





**CARAN GROUP**



**CARAN**  
KİMYA



**CARAN**  
Water Treatment Technologies

anadoluçım

# FACILITIES



**3 Fabrics**

**\* Free Zone**

+

**1 Project** (on going)



**5 Laboratories**

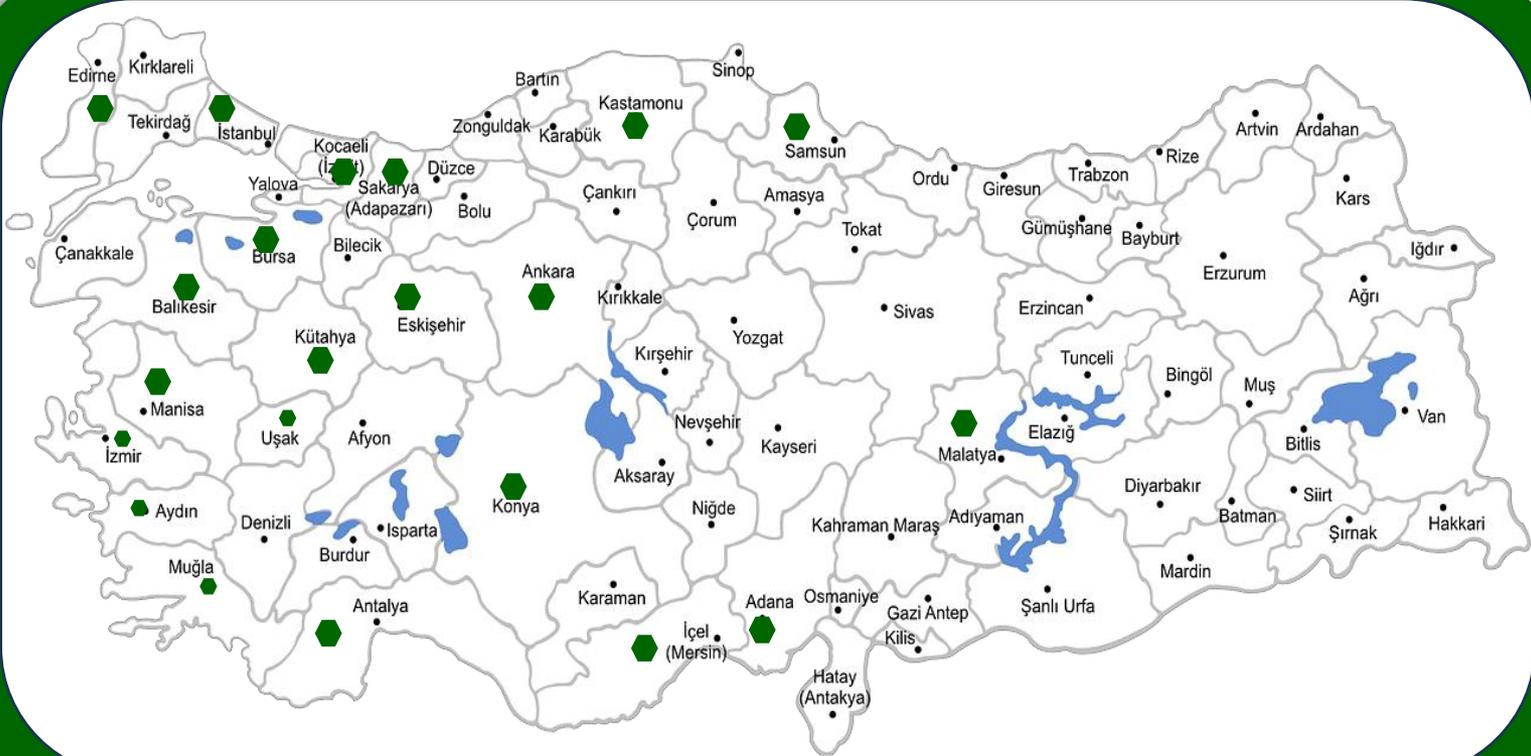
**R&D**



# Partners and costumers in 3 continents



# Local market



# Networking



# Networking





Fertilizers

R&D



Seeds



TURF GRASS



# Turf grass production in our farm



# Exclusive hybrids

-TAHOMA

-SURVIVOR

-Bermuda

-Cool season grass





# Turfgrass seeds distributors

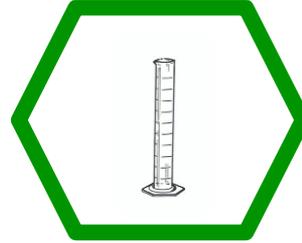


# FERTILIZER 2018

R&D



Research



Development



Manufacture



Marketing

## Liquid



## Powder



## Granular



# Liquid Fertilizer

## Fertiline™ Peers



EC FERTILIZER  
NPK FERTILIZER SOLUTION  
10-5-5+TE

## Fertiline™ Migg



EC FERTILIZER  
CALCIUM NITRATE SOLUTION  
(To Prepare BBM Solution)

## Fertiline™ Bella



ORGANIC SOURCED  
PRODUCTS  
Liquid Seaweed

## Fertiline™ Forvett



ORGANIC SOURCED  
PRODUCTS  
LIQUID HUMIC ACID

## Fertiline™ Excell



ORGANIC PRODUCTS  
Plant Origin Amino Acid  
Containing Liquid Organic  
Fertilizer

## Fertiline™ Boron



EC FERTILIZER  
BORON ETHANOL AMIN  
Water Soluble Boron (B)

## Fertiline™ Aid



EC FERTILIZER  
NP Fertilizer Solution  
12-8-0+TE

## Fertiline™ Budd



EC FERTILIZER  
NP Fertilizer Solution  
5-30-0+TE

## Fertiline™ Pivott-K



Potassium Solution

## Fertiline™ Cu



EC FERTILIZER  
COPPER FERTILIZER  
SOLUTION  
(To Prepare BBM Solution)

## Fertiline™ Ca



EC FERTILIZER  
CALCIUM NITRATE SOLUTION  
(To Prepare BBM Solution)

## Fertiline™ Silikon



Spread Adhesive  
Organic Silicon

# Powder Fertilizer

Fertiline™ Foliar 20-20-20+TE



Fertiline  
Foliar Fertilizer Formulation  
**20-20-20+TE**

Fertiline™ Foliar Mix 6



Fertiline  
Foliar Fertilizer Formulation  
**Mix6**

Fertiline™ Foliar 5-5-40+TE



Fertiline  
Foliar Fertilizer Formulation  
**5-5-40+TE**

Fertiline™ Foliar 12-40-5+TE



Fertiline  
Foliar Fertilizer Formulation  
**12-40-5+TE**

Fertiline™ Drip 20-20-20+TE



Fertiline  
NPK Fertilizer Solution  
**20-20-20+TE**

Fertiline™ Drip 18-18-18+TE



Fertiline  
NPK Fertilizer Solution  
**18-18-18+TE**

Fertiline™ Drip 12-32-6+TE



Fertiline  
NPK Fertilizer Solution  
**12-32-6+TE**

Fertiline™ Drip 12-6-32+TE



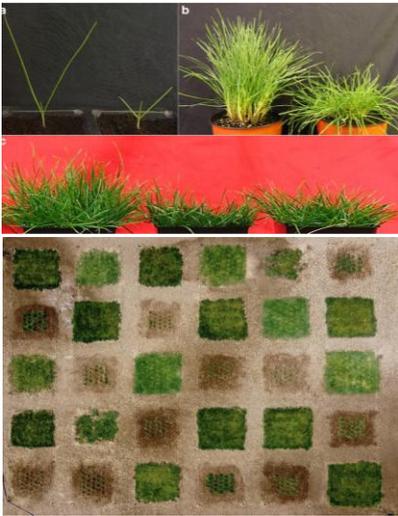
Fertiline  
NPK Fertilizer Solution  
**12-6-32+TE**

## Granular Fertilizer



## Other products





## Turf Breeding



## Breeding lines

- Cotton
- Wheat



## -Crop Protection

- Bioproducts

# Crop Protection (CP)



# Submitted Products

## Herbicides



Product	Active Ingredient	Formulation Type
Cantona	452,42 g/L 2,4-D Ethylhexylester + Florasulam 6,25 g/L	SE
Starella	116,2 g/L Clethodim	EC
Opicon 25	25 g/L Imazamox	SL
Patronogen	480 g/L Mesotrione	SC
Territon	37,5 g/L Mesotrione + 15 g/L Nicosulfuron	OD
Cabiris	75 g/L Mesotrione +30 g/L Nicosulfuron	SC
Kuntenex 600	600 g/L Aclonifen	SC
WeedAway 100	100 g/L Clopyralid	SL
WeedTerminator	441 g/L Glyphosate Potasyum Tuzu	SL
CropGuard 480	240 g/L Isoxaflutole + 240 g/L Cyprosulfamide (safener)	SC
Lafontence	30 gr/L Mesosulfuron-methyl + 90 g/L Mefenpyr-diethyl (safener)	OD
Planetica	%3.0 Mesosulfuron methyl + % 0.6 Iodosulfuron-methyl-sodium + % 9.0 Mefenpyr-diethyl (safener)	WG

# Fungicides



Product	Active Ingredient	Formulation Type
Tieron	500 g/L Fenhexamid	SC
Attormy 350	350 g/L Metalaxyl-M	ES
Orientalia %5	51.3 g/L Cyflufenamid	EW
Sanzelia 50	% 50 Trifloxystrobin	WG
Jacaran	250 g/L Mandipropamid	SC
Pantenex 35	25 g/L Fludioxonil + 10 g/L Metalaxyl-M	FS
CropMaster	200 g/L Proquinazid	EC
Harzemia 50	% 50 Cymoxanil	WP

# Insecticides



Product	Active Ingredient	Formulation Type
Ipoman 20	200 g/L Chlorantraniliprole	SC
Dacostan 20	% 20 Acetamiprid	SP
BugMaster 25	250 g/L Cypermethrin	EC
Cocinel 10	100 g/ L Pyrifroxyfen	EC
PestSentry	18 gr/L Abamectin	EC
Garbinica 110	110gr/L Etoxazole	SC
PowerNature 20	20 gr/L Gibberelic acid	SL



**Manage pest pressure**

**Minimize environmental  
and health pressure**

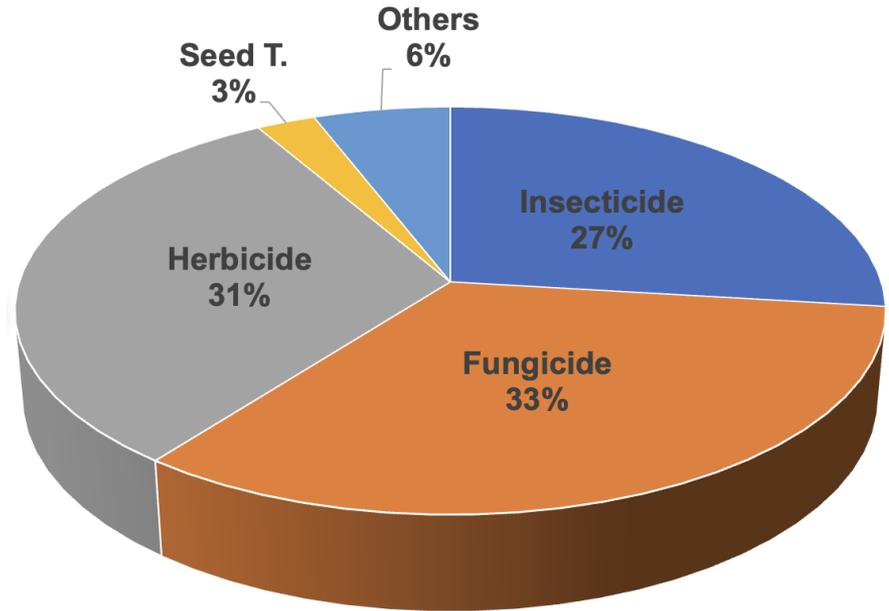


**BIO  
PRODUCT**  
anadoluçım



# CP Market in Turkey

900 Millon USD



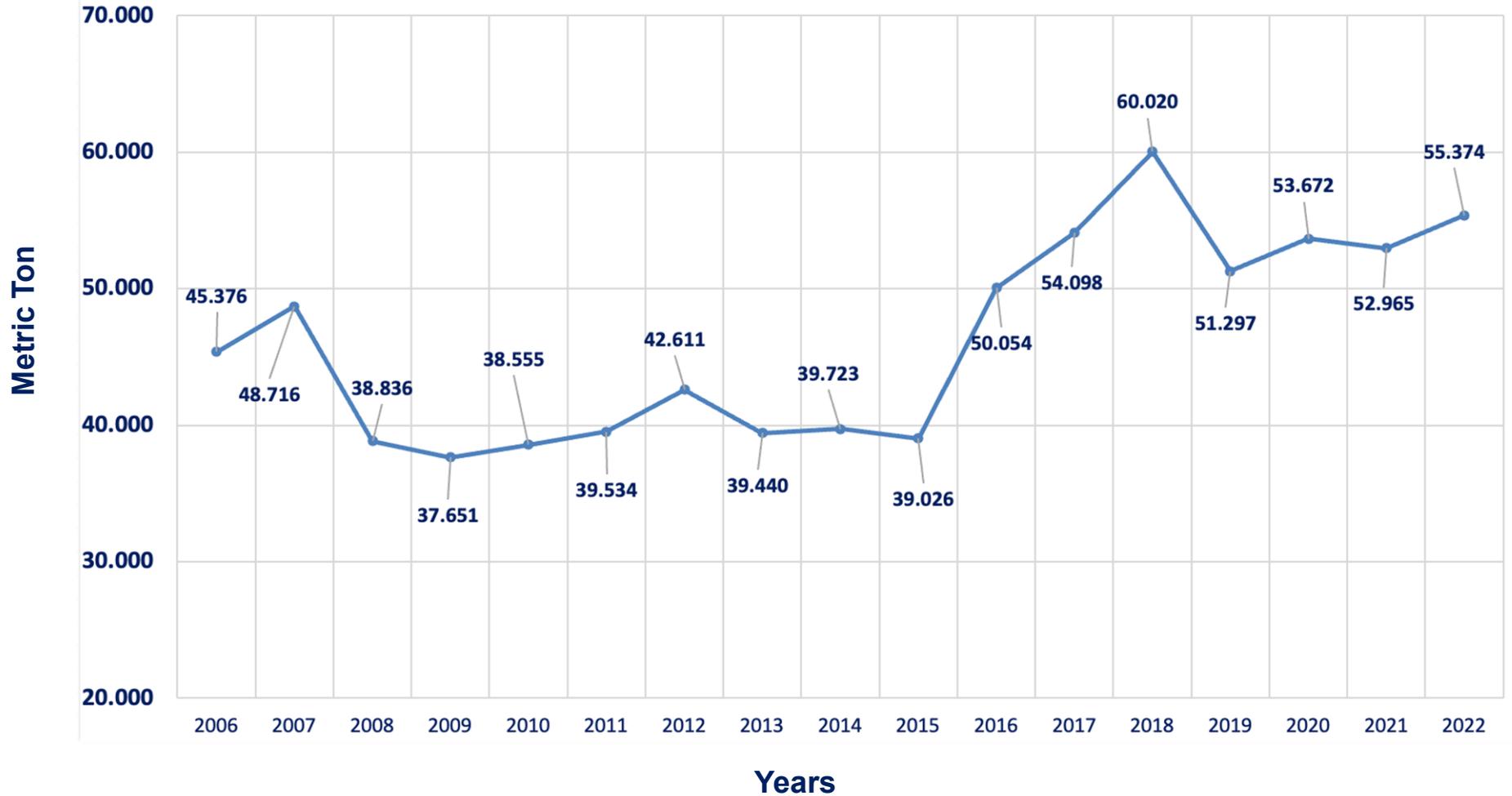
7.000 Dealers

5.000 Registered  
Products

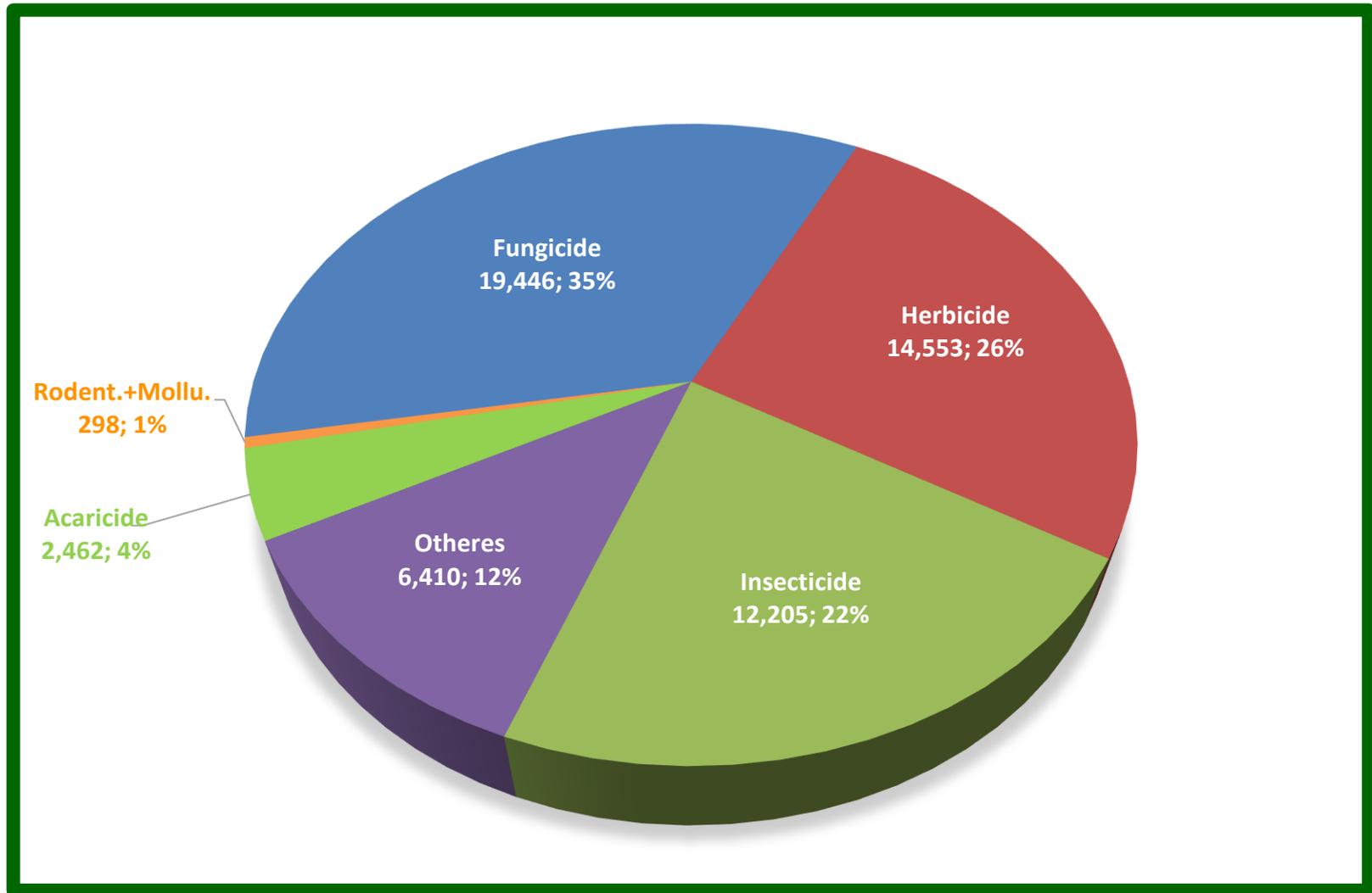
294 CP Companies



# Pesticide Production Over 16 Years (mTON)



# Pesticide Production (m TON) per group



# In Summary

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Ready for  
New  
Challenges

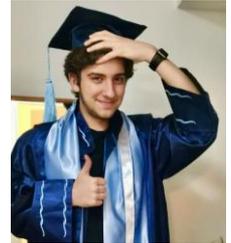
2010



2019



2024



2007

2018

2023

17 Years

# For the future

