

E R G O F I T O I N A C T I O N

GIVE NATURE WHAT NATURE WANTS

Ergofito Residual for Chemical Elimination



ERGOFITO

www.ergofito.co.za

Tel: + 27 21 447 7114 / Email: ergofito@telkomsa.net

ERGOFITO RESIDUAL:

PREAMBLE:

Pesticides, herbicides, fungicides and the likes, once applied on plants and soil, it leaves chemical residues with a variable but generally long lifespan. In the ground, pesticides residues are often cumulative, therefore increasing with time, soon exceeding the acceptable and safe limit.

If the said Maximum Residual Limit (MRL) is exceeded, traces of the said pesticides residues will eventually appear in the produce. As all is measured in ppm (parts per million) it is relatively easy for today's laboratories, which can measure in ppb to condemn the produce. The natural degradation of the pesticides residues is dependent on light, temperature, plant's metabolism and the quantity of enzymes found in the sap. Even when respecting maximum applied pesticides limits, the degradation of the pesticides residues is long and slow.

CONSEQUENCES:

Today's consumers are very susceptible to pesticides presence in food. The only hypothesis made when traces of pesticides residues are detected is distrust towards the farmer using the said chemical pesticides. Thus the ever increase in demand for produce from biological or organic suppliers.

REMEDY:

By using **Ergofito Residual** with its particular formulation and thanks to its mineral catalyzers, the following occurs:

- Reduces the plant's stress due to temperature.
- Improves the plant's metabolism.
- Multiplies the enzymes and micro-organisms.
- Totally eliminates pesticides and the residuals via biodegradation in the given time frame.
- Nourishes the plant.
- Increases the efficacy of the pesticides.

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INSTRUCTIONS AND DOSAGE:

FIRST TREATMENT:

Bio Agent	Quantity	When
Ergostart Bio	125 Kg Per Hectare	Once per Year

The above treatment is required to reset the soil and the rhizosphere to its natural status. It is recommended to apply at the beginning of the season once a year.

SECOND TREATMENT:

Bio Agent	Quantity	When
Ergofito Residual	6 Kg Per Hectare	When Pesticides are Applied

The above must be applied at 3 Kg radical and 3 Kg foliar. If the soil is in a poor state, repeat the above 4 weeks after the first application.



LIST OF PRODUCTS TESTED BY ALMOLAB AND CEFIT (Two European certified labs for agriculture in Siracuse, Italy):

Ergofito Residual was applied and tested for the elimination of all residues of the following tabled products. All elimination of the below mentioned pesticides were taken from lemon trees. Leaf analysis showed that chemical elimination was 100% and acceptable for organic farming.

Original documents may be made available on request for advanced or academic enquiries. Names of the microbiologists and PhD's that carried out the testing, as well as addresses of the labs and official test numbers are also available.

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ACARICIDES (UNI EN 15662:2009)
AMITRAZ
BENZOXIMATE
BROMOPROPYLATE
BUPROFEZIN
CLOFENTEZINE
DICOFOL
DINOCAP
HEXYTIAZOX
FENAZAQUIN
FENPYROXIMATE
FENSON
PYRIDABEN
TEBUFENPYRAD
TETRADIFON
DINOCAP METHYL
ABAMECTIN

CARBAMATES (UNI EN 1293-1:2009 + UNI EN 12393-2:2009 + UNI EN 12393-3:2009) METHOD M
BENFURACARB

HERBICIDES (UNI EN 15662:2009)
AMIDOSULFURON
ATRAZINE
BENFLURALIN
CYCLOXYDIM
CISTODIM
CHLORPROPHAM
CHLORTHAL DIMETHYL

HERBICIDES (UNI EN 15662:2009)
DIPHENAMINE
DIURON
FLUFENACET
LINURON
METOBROMURON
METOXURON
MONOLINURON
OXADIAZON
OXYFLUORFEN
PENDIMETHALIN
PROFAM
PROMETHRIN
PROPYZAMIDE
QUIZALOFOP ETHYL
SETHOXYDIM
TERBUTHYLAZINE
TRIASULFURON
TRIBENURON METHYL
TRICLOPYR
TRIFLURALIN
ACLONIFEN
METRIBUZIN
PROCHLORAZ

DITHIOCARBAMATES (UNICHIM MAN 118/1988 VOL III PAGE 64)
CS2
ZIRAM
TIRAM
MANEB

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DITHIOCARBAMATES (UNICHIM MAN 118/1988 VOL III PAGE 64)

MANCOZEB

ZINEB

PROPINEB

NABAM

FERBAM

PHOSPHORUS (UNIE EN 12393-1:2009 + UNI EN 12393-2:2009 + UNI EN 12393-3:2009) METHOD M

MALATHION

FUNGICIDES ACYLANILIDE UNI EN 12393-2:2009

BENALAXYL

FURALAXYL

METALAXYL (isomer's sum included METALAXYL-M)

OXADIXIL

FUNGICIDES BENZIMIDAZOLE (UNI EN 15662:2009)

CARBENDAZIM

ALBENDAZOLE

THIABENDAZOLE

BENOMYL

THIOPHANATE METHYL

DICARBOXIMIDE - TIOFTALMIDIC FUNGICIDES (UNI EN 15662:2009)

CAPTAN

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DICARBOXIMIDE - TIOFTALMIDIC FUNGICIDES (UNI EN 15662:2009)

CHLORTHALONIL

CLOZOLINATE

DICLOFLUANIDE

DICTORAN

FOLPET

IPRODIONE

IMAZALIL

PROCYMIDONE

VINCLOZOLIN

FUNGICIDES STROBILURENS (UNI EN 15662:2009)

AZOXYSTROBIN

PYRACLOSTROBIN

TRIFLOXYSTROBIN

KRESOXIM METHYL

FUNGICIDES TRIAZOLES - PYRIMIDINE AND OTHER (UNI EN 15662:2009)

ANLAZINE

CYMOXANIL

BENTHIAVALICARB

BILERTANOL

BOSCALID

BROMUCONAZOLE

BUPIRIMATE

CYPROCONOZOLE

CYPRODINIL

DICLOBUTRAZOL

DIFENOCONAZOLE

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FUNGICIDES TRIAZOLES - PYRIMIDINE AND OTHER (UNI EN 15662:2009)

DIMETOMORPH

ISACONANZOL

FAMOXADONE

FENARIMOL

FENBUCOAZOLE

FENPROPIMORPH

FLUAZINAM

FLUDIOXONIL

FLUSILAZOLE

IPROVALICARB

MEPANIPYRIM

MYCLOBUTANIL

NUARIMOL

PACLOBUTRAZOL

PENYCURON

PYRINEX

PIRIMETANIL

PROPICONAZOL

QUINOXYFEN

QUINTOZENE

SPIROXAMINE

TEBUCONAZOLE

TETRACONAZOLE

TOLYFLUANID

TRIADIMEFON

TRIADIMENOL

ZOXAMIDE

PENCONAZOLE

FENHEXAMID

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FUNGICIDES TRIAZOLES - PYRIMIDINE AND OTHER (UNI EN 15662:2009)

ORTHOFENYLPHENOL

DODINE

METRAFENONE

CYAZOFAMID

INSECTICIDES (UNI EN 15662:2009)

FIPRONIL

ROTENONE

CYROMAZINE

ETOFENPROX

FLONICAMID

PYMETROZINE

PYRPROXYFEN

TEBUFENOZIDE

PIPERONYL BUTOXIDE

DAMOZET

CHLORFENAPYR

PHOXIM

CARBAMATE INSECTICIDES (UNI EN 15662:2009)

ALDICARB

BENFURACARB

CARBARYL

INDOXACARB

CARBOFURAN

CARBOFURAN-3-HYDROXY

CARBOSULFAN

ETHIOFENCARB

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CARBAMATE INSECTICIDES (UNI EN 15662:2009)
FENOTIOCARB
FENOXYCARB
FURATHIOCARB
PIRIMICARB
PROPAMOCARB
PROPUXUR
THIODICARB
OXAMYL
METHOMYL

CHLORONICOTINYL INSECTICIDES (UNI EN 15662:2009)
SPINOSAD
ACETAMIPRID
TIACLOPRID
TIAMETOXAM
IMIDACIOPRID

ORGANOCHLORINE INSECTICIDES (UNI EN 15662:2009)
p,p-DDD
o,p-DDD
p,p-DDE
o,p-DDE
o,p-DDT
p,p-DDT
ALDRIN
CHLORDANE
DIELDRIN
ENDRIN

ORGANOCHLORINE INSECTICIDES (UNI EN 15662:2009)

ENDRIN ALDEIDE

EPN

EPTACHLORE

ALFA HCH

BETA HCH

ESACHLOROBENZINE

GAMMA HCH (LINDANE)

DELTA HCH

ENDOSULFAN SULPHATE

ENDOSULFAN (ALFA+BETA)

ORGANOPHOSPHATE INSECTICIDES (UNI EN 15662:2009)

CHLORFENVINPHOS

ACEPHATE

AZINPHOS

CADUSAFOS

CHLORPYRIFOS

CHLORPYRIFOS-METHYL

DIAZINON

DICHLORVOS

DIMETHOATE

EDIFENPHOS

HEPTENOPHOS

ETHION

ETHOPROPHOS

FENAMIPHOS

FENITROTHION

FENTHION

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ORGANOPHOSPHATE INSECTICIDES (UNI EN 15662:2009)

FONOFOS

PHORATE

FORMOTHION

PHOSALONE

PHOSPHAMIDON

PHOSMET

FOSTHIAZATE

ISOFENPHOS

MALATHION

METHAMIDOPHOS

METHIDATHION

MONOCROTOPHOS

OMETHOATE

PARATHION

PARATHION METHYL

PHENTHOATE

PYRIDAFENTHION

PYRIMIPHOS

PYRIMIPHOS METHYL

PYRAZOPHOS

QUINALPHOS

TOLCLOFOS METHYL

VAMIDOTION

AZINPHOS METHYL

CHLORMEPHOS

DICROTOPHOS

TRIAZOPHOS

TETRACHLORVINPHOS

PARAOXON

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ORGANOPHOSPHATE INSECTICIDES (UNI EN 15662:2009)

PARAOXON METHYL

DEMETON-S METHYL

DEMETON-S-METHYL SULFONE

DEMETON-S-METHYL SULFOXIDE

BROMOPHOS

BROMOPHOS METHYL

DEMETON

PYRETHROID INSECTICIDES (UNI EN 15662:2009)

ACRINATHRIN

ALFAMETRIN

BIFENTHRIN

CYFLUTHRIN

CIPERMETRINA

DELTAMETRINA

ESFENVALERATE

FENPROPATHRIN

FENVALERATE

FLUCYTHRINATE

FLUVALINATE

LAMBDA- CYHALOTHRIN

PERMETHRIN

TEFLUTHRIN



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