

WHY BIOFERTILIZERS?

Contents

INTRODUCTION	1
WHAT ARE BIOFERTILIZERS?	2
WHAT ARE BIOPESTICIDES?	4
WHY ARE BIOFERTILIZERS USED?.....	5
HOW DO BIOFERTILIZERS WORK?	6
WHAT ARE THE BENEFITS OF USING BIOFERTILIZERS?	7
WHAT ARE THE ADVANTAGES AND DISADVANTAGES?	8
TYPES OF BIOFERTILIZERS	9
MAIN ROLES OF BIOFERTILIZERS	14
CHARACTERISTICS OF DIFFERENT LIQUID BIOFERTILIZERS	15
ADVANTAGES OF THE PRODUCTION TECHNOLOGY OF BIOFERTILIZERS.....	16
CONSTRAINS OF BIOFERTILIZERS.....	17
APPLICATION OF BIOFERTILIZERS	17
CONSTRAINTS IN BIOFERTILIZER TECHNOLOGY.....	17
WHAT PRECAUTIONS SHOULD ONE TAKE BEFORE USING BIOFERTILIZERS?	19
SPECIAL LEGISLATIVE ACTS ARRANGING FERTILIZERS ACTIVITIES IN BULGARIA AND EC	19
CONCLUSION	21
REFERENCES.....	22

INTRODUCTION

“Despite the many accomplishments of mankind, we owe our existence to six-inch of top soil and fact that it rains.” – Confucius

Sustainable agriculture is the efficient production of safe, high quality agricultural products, in a way that protects and improves the natural **environment**, the **social and economic conditions** of farmers, their employees and local communities, and safeguards the **health and welfare** of all farmed species.

For a sustainable agriculture system, it is essential to use renewable inputs (fertilizer, pesticides, water etc.) which benefit the plant and cause no or minimal damage to the environment. One possible way is to reduce the use of chemical fertilizers and pesticides. Chemical fertilizers