



GREENER
GREEN ENVIRONMENTAL RESEARCH

MAKING FOOD
PESTICIDE
FREE





>10 mil.
each year

Cancer, Alzheimer, Parkinson,
hormone disruption, birth
defects, sterility, and
neurological effects.



PROBLEM

No available solutions for crop protection results in

70%
of food loss

GREEN DEAL STRATEGY 2030

Farm to Fork and Biodiversity
Strategies

↓
50%
pesticide and CO2

↑
25%
organic
production





TEAM



Assist. prof. Darija Lemić, PhD

CSO and Co-founder

Entomology, genetics,
phytopharmacy,
geometric morphometrics

Helena Virić Gašparić, PhD (c)

CEO and Founder

Pesticide residues, beneficials,
ecotoxicology, IPM

Pave Ninčević, B. Sc.

Team member

Phytomedicine



>10

YEARS OF
EXPIRIENCE

>10

EU & NATIONAL
PROJECTS

>70

SCIENTIFIC
PUBLICATIONS

>\$44k

WORTH OF
AWARDS

Awards



Silver medal



Incubator & accelerator programs



SPOCK

WOMEN
mech



GBC HUB



SMART SOLUTION

Crop protection technology
based on the application of ozone
at the right time and in the right
concentration.

+7

CONDUCTED
STUDIES

>90%

EFFICIENCY





86%

50%

93%

76%

30 x 2

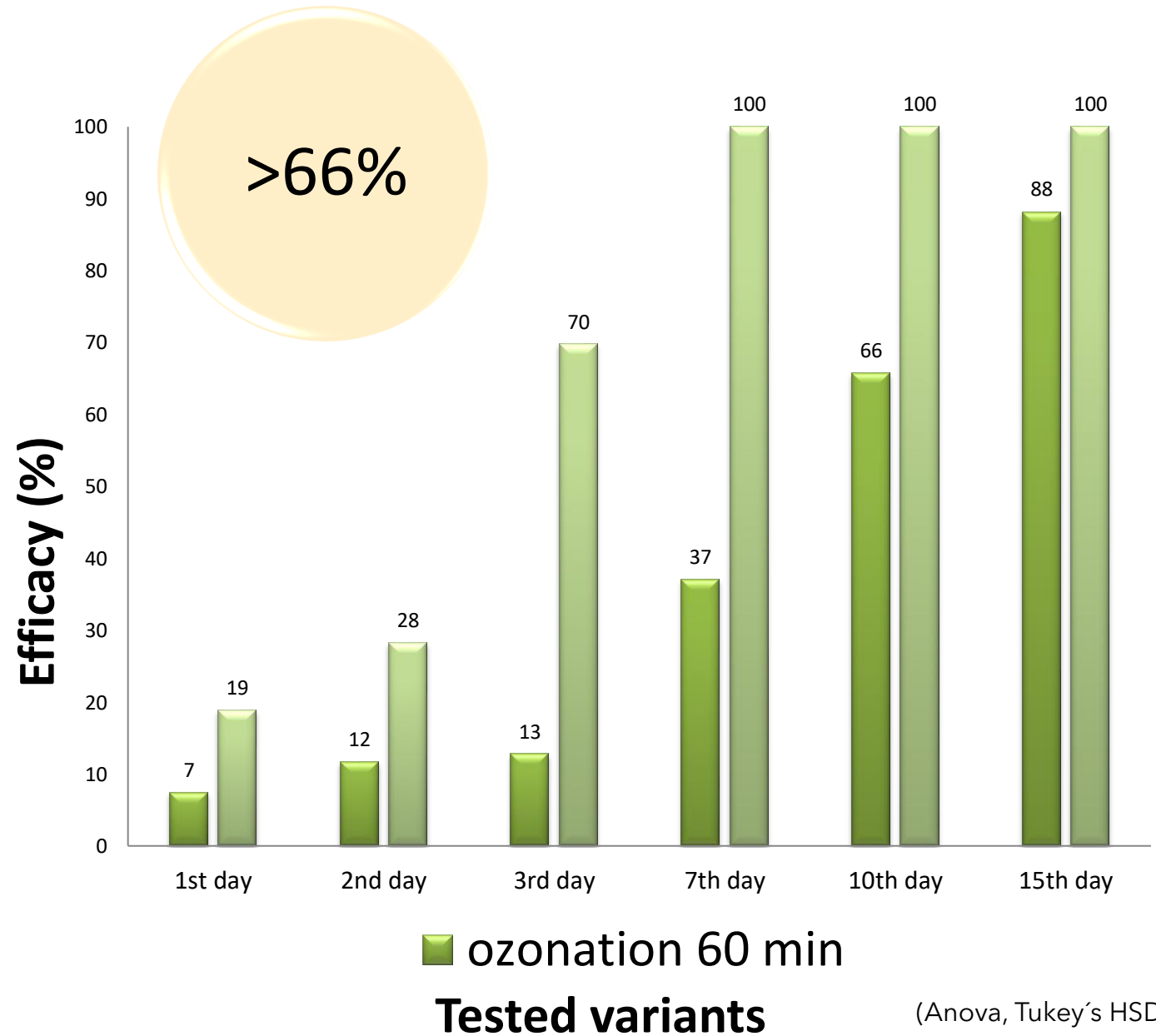
30 x 3

30 x 3

30 x 3



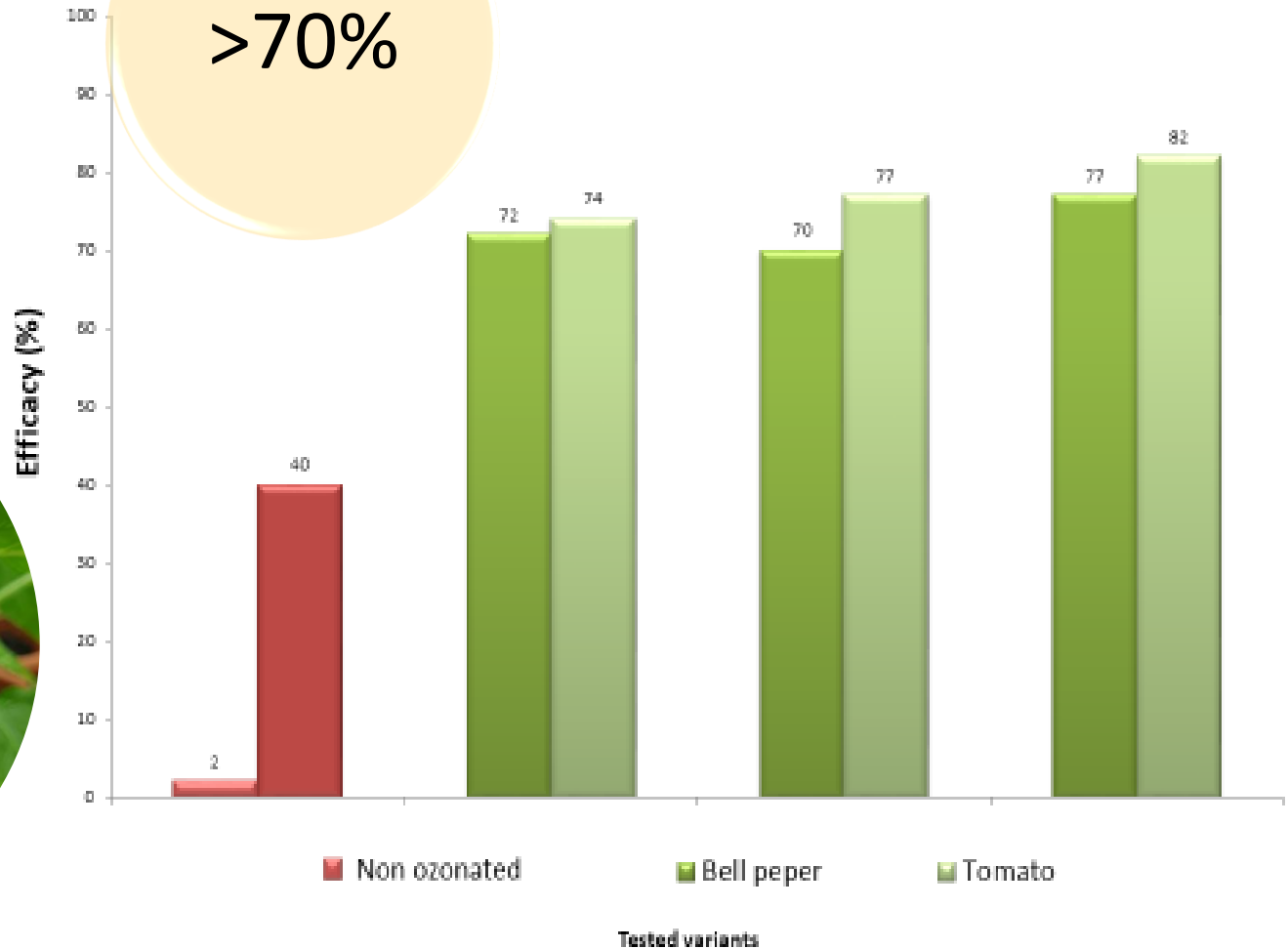
Biofumigation of storage pests





Ozone dissolved in water in aphid management on pepper

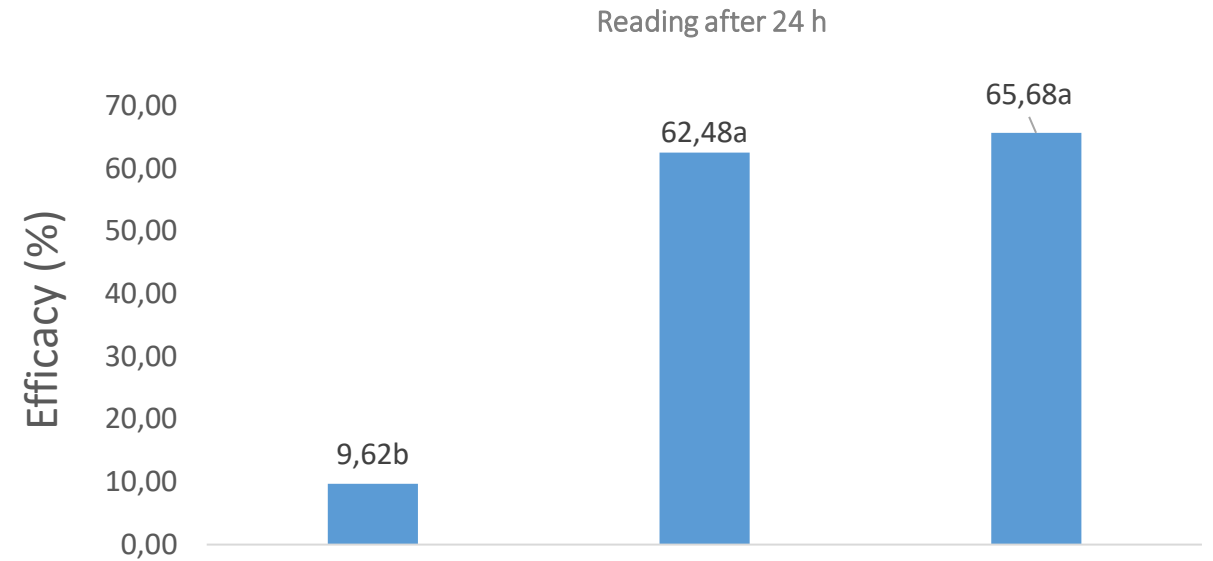
>70%



(Anova, Tukey's HSD)



Ozone dissolved in water in aphid management on ornamentals



Concentration of ozone dissolved in water

■ Oleander

>62%



Biofumigation of strawberries

In progress...



HEAD TO HEAD

PESTICIDES



ENVIRONMENTAL
IMPACT



PRODUCT
VALUE



ADDED
VALUE





Producers



Packaging & processing systems

TARGET GROUPS



Warehouses & cold storages



Transport



MARKET POTENTIAL

TOTAL EXPENDITURE
ON PESTICIDES





COOPERATION

16

COMPANIES



AUSTRALIA



GERMANY



AUSTRIA



CROATIA



BOSNA AND HERZEGOVINA

5

STATES



4 MAIN REVENUE SOURCES

Unit price

30 000 € /one time

Subscription

2 000 € /annually

R & D / Advisory service

Supported by clients

Carbon credits

Value of business





WE DO IT BETTER

	AGRICULTURAL SECTOR	WIDE RANGE OF PESTS	PREVENTIVE ACTION	SIMPLE TO USE
	✓	✓	✓	✓
MOZON	✗	✗	✓	✓
KOPPERT BIOLOGICAL SYSTEMS	✓	✗	✗	✗
	✓	✗	✗	✗
biobeT SUSTAINABLE CROP MANAGEMENT	✓	✗	✗	✗

Wrap-up

- Ozone application technology has been proven to effectively suppress harmful insects and pathogenic fungi in agricultural production.
- It can be used as a safe and effective method of crop protection.
- Beta prototype development underway
- Research to continue in 2023 on strawberries and open field (vineyard)
- EU and national project submitted for 2023, establishment of new collaborations



GREENER

Green Environmental Research Ltd.

info@greener.hr | www.greener.hr

M: +385 99 21 36 512





JOIN US IN SUSTAINABLE FUTURE.

GREENER

Green Environmental Research Ltd.

info@greener.hr | www.greener.hr

M: +385 99 21 36 512

