scam
NUTRIZIONE • PROTEZIONE • BIOSYSTEM

SUSTAINABLE FERTILIZATION

NUTRIZIONE

THE FIRST ORGANO-MINERAL FERTILIZER

NATURAL FERTILIZER WITH GRADUAL RELEASE NITROGEN

SCAM ORGANO MINERAL FERTILIZER

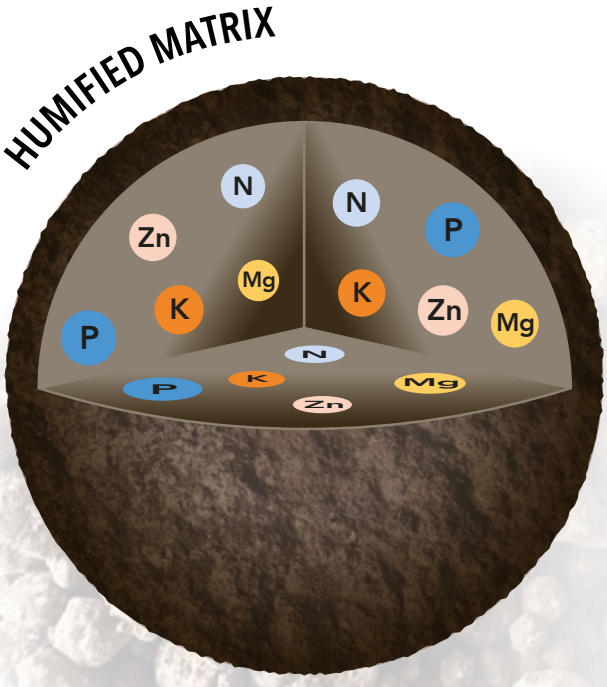
PIONEERS IN THE FIELD OF ORGANO-MINERAL FERTILIZER

WHAT IS SCAM ORGANO-MINERAL FERTILIZER?

It's the way of administering nutrients to plants and maintaining high soil fertility that's most similar to nature: each single granule is obtained from the **CO-FORMULATION of highly humified organic matrices and high quality mineral components.**
Their production began in 1951, as a result of the studies conducted by Prof. Draghetti, Director of the Modena Agricultural Station.

MORE EFFICIENT NUTRITIONAL ELEMENTS WITH LOWER USAGE COSTS

- They're more efficient thanks to their **3% humic acid content**, which helps boost the nutritional properties of the minerals themselves.
- They reduce nitrogen loss into the soil due to leaching.
- They're greater efficiency **reduces dosages by 20-30%**, and provides for a more balanced crop over the long term.
- They improve both the **quality** and **quantity** of the crops.
- They're the only fertilizers to have been awarded **EPD certification** for their limited environmental impact.
- Their use increases the soil's bacterial community while maintaining its fertilizer.



STRUCTURE OF A GRANULE OF SCAM ORGANO-MINERAL FERTILIZER

NUTRIZIONE

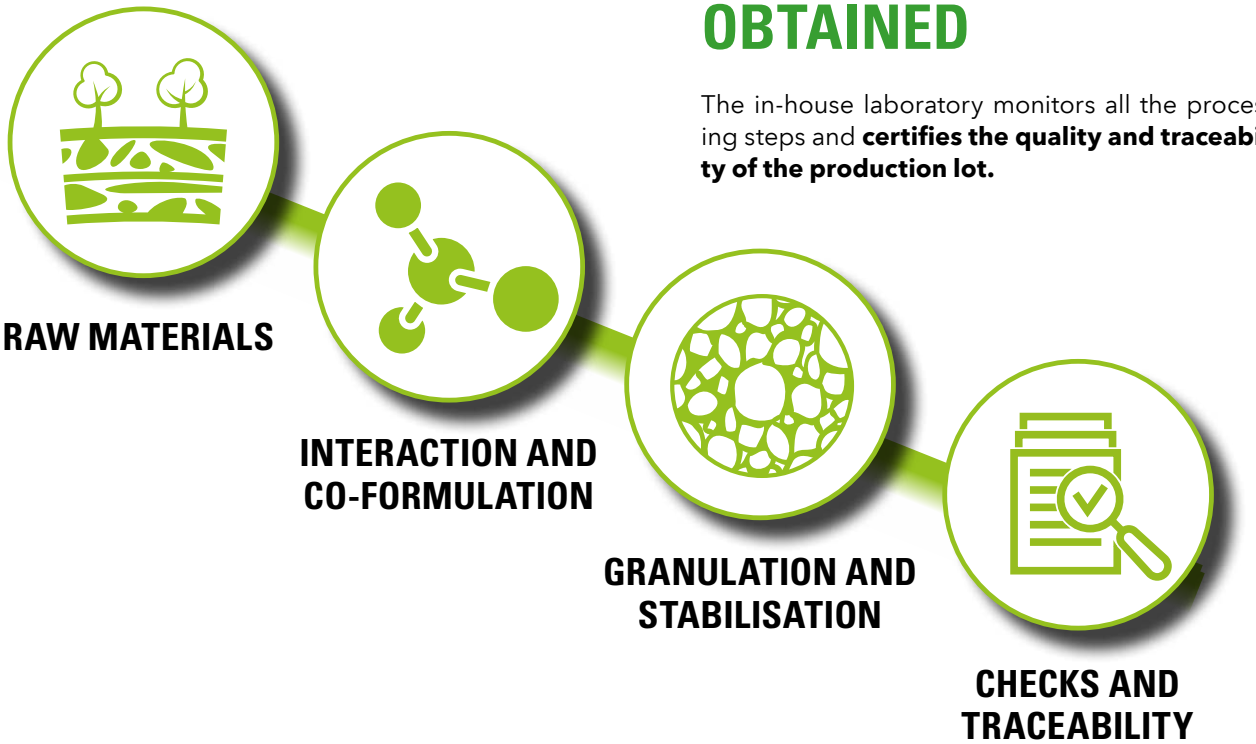
THE MARKET LEADER, WITH 30% OF DOMESTIC PRODUCTION

SCAM TECHNOLOGY AND QUALITY

SCAM is Italy's leading organo-mineral fertilizer company. Thanks to studies and research projects carried out with major experimental institutes, regional bodies and universities, over the years the company has developed innovative, humified peat-based, organo-mineral granular formulations that offer high environmental and agronomic performance.

HOW SCAM OMFS ARE OBTAINED

The in-house laboratory monitors all the processing steps and **certifies the quality and traceability of the production lot.**



SUSTAINABILITY from the

SCAM ORGANO-MINERAL FERTILIZERS

ARE THE ONLY ONES TO HAVE BEEN AWARDED AN ENVIRONMENTAL PRODUCT DECLARATION (EPD) FOR THEIR COMPLIANCE WITH CONCEPTS OF SUSTAINABLE AGRICULTURE AND SOIL BIODIVERSITY.

- *Studied and tested by Universities and the SCAM Research Centre.*

- *Acclaimed by Opinion Leaders in the Agricultural and Agribusiness sectors.*

SCAM ORGA
SUSTAINABILITY AR

FIELD to the TABLE

NUTRIZIONE

BASIL, PASTA AND TOMATO SAUCE OBTAINED WITH SCAM OMFS.

A CONCRETE COMMITMENT TO THE AGRI-FOOD SECTOR

SCAM Organo-Mineral Fertilizers respect the environment and the fertility of the soil, and improve the organoleptic properties of the crop, while at the same time ensuring the **healthiness** and **safety** of the foods destined for final consumption.
Food quality begins with proper soil fertilization.

EPD®
PER FERTILIZZANTI ORGANO-MINERALI GRANULI E LIQUIDI
DICHIARAZIONE AMBIENTALE DI PRODOTTO CERTIFICATA SP-00120
www.environdec.com

THE **EPD MARKING** IS BECOMING MORE WIDESPREAD THANKS TO FAST MOVING CONSUMER FOOD PRODUCTS.

LIFE CYCLE OF THE ORGANO-MINERAL PRODUCT

NO-MINERAL FERTILIZERS
ND IMPROVED FERTILIZATION

FERTILIZER TECHNICAL-
ECONOMIC EVALUATION SHEET

FERTILIZER TYPES	NITROGEN (N)	PHOSPHORUS P_2O_5	POTASSIUM K_2O
MINERAL FERTILIZER	50%	15%	45%
SCAM HUMIFIED MATRIX-BASED O-M	70%	35%	70%
O-M based on non humified Chicken manure, Cowhide, Vinasse, etc.	50% (70% for Organic Nitrogen and 50% for the mineral part)	15%	45%

Average data obtained from a SCAM elaboration of ISNP Roma studies.

NUTRITIONAL EFFICIENCY		N	P_2O_5	K_2O	MgO	SO3	C HAFA	Total
MINERAL	**MINERAL FERTILIZER**	12	12	17	2	20	0	**63**
	MIN K use	50%	15%	45%	45%	15%	0%	**-**
	Usable Fertilizing Units	6	1,8	7,7	0,9	3	0	**19,4**
SCAM	**SCAM Fertilizer**	10	5	15	3	14	3	**50**
	OMF K use	70%	35%	70%	70%	35%	100%	**-**
	Usable Fertilizing Units	7	1,8	10,5	2,1	4,9	3	**29,3**
SCAM VS MIN		1	0,0	2,8	1,2	1,9	3	**9,9**

SCAM OMFs further increase the nutritional effect, and the cost per unit administered to the plant is decreased.

PRODUCTS	N tot.	N org.	N adm.	N ur.	N urf.	P_2O_5	K_2O	CaO	MgO	SO_3	B	Fe	Zn	C Org.	C Org. C(HA+FA)	HR	DA g/l	pH
AZOTOP 30	30	1	6	23	-	-	-	-	-	7,5	-	-	0,01	7,5	2,7	36	770	6,5 7,5
BELFRUTTO MB	5	1	4	-	-	10	15	-	5	5	0,1	0,7	0,01	7,5	3,0	40	980	6,0 7,0
FOSFOKAL HP	3	1	2	-	-	9	18	8	4	5	0,1	-	0,01	7,5	3,0	40	970	4,0 5,5
NUTRIGRAN TOP S	10	1	7	2	-	20	-	8	-	5	-	-	0,01	7,5	3,2	40	990	6,5 7,5
OLIVETO	15	1	11,5	2,5	-	5	6	-	-	26	0,05	0,5	0,01	7,5	3,0	40	890	6,5 7,5
SUPER AZOFOS	20	1	12	7	-	10	-	-	-	20	-	-	0,01	7,5	3,0	40	890	6,5 7,5
SUPER ROBUR	15	1	11,5	2,5	-	5	5	-	-	26	-	0,5	0,01	7,5	3,0	40	890	6,5 7,5
UNIFERT	7	1	6	-	-	7	7	-	5	10	0,2	0,5	-	7,5	3,0	40	1030	6,0 7,0

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