AND HONEY DERIVATIVES COME FROM NATURAL PLANTS ON THE FARM. WE WORK WITH BEEKEEPERS EXPERTS IN THE FIELD OF BEEKEEPING MANAGEMENT IN THE SAME WAY WHICH WE FOLLOW. AT KIAN, WE HAVE A TEAM OF PROFESSIONAL AND EXPERT BEEKEEPERS, WHO REPRESENT A GUARANTEE FOR THE CONTINUOUS IMPROVEMENT OF THE QUALITY OF OUR PRODUCTS, AND WHO OFFER A WIDE RANGE OF EXCELLENT, SATURATED ORGANIC PRODUCTS WHICH HAVE THE LEADERSHIP IN THE ORGANIC PRODUCTS MARKET FOR THEIR TASTE AND HIGH QUALITY. BEES REPRESENT THE VITAL LINK FOR US AND FOR THE FOOD CHAIN IN THE ECOSYSTEM DUE TO ITS IMPORTANCE IN NATURE AND IN THE FOOD CHAIN.



FORESTS AND NATURAL PASTURES



WE ARE INTERESTED IN THE FARM OF KIAN ALWATANIA BY PRESERVING THE LAND PLANT SPECIES IN THE REGION SO 48 HECTARES WERE ALLOCATED TO GROWN PLANT SPECIES THAT ARE PRODUCED IN THE FARM NURSERY SUCH AS TALLAH AND SAMRINGA, MORINGA, AND OTHER TYPES ARE USED AS PASTURES FOR BEES AND BEAUTIFY THE AREA TAKING CARE OF THE VEGETATION COVER AND MAKING USE OF THE TREES IN THE PRODUCTION OF WOOD, AS THEY ARE PLANTED WITH TYPES OF TREES AND SHRUBS WITH A HIGH NUTRITIONAL VALUE TO GIVE THE MEAT PRODUCED IN THE FARM THE HIGH QUALITY AND DISTINCTIVE TASTE.





SALT TREATMENTS

SOLUBLE FERTILIZER

GRANULAR FERTILIZER

SUSPENDED FERTILIZER

LIQUID FERTILIZER

GROWTH FERTILIZER

MINOR ELEMENTS





SOLUBLE FERTILIZER

THEY ARE A COMPLETE GROUP OF COMPOUND FERTILIZERS SOLUBLE IN WATER USED IN DRIP IRRIGATION COVERING A WIDE RANGE OF DIFFERENT RATIOS OF NUTRIENTS. ALL FORMULATIONS ARE BALANCED, WITH NITROGEN FROM SEVERAL SOURCES. CHLORINE FREE AND INSTANT SOLUBLE THANKS TO THE SUPERIOR INGREDIENTS AND BALANCED FORMULATIONS INFUSED WITH CHELATING MICROELEMENTS, AL WISSAM GROUP IS THE FOUNDATION OF SUCCESSFUL FERTILIZATION PROGRAMS. OUR PRODUCTS FOLLOW A PRODUCTION PROCESS THAT ENSURES FORMULATIONS WITH MAXIMUM SOLUBILITY OF NUTRIENTS. WE HAVE SPECIALLY MANUFACTURED PRODUCTS OF HIGH QUALITY THAT MEET THE NEEDS OF DIFFERENT MARKETS AND THE DIFFERENT CROPS GROWN IN EACH COUNTRY.





GRANULAR FERTILIZERS

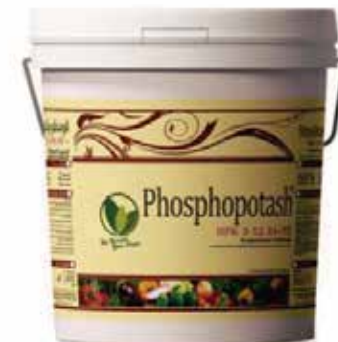
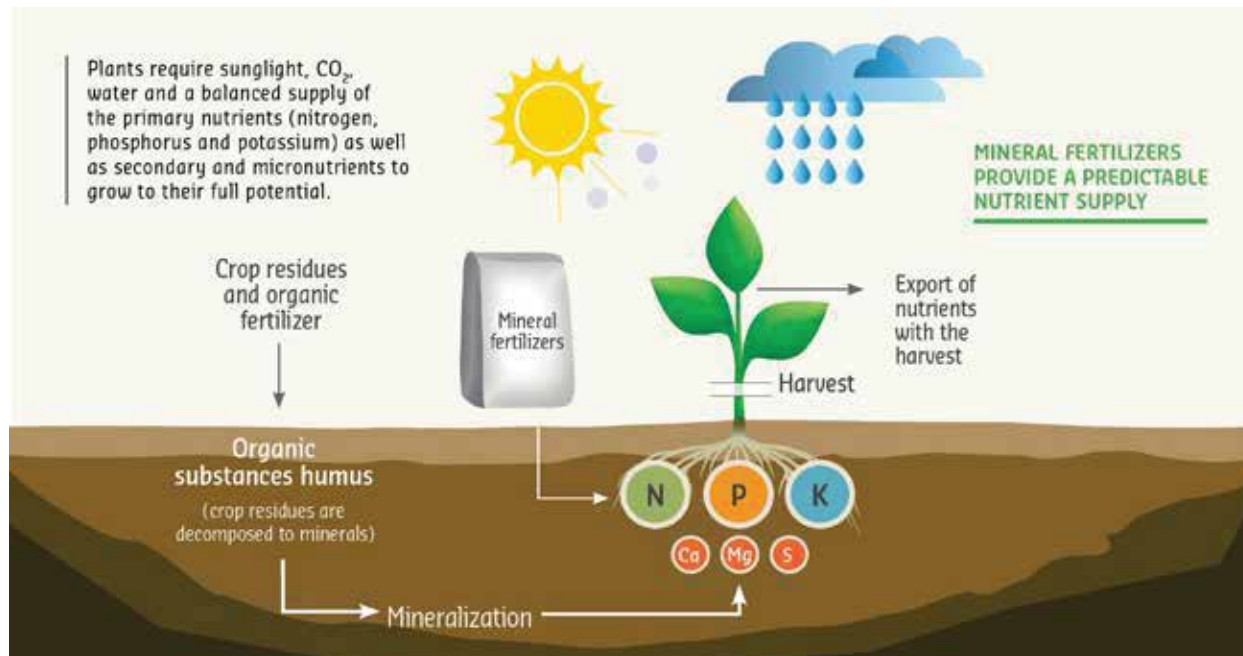
A WIDE RANGE OF FERTILIZERS WERE MANUFACTURED IN MANUFACTURED BY PHYSICAL MIXING AND CHEMICAL INTERACTION, USING THE BEST TYPES OF RAW MATERIALS, TO ENSURE THEIR HARMONY IN TERMS OF CHEMICAL SPECIFICATIONS AND PHYSICAL AP-PEARANCE TO ENSURE A BALANCED DISTRIBUTION OF NUTRIENTS FOR ALL PLANTS IN THE FIELD. AL WESSAM OWNS A NEW GRANULAR FERTILIZER PRODUCTION LINE THAT WORKS BY PHYSICAL MIXING AND CHEMICAL REACTION TO PRODUCE A WIDE RANGE OF DIF-FERENT GRANULAR PRODUCTS WITH HIGH SPECIFICATIONS.

FERTILIZER PRODUCTION PROCESS



SUSPENDED FERTILIZER

A MIXTURE OF COMPONENTS THAT ARE COMPLETELY SOLUBLE IN WATER, PART OF THEM DISSOLVES UNTIL THE POINT OF SATURATION, AND THE REST DOES NOT DISSOLVE AND REMAINS IN THE MEDIUM IN THE FORM OF PARTICLES LESS THAN A MICRON. THESE PARTICLES ARE SUSPENDED FOR SOME HOURS WITHOUT DEPOSITION BY USING SUSPENDED MATERIALS. SUSPENDED FERTILIZERS CONTAIN 5-55% WATER BY WEIGHT AND 45-95% COMPONENTS OF FERTILIZERS AND SUSPENSIONS HAVE A PH RANGING FROM 2-7.





LIQUID FERTILIZERS

LIQUID FERTILIZERS ARE MORE EASILY ABSORBED BY PLANTS AND HAVE A FASTER EFFECT. THEIR EFFECT ON THE PLANT WAS NOTICED FASTER, FOR THIS REASON, THEY ARE THE MOST PREFERRED TYPE OF FERTILIZER: AL WISSAM LIQUID FERTILIZERS ARE CHARACTERIZED BY:

- EASY TO BE ABSORBED BY CROPS.**
- CONTAINS SELECTED AND DISTINGUISHED COMBINATIONS OF NUTRITIONAL AND ORGANIC MINERALS ELEMENTS FOR A BALANCED AND ACTIVE GROWTH**
- THEY CAN BE USED WITH HIGH EFFICIENCY IN DIFFERENT FERTILIZATION METHODS**

LIQUID FERTILIZERS ARE MORE BENEFICIAL THAN SOLID FERTILIZERS BECAUSE THEY ARE:

- EASY TO BE ABSORBED BY CROPS.**
- CONTAINS A SELECTIVE AND DISTINCTIVE COMBINATION OF NUTRIENTS AND ORGANIC MINERALS ELEMENTS FOR A BALANCED AND ACTIVE GROWTH.**
- THEY CAN BE USED WITH HIGH EFFICIENCY IN DIFFERENT FERTILIZATION METHODS.**
- SUITABLE FOR ALL KINDS OF CROPS.**



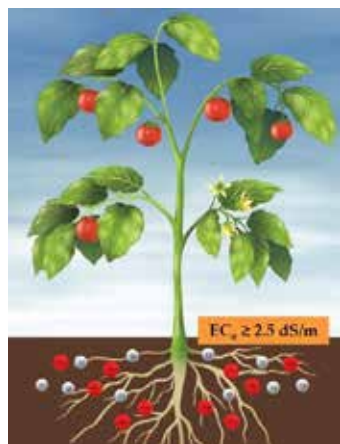
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SOIL SALINITY TREATMENTS

ANTI-SALT IS AN ADVANCED AND CLEAN PRODUCT ON SOIL AS IT TREATS SOIL SALINITY TO HELP PLANTS GROW IN SALINE SOIL AS THEY GROW IN NATURAL AGRICULTURAL SOIL WITH THE SAME EFFICIENCY AND QUALITY ANTI-SALT SOIL SALINITY TREATMENT CONTAINS 14% CALCIUM. CALCIUM IS THE PREVAILING CATION IN MOST OF THE LANDS WHERE THE HYDROGEN REPLACES THE CALCIUM IN THE SOIL. IT IS FOUND CHEMICALLY UNITED WITH OTHER ELEMENTS IN THE COMBINATION OF SOME MINERALS SUCH AS ANORTHITE $CaAl_2Si_2O_8$ AND $CaCO_3$ CALCITE IN DRY AND SEMI-DRY AREAS AND ABUNDANT TRI-CALCIUM PHOSPHATE NON SOLUBLE IN ALKALINE SOILS. CONTAINS FORTIFIED ORGANIC INGREDIENTS 40% WHICH ARE ADDED TO PLANTS AND FRUIT ORCHARDS TO ACHIEVE THE FOLLOWING PURPOSES: IMPROVING SOIL PROPERTIES BY DISMANTLING GRANULES OF SOIL ESPECIALLY HEAVY ONES, AND IMPROVING ITS VENTILATION SO THAT AIR AND WATER PERMEATE THERE INCREASING THE WATER HOLDING CAPACITY OF THE SOIL, ESPECIALLY THE SANDY LANDS. INCREASING SOIL FERTILITY AND INCREASING ITS CATIONIC CAPACITY. - FREE OF CHLORINE.





GROWTH FERTILIZERS

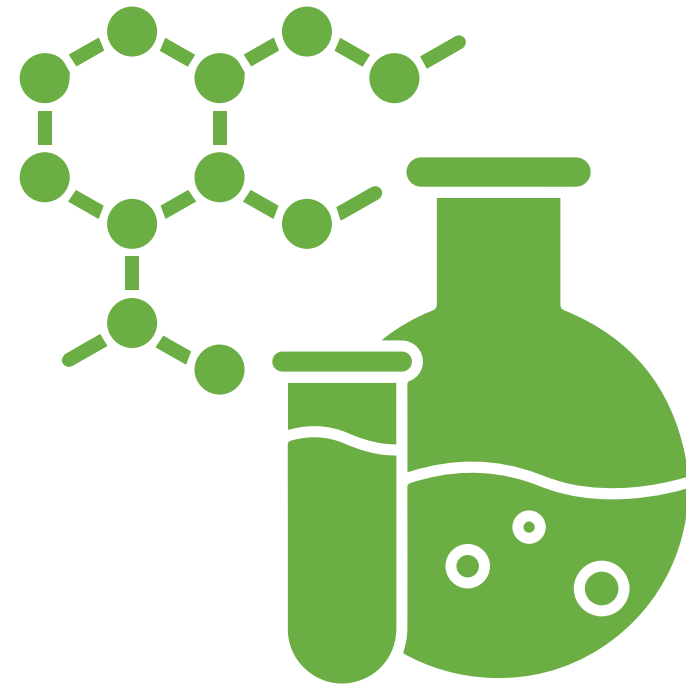
GROWTH FERTILIZERS ARE SPECIALIZED FERTILIZERS THAT CONTRIBUTE TO IMPROVING SPECIFICATIONS AND ENHANCING PLANT IMMUNITY, IN KIAN. WE MAKE A WIDE RANGE OF ENHANCERS STARTING FROM ENHANCING PLANT IMMUNITY FROST RESISTANCE, INCREASING KNOTS AND IMPROVING SPECIFICATIONS. REPLACING SOIL RARE ELEMENTS. OUR FERTILIZERS ARE MADE FROM PLANT-DERIVED HORMONES AND CHEMICALS ARE NOT USED IN THEM





MICRO ELEMENTS

MICRO ELEMENTS ARE THE ELEMENTS NEEDED BY THE PLANT IN SIMPLE QUANTITIES BUT ESSENTIAL FOR PLANT GROWTH AND IMPROVING THE QUALITY AND SPECIFICATIONS OF PRODUCTION. FOR COMPLETION OF THE NUTRIENT GROUP OF ALWISSAM. THE GROUP OF BASIC MICRO ITEMS (**IRON**, **COPPER**, **MANGANESE**, **ZINC...ETC**) HAS BEEN MANUFACTURED.





PLASTIC PRODUCTS FOR GREEN HOUSES

KIAN FACTORY FOR PLASTIC PRODUCTS CO LTD IS ONE OF THE LEADING COMPANIES IN THE MANUFACTURE OF PLASTIC PRODUCTS IN THE KINGDOM OF SAUDI ARABIA, AND ONE OF OUR MOST IMPORTANT PRODUCTS IS HIGH QUALITY AND PROCESSED SHADE NETS WHICH ARE MANUFACTURED FROM THE BEST AND PUREST RAW MATERIALS. OUR PRODUCTS ARE WIDELY USED IN SEVERAL FIELDS, ESPECIALLY THE AGRICULTURAL FIELD, WHERE THEY ARE USED TO PROTECT PROTECTED CROPS, PROTECTED PLANTS AND PLANTS FROM THE HARMFUL EFFECT OF ULTRAVIOLET RAYS, PROTECTION FROM PESTS AND STRONG WINDS. THAT CONTRIBUTES TO INCREASING PRODUCTION IN TERMS OF QUANTITY AND QUALITY AS THEY CAN BE USED TO COVER BUILDINGS THAT ARE STILL UNDER CONSTRUCTION, CHILDREN'S PLAYGROUNDS, CAR PARKS CONSTRUCTING FARM FENCES AND BIRD CAGES. DURING THE COURSE OF OUR WORK, WE HAVE BEEN ABLE TO BE DISTINGUISHED BY OUR PRODUCTS AND GAIN THE TRUST OF OUR CUSTOMERS LOCALLY, REGIONALLY AND INTERNATIONALLY.

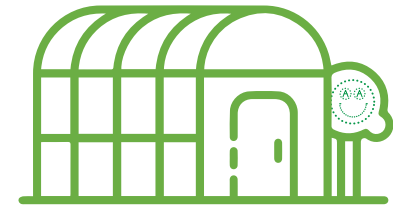




PLASTIC PRODUCTS FOR GREEN HOUSES

SHADE NET SPECIFICATIONS

- THE WIDTH STARTS FROM 1 - 2 - 3 6 METERS.
- THE MAIN LENGTH IS 50 METERS AND CAN BE CHANGED UP TO 100 METERS.
- AVAILABLE COLORS: GREEN, EARTHY BEIGE, LIGHT BLUE, CARMINE RED, BLACK.
- AVAILABLE CLASSES: CLASSIC, SUPER, ULTIMATE.
- WEIGHT / M2: ACCORDING TO THE EXISTING CLASSES AND THE PERCENTAGE OF SHADING.





GRASS

WALL GRASS

THE WALL GRASS OF BEAUTY LAND IS TREATED WITH UV TO ENSURE THAT IT CAN WITHSTAND THE HOT WEATHER IN THE KINGDOM. WE PROVIDE WALL GRASS PRODUCTS FROM THE BEST FACTORIES AND THE BEST QUALITY, AS WE HAVE A TECHNICAL TEAM TO INSTALL IT.



ARTIFICIAL GRASS

SUPPLYING AND INSTALLING BOTH TYPES OF ARTIFICIAL TURF FOR GARDENS AND PLAYGROUNDS AND CARRYING OUT GARDENING WORKS. WE HAVE A SPECIALIZED TEAM TRAINED FOR INSTALLATION WORK.





WPC WOOD

ONE OF THE LARGEST AREAS IN WHICH IT SPECIALIZES IN THE SUPPLY AND INSTALLATION OF GROUND AND WALL TREATED WOOD WPC OF ALL KINDS AND FORMS. OUR TECHNICIANS HAVE THE ABILITY TO INSTALL IT PROFESSIONALLY AND QUICKLY BEAUTY LAND ALSO GUARANTEES THE QUALITY OF ITS PRODUCTS FROM TREATED WOOD IN TERMS OF QUALITY AND INSTALLATION



WPC WOOD





PLANTING POTS

KIAN IS ONE OF THE LARGEST SUPPLIERS OF PONDS IN THE KINGDOM AND HAS A WIDE COLLECTION AND A VARIETY OF AGRICULTURAL BASINS OF ALL KINDS, SMART BASINS, PLASTIC, STAINLESS STEEL, FIBERGLASS, AND GRC STONE, TO SUIT DIFFERENT TASTES AND REQUIREMENTS.





LAND SCAPING

KIAN IS ONE OF THE LARGEST SUPPLIERS OF PONDS IN THE KINGDOM AND HAS A WIDE COLLECTION AND A VARIETY OF AGRICULTURAL BASINS OF ALL KINDS. SMART BASINS, PLASTIC, STAINLESS STEEL, FIBERGLASS, AND GRC STONE, TO SUIT DIFFERENT TASTES AND REQUIREMENTS.





THANK YOU

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