



DOGAL AS.

**KİMYEVİ MADDELER VE ZİRAİ İLAÇLAR
SANAYİ VE TİCARET AŞ.**

**DOGAL PESTICIDES AND
AGROCHEMICALS TRADE INDUSTRY INC.**

Your “best partner” in agriculture...





DOGAL AS. was established in 1994 in Istanbul, Turkey. DOGAL AS. supplies pesticides and agrochemicals to all customers and farmers with a wide range of high-quality products and professional technical support. DOGAL AS. has become a leading formulator of many kinds of pesticides, plant growth regulators, chelated micronutrients, foliar and drip irrigation fertilizers. We are specialized in manufacturing, registering, and marketing high-quality, cost-effective crop protection solutions products and agrochemicals for agriculture and horticulture.

Regional offices, and our own warehouses in agricultural active regions of Turkey are always ready to give service and technical support to customers through more than 40 agronomists.

DOGAL AS. formulation & filling plant is located in Antalya, South of Turkey with a modern quality control laboratory licensed by the Turkish Ministry of Agriculture in Antalya Organized Industrial Zone.

Our portfolio includes more than 200 registered pesticides and plant growth regulators, foliar, drip irrigation and single micronutrient fertilizers certified by The Turkish Ministry of Agriculture.

There are current and novel formulation and filling lines, such as SL, LS, EC, SC, FS, CS, OD, WP, DS, SP, EW, FF, Tablet and Powder and DF/WDG formulation units under development with collaboration of Turkish Scientific Institution.

DOGAL AS. is an ISO-certified company with certification for ISO 9001:2015 Quality Standard, ISO 14001:2015 Environmental Standard and OHSAS 18001 Occupational Health and Safety Management Standard.

Turkey is an OECD Country and an associate member of EU.
Able to issue ATR and EUR 1 certificates.

DOGAL AS.

Quality Assurance
From seed to harvest...
Your 'Best Partner' in agriculture.

- ✚ *High Quality, Cost-effective, New Generation Products*
- ✚ *Sustainability*
- ✚ *Production strictly as per specification*
- ✚ *Strong Business Partnership*
- ✚ *Best Service & Professional Technical Support*
- ✚ *Highest international quality standards (ISO accredited).*

Registered Insecticides in Turkiye

DOĞAL TRADE NAME	ACTIVE INGREDIENT
AKUTAN 35 WG	Chlorantraniliprole 35% SC
APACHE 50 EC	Pirimiphos methyl 500 g/L EC
APRAUNT 400 SC	Buprofezin 400 g/L SC
BEKCHI 5 SG	Emamectin benzoate %5 SG
BERSA EW 240	Tau-fluvalinate 240 g/L EW
CORAGGIO	Acetamiprid 200 g/L SL
DEKAGARD 5 SC	Deltamethrin 50 g/L SC
DEKAGARD EC 25	Deltamethrin 25 g/L EC
DOĞAL SUMMER OIL	Mineral oil 850 g/L SL
DOXIN 100 EC	Alpha-cypermethrin 100 g/L EC
DUMBLE 40 EC	Dimethoate 400 g/L EC
EGGMEN 200 SC	Chlorantraniliprole 200 g/L SC
FLOMICE	Metaflumizone 240 g/L SC
GRIVA 50 WG	Flonicamid 50% WG
JUDO 5 EC	Lambda cyhalothrin 50 g/L EC
JUDO EXSTRA CS	Lambda cyhalothrin 50 g/L CS
MAJESTE 20 EC	Esfenvalerate 200 g/L EC
MATADOR 250 EC	Cypermethrin 250 g/L EC
PALAMIN 50 WG	Pymetrozine %50 WG
PANZHER	Primicarb %50 WP
PUERTO SC 100	Spirotetramat 100 g/L SC
RASAT 93 SC	Indoxacarb 75 g/L + Abamectin 18 g/L SC
REA 800	Mineral oil 800 g/L SL
ROCKET 20 SP	Acetamiprid %20 SP
SAPHO	Spinosad 480 g/L SC
SATIR	Methoxyfenozide 240 g/L SC
SERVANT 150 SC	Indoxacarb 150 g/L SC
SERVANT WG	Indoxacarb %30 WG
SPIRON	Pyriproxyfen 100 g/L EC
TRELON 65 EC	Malathion 650 g/L EC

Registered Acaricides/ Miticides

DOĞAL TRADE NAME	ACTIVE INGREDIENT
CONTEST EC	Abamectin 18 g/L EC
ETON	Etofenprox 50 g/L EC
KARIA 20 WP	Tebufofenpyrad 20% WP
LADON SC 240	Spiromesifen 240 g/L SC
PIRENE	Bifenazate 240 g/L SC
POLE 500 SC	Clofentezine 500 g/L SC
REFEREE 5 EC	Hexythiazox 50 g/L EC
SEZOX	Fenpyroximate 50 g/L SC
SPIDER 20 WP	Pyridaben %20 WP
TARAS SC 240	Spirodiclofen 240 g/L SC
TAZOLE	Etoazole 110 g/L SC

DOĞAL KİMYEVİ MADDELER VE ZİRAİ İLAÇLAR SANAYİ TİCARET AŞ.

DOĞAL PESTICIDES & AGROCHEMICALS INDUSTRY TRADE SA.



DOĞAL AS. Was established in 1994 in Istanbul, Turkey. It supplies agrochemicals to all customers and farmers with a wide range of high-quality products and technical support.

DOĞAL AS. Is one of the leading formulators, producers and exporters of pesticides, agrochemicals, plant growth regulators, chelated micronutrients, and general foliar and drip irrigation fertilizers.

REGISTERED NEMATICIDES

DOĞAL TRADE NAME	ACTIVE INGREDIENT		
BASTON 400 EC	Fenamiphos 400 g/L EC		
TRIPP 900 EC	Fosthiazate 900 g/L EC		
TRIPP 150 EC	Fosthiazate 150 g/L EC		
TRIPP 10 G	Fosthiazate %10 GR		

REGISTERED Molluscicides

DOĞAL TRADE NAME	ACTIVE INGREDIENT	ORIGIN	COMPANY
FURINA 6	Metaldehyde %6 GB		
RAMPEX 4	Metaldehyde %4 GB		

REGISTERED Fumigant

DOĞAL TRADE NAME	ACTIVE INGREDIENT	ORIGIN	COMPANY
SPITFIRE (exp)	Metam sodium 500 g/L SL		
SHOT TABLET	Aluminum phosphide 56% Tablet		

ORGANIC BASED FUNGICIDE

POLYDOCTOR ®	Pythium oligandrum strain M1, 1x10 üzeri 6 oospor/1 gr WP Wettable Powder
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DOĞAL

REGISTERED FUNGICIDES

DOGAL TRADE NAME	ACTIVE INGREDIENT
BOND 320 SC	Tebuconazole 200 g/L + Azoxystrobin 120 g/L SC
BOW BAKIR 50 WP	Copper oxychloride equivalent to 50% of Metallic copper WP
CAMADA	Thiophanate methyl %70 WP
CHAKIR 10 EC	Tetraconazole 100 g/L EC
CORKI 300 EC	Cyprodinil 300 g/L EC
DIREN 50 WP	Cymoxanil %50 WP
DOGAMAN 250 EC	Difenoconazole 250 g/L EC
DORIS	Azoxystrobin 250 g/L SC
DORYAT WG	Boscalid 25,2% + Pyraclostrobin 12,8% WG
EKHON 50 WG	Cyprodinil %50 WG
EMERALD 100 EC	Penconazole 100 g/L EC
FATCHO 5 EC	Copper salts, fatty rosin acids 51.4 gr/L of Metallic copper EC
FESTAN	Cyprodinil 37,5% + Fludioxonil 25% WG
FIERO 77 WP	Copper hydroxide equivalent to 50% of metallic copper
FOREKS 70 WG	Dithianon 70% WG
FORZOL SC 500	Fenhexamide 500 g/L SC
GANICE 480 EC	Metalaxyl-M 480 g/L EC
GATE 50 WG	Trifloxystrobin %50 WG
HAMLE 250 SC	Flutriafol 250 g/L SC
HOCKEY XL 035 FS	Fludioxonil 25 g/L + Metalaxyl-M 10 g/L FS
HOOK 50 EC	Imazalil 500 gr/L EC
INDEX WG	Boscalid 26,7% + Pyraclostrobin 6,7% WG
INTAKE 460 EC	Spiroxamine 300 g/L + Prothioconazole 160 g/L EC
JAKO 50 WG	Kresoxim methyl %50 WG
JASOP	Copper sulphate equivalent to 62,82 g/L of Metallic copper SC
KADRAN 500 SC	Dithianon 250 g/L + Pyrimethanil 250 g/L SC
KORTIC 40 EC	Flusilazole 400 g/L EC
MEGASIL 200 LS	Metalaxyl 200 g/L SL
MEGASIL 35 DS	Metalaxyl %35 DS
MYTASTY 125 FS	Azoxystrobin 75 g/L + Metalaxyl-M 37,5 g/L + Fludioxonil 12,25 g/L FS
NORAT 50 WP	Captan %50 WP
NORDOX 75 WG	Copper oxide equivalent to 75% of Metallic copper WG
NUTRAL 75 WG	Tabuconazole 50% + Trifloxystrobin 25% WG
ORKESTRA 250 EC	Bupirimate 250 g/L EC
PITYO PRO	Famoxadone %22,5 + Cymoxanil %30 WG
PREVENT	Propamocarb hydrochloride 722 g/L SL
QUARS 325 SC	Azoxystrobin 200 gr/L + Difenoconazole 125 g/L SC
RAMBLER 50 WP	Mancozeb %45 + Cymoxanil %5 WP
RITA 400	Phosphorous acid 400 g/L SL
RODER 80 WP	Fosetyl Al %80 WP
SOLIZOL 25 WP	Tebuconazole %25 WP
SOLIZOL 250 EC	Tebuconazole 250 g/L EC
SUPEROL EW 50	Triadimenol 50 g/L EW
SUPERPREX 500 FW	Dodine 500 g/L SC
TALOS SC	Boscalid 200 g/L + Kresoxim-methyl 100 g/L SC
TAPSO 50 WP	Tolclofos methyl %50 WP
TARGERON 192 EC	Prochloraz 150 g/L + Prothioconazole 42 g/L EC
TENNIS 360 SL	Hymexazol 360 g/L SL
TENNIS 70 WP	Hymexazol %70 WP
TENSION 300 SC	Pyrimethanil 300 g/L SC
VINIFILL 24 EC	Myclobutanil 245 g/L EC
WREST 500 SC	Captan 500 g/L SC

REGISTERED HERBICIDES	
DOGAL TRADE NAME	ACTIVE INGREDIENT
BALYOZE 45 EC	Pinoxaden 22,5 g/L+Clodinafop-propargyl 22,5 g/L+Cloquintocet-mexyl safener 5,63 g/L EC
BANDERILLA 600 SC	Metribuzin 600 g/L SC
BANDERILLA 70 WP	Metribuzin %70 WP
BARRACUDA 45 SC	Napropamide 450 g/L SC
BEETUP COMPACT	Phenmedipham 129 g/L + Desmedipham 34 g/L EC
BEETUP TRIO	Phenmedipham 91 g/L+Desmedipham 71 g/L+Ethofumesate 112 g/L EC
BOXER 441 SL	Glyphosate Potassium Salt 441 g/L SL
BOXER 48 SL	Glyphosate IPA salt 480 g/L SL
CALAMITY	Tribenuron methyl %75 DF
CARTEL 45 EC	Pinoxaden 45 g/L + Cloquintocet-mexyl safener 20 g/L EC
CLAP-M	MCPA 340 g/L + Dicamba 80 g/L SL
CURRENT 240 EC	Clodinafop propargyl 240 g/L EC
DOMIN 400 SC	Bispyribac sodium 420 g/L SC
ENTER 200 SL	Glufosinate ammonium salt 200 g/L SL
FAVORITE 80 EC	Clodinafop propargyl 80 g/L EC
FIORA 120 OD	Mesosulfuron-Methyl 30 g/L + Mefenpeyr-Diethyl Safener 90 g/L OD
FORS SUPER	Fenoxaprop-p-ethyl 69 g/L + Cloquintocet-mexyl 34.5 g/L safener EW
GORDONN	2,4-D tri-isopropyl amin salts 451,4 g/L+Picloram 116,3 g/L SL
HADES WG	Aminopyralid %30 + Florasulam %15, WG
HAMMER 10 WP	Chlorsulfuron %10 WP
HERMIS 42 OD	Mesosulfuron methyl 10 g/L+Iodosulfuron-methyl sodium 2 g/L+Mefenpyr-diethyl 30 g/L OD
KALMIS	Propyzamide %50 WP
KAROLINE 480 SC	Mesotrione 480 g/L SC
KIRES ULTRA	Imazamox 40 g/L SL
LEDA-S 915 EC	S-metolachlor 915 g/L + Benoxacor sefener 45 g/L EC
LINDOL 70 WG	Dicamba % 65,9 + Triasulfuron % 4,1 WG
LINOSEL 45 SC	Linuron 450 g/L SC
MEKA SUPER	Clethodim 240 g/L EC
MIZRAK 75 DF	Thifensulfuron-methyl 50% + Tribenuron-methyl 25% DF
MORBIDOL 240 EC	Oxyfluorfen 240 g/L EC
OBA 10 WP	Bensulfuron methyl %8,25 + Metsulfuron methyl %1,75 WP
OCTANE 480 EC	Clomazone 480 g/L EC
PELIX 250 SC	Quinclorac 250 g/L SC
PIKOMAX 500 SC	Metamitron 350 g/L + Ethofumesate 150 g/L SC
RESORT 33 EC	Pendimethalin 330 g/L EC
RESORT EXTRA	Pendimethalin 450 g/L CS
RONIN 25 SG	Rimsulfuron 25% SG
RUMBA 880 EC	Prosulfocarb 800 g/L + Metribuzin 80 g/L EC
SAROS 400 SC	Terbuthylazine 330 g/L + Mesotrione 70 g/L SC
SELEN	Aclonifen 600 g/L SC
SORTI SUPER	Quizalofop-p-ethyl 50 g/L EC
SPIDOR 25 EC	Oxadiazon 250 g/L EC
TAYRANG	2,4-D EHE 452,42 g/L + Florasulam 6,25 g/L SE
TEKFUR	Prosulfocarb 800 g/L EC
TEMPE	Penoxsulam 25,2 g/L OD
THANKER 200 EC	Cyhalofop-butyl 200 g/L EC
TIFIS WG	Mesosulfuron-Methyl %3+Iodosulfuron-Methyl Sodium %0,6+Mefenpeyr-Diethyl %9 WG
TOCA SL	Bentazone 480 g/L + Imazamox 22,4 g/L SL
TORCH	Dicamba 480 g/L SL
VAIN	Nicosulfuron 40 g/L SC
VARUS 250 EC	Flurochloridone 250 g/L EC
VINTIME 105 OD	Mesotrione 75 g/L + Nicosulfuron 30 g/L OD
YONA	Bentazone 480 g/L SL
YONA-M	Bentazone 250 g/L + MCPA 125 g/L EC
ZENKA FORTE	Fluazifop-p-butyl 150 g/L EC
ZERDA 100 SL	Clopyralid 100 g/L SL

REGISTERED PLANT GROWTH REGULATORS	
DOĞAL TRADE NAME	ACTIVE INGREDIENT
ARMA 10 SL	Gibberellin A4/A7 10 g/L SL
DURDURAN 3 C	Chlormequat chloride 460 g/L SL
FIGURA ULTRA	Thidiazuron 120 g/L + Diuron 60 g/L SC
MAYSAL 48 SL	Ethephon 480 g/L SL
MEGAFILL SP	Gibberellic Acid %3.1 SP
MEGAFILL TABLET	Gibberellic Acid 1 gr Tablet
MEGAFILL 40% WSG	Gibberellic Acid 40% WSG
NERGOFEX	Forchlorfenuron 10 g/L SL
POLYAS	Gibberellin A4/A7 18,5 g/L + Benzyladenine 18,8 g/L SL
SUPER ARTIRAN	Nitrophenolate mixture 18 g/L SL
SUPERIX 5 SL	Mepiquat chloride 50 g/L SL
SUPERTONIK	Nitrophenolate mixture 6 g/L SL
ULTIO	Ethephon 480 g/L + Cycilanilide 60 g/L SC
U LTIO PRO SC 765	Ethephon 720 g/L + Cycilanilide 45 g/L SC
VULCANO GOLD	Gibberellic Acid 20 g/L SL



OUR VISION; To become the most reliable formulator and distributor of Agricultural Inputs in Africa, the Middle East and CIS countries with our superior formulation technology and R&D capability. To have a strong reputation for producing and exporting products with European quality and packing and prices better than Europe.

OUR MISSION; To provide high-quality products at competitive prices along with Marketing and Developmental Support for old as well as new formulation chemistries to our customers.

Turkey is an OECD Country and an associate member of the EU.
We are able to issue ATR and EUR 1 certificate for loadings.


We are an ISO 9001, ISO 14001 and OHSAS 18001 certified company engaged in the manufacturing of pesticides, fertilizers and other agrochemicals.




OUR SPECIAL FERTILIZERS

DOGAL' Trade Mark	Picture	Content and technical summary
SUPEROZYME Liquid (Special liquid seaweed with nitrogen)		Seaweed Extract Added Liquid Nitrogen Organomineral Fertilizer Liquid seaweed is an organometal special fertilizer supplemented with nitrogen. It also contains natural and organic components. It contributes directly to plant development, makes other fertilizers work better, affects and increases yield, strengthens roots, and increases flower quality.
Zn COMMANDER 5.5		5.5% Zinc Fertilizer – (100% EDTA Chelated) It is used in all areas with zinc deficiency, it increases the development of green parts and the resistance of the plant, its formulation is special, it is not easily washed off by rains, and it is the best zinc liquid fertilizer with 100% chelate that is beneficial for the plant.
B COMMANDER		9% Boron Ethanolamine Liquid Fertilizer It is used in all areas with boron deficiency. Helps zinc work more effectively, It is necessary for seed formation, fruit set, pollen health and fertilization. It aids in the formation of hormones (especially auxins). It affects cell division.
Ca COMMANDER		14.2% Calcium Nitrate Liquid Fertilizer Calcium is essential for plant health, root and leaf growth and strong fruiting. It is located between cells. It strengthens the cell wall. It is necessary for normal flowering and root development. It helps in the uptake of nitrates. It increases the plant's resistance to diseases, drought and stress.
Cu COMMANDER		6% Copper Fertilizer - (100% EDTA Chelated) It is necessary for the formation of chlorophyll. It regulates carbon dioxide uptake and is effective in photosynthesis. It is found in the structure of many enzymes. It is important for protein production. It is a catalyst for respiration. It provides balancing of water movement in the plant. It takes part in the formation of the cell wall. It is necessary for normal flower formation and seed production.
COMMANDER NP+Zn		5% Nitrogen + 25% Phosphorus + 5% Zinc Liquid Fertilizer It is a special liquid fertilizer containing 5% Nitrogen + 25% Phosphorus + 5% Zinc. It can be applied to leaves and soil. It is very important for root development. It directly contributes to fruit development and yield. It should be used in the first developmental stage of the plant. It can be applied foliar, with a drip irrigation system and root. Due to its special content, there is no need to use a spreading adhesive. One of our plant growth regulators, Megafill tablets can be used in the early-first growth period, and the later growth periods, after flowering, by mixing with Super Artiran.
COMMANDER NP+Zn+B		5% Nitrogen + 20% Phosphorus + 1.2% Zinc + 0.9% Boron Liquid Fertilizer It is a special liquid fertilizer containing 5% Nitrogen + 20% Phosphorus + 1.2% Zinc + 0.9% Boron Liquid Fertilizer, it can be applied from leaves and soil. It is very important for root development. It directly contributes to fruit development and yield. It must be used in the first developmental stage of the plant. It can be applied foliar, with a drip irrigation system and root. Due to its special content, there is no need to use a spreading adhesive. One of our plant growth regulators, Megafill Tablet can be used in the early period-first growth period, and after the flower, it can be used by mixing with Super Plus.
HUMISUPER PLUS (Liquid form special soil conditioner)		15% Humic-Fulvic Acid + 7.5% Potassium + 15% Organic Matter <ul style="list-style-type: none"> HUMISUPER PLUS is a preparation containing humic and fulvic acids, together with phosphorus and organic matter, and is a specially synthesized natural soil conditioner produced from a Leonardite coal source. Increases plant development and yield. With its regular use, it dissolves the hardening in the soil and enables the plant to root more easily. It regulates the movement of water and air in the soil and makes it available to the plant. Increases tolerance against excessive sodium in the soil. It chelates the nutrients available in the soil and ensures that they are taken up by the plants. It releases iron ions and other nutrients. By increasing ion exchange in the soil, it liberates phosphorus, calcium and trace elements held by clay minerals and enables them to be used by plants. Increases the microorganism activities in the soil. It helps the seeds to germinate in a short time. It regulates the physical, chemical and biological properties of the soil and enables plants to develop healthier and stronger. Thus, it increases quality and efficiency. It also ensures longer storage after harvest

GEL FORM, NEW TECHNOLOGY, NPK BASED COMPLEX, SPECIAL DRIP IRRIGATION, SOIL & FOLIAR FERTILIZERS

MEGATRON NPK Series Class A Liquid-Gel Special Fertilizers		NPK 25-0-0	15 Kg
		NPK 17-5-5 + 2MgO + Trace Elements	15 Kg
		NPK 9-7-7 + 2MgO + Trace Elements	15 Kg
		NPK 7-17-5 + Trace Elements	15 Kg
		NPK 5-0-20 / Potassium Master + Trace Elements	15 Kg

Class A - Fertilizers in the form of a liquid gel, specially produced by DOĞAL AŞ, which contain nitrogen, phosphorus, potassium, valuable enzymes, amino acids and trace elements for plants by European standards. In this group, there are special mixtures to meet the needs for nitrogen - phosphorus - potassium, both separately and in a balanced way. It can be safely used for all plant groups in soil application, drip irrigation and foliar application. It has a direct impact on the yield, health and quality of plants.

DRAGON NPK Series Class B Liquid-Gel Special Fert.		Balanced 6-6-6+ 2MgO	15 Kg
		With Phosphorus 3-9-3	15 Kg
		With Potassium 3-0-13	15 Kg
		With Nitrogen 9-3-3+ 2MgO	15 Kg

Class B - Liquid gel fertilizers specially produced by DOĞAL AŞ, which contain valuable enzymes, amino acids and trace elements for plants, together with a high level of nitrogen phosphorus potassium. In this group, there are special mixtures to meet the needs for nitrogen - phosphorus - potassium, both separately and in a balanced way. It can be safely used for all plant groups in soil application, drip irrigation and foliar application. It has a direct impact on the yield, health and quality of plants.

Your '*Best Partner*' in Agriculture.

Quality assurance...

From seed to harvest.

DOĞAL PESTICIDES & AGROCHEMICALS TRADE INDUSTRY AS.

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