Arald Cream

MICROORGANISMS
LINE

1. Provides an optimal concentration of beneficial microorganisms
2. Increases the productivity of the crops also in stress conditions
3. Improves wellbeing and biostimulates plant growth

IMPROVE WELLBEING AND PRODUCTIVITY OF THE CROPS

agriges

special fertilizers
for modern
agriculture

www.agriges.com
info.contact@agriges.com

Certified company
ISO 9001
ISO 14001
OHSAS 18001

Arald Cream

PRODUCT

Arald Cream, thanks to its exclusive technology *Pro-Act*, combines the synergistic effects of the plant-growth promoting beneficial microorganisms (PGPR and PGPF), some of which are isolated and registered by Agriges, and of the bioactive plant molecules, to improve wellbeing and productivity of the crops. These microorganisms are able to combine the potential of the mycorrhizae, of the rhizosphere bacteria and of the saprophytic fungi to stimulate plant growth. This is possible due to the increased availability of Nitrogen (fixation of atmospheric nitrogen) and of Phosphorus (after solubilization). The land-based microflora greatly affects the biological properties of the soil, regulating the biochemical processes that determine the greater bioavailability of the nutrients, and plant growth, releasing biostimulating molecules.

COMPOSITION

	w/w	w/v
Mycorrhizae *(Glomus spp.)*	5,0 %	4,8 %
Rhizosphere bacteria (selected bacterial isolates), including:		
Azotobacter chrococcum LS132 *	5,0 x10^7 UFC/g	4,8 x10^7 UFC/ml
Azospirillum brasilense AGS608 *	5,0 x10^7 UFC/g	4,8 x10^7 UFC/ml
Bacillus subtilis S3b1 *	7,0 x10^7 UFC/g	6,7 x10^7 UFC/ml

	w/w	w/v
Organic soil improver: simple, non-composted vegetable soil improver		
Selection of Fungi/Actinomycetes, including:		
Trichoderma longibrachiatum AGS799 *	4,0 x10^7 UFC/g	3,9 x10^7 UFC/ml
Clonostachys spp.	5,0 x10^7 UFC/g	4,8 x10^7 UFC/ml
Nomuraea spp.	1,0 x10^7 UFC/g	9,7 x10^6 UFC/ml

Raw materials: inoculation of endomycorrhizal fungi on sorghum roots, simple non-composted vegetal improver, rhizosphere bacteria, Pro-Act. %w/w equivalent to %w/v at 20°C.
* Exclusive strain isolated and deposited by Agriges in an international reference microbial collection.

DOSES AND ADMINISTRATION

Crops	Foliar Application	Dose ml/hl
Fruit trees	From blossoming to the harvest	150-250
Horticultural	From blossoming to the harvest	150-250
Industrial	Throughout the vegetative cycle	100-200
Crops	**Application in Fertigation**	**Dose l/ha**
All crops	Throughout the vegetative cycle	2-3

Aforementioned doses are indicative and may vary in relation to the pedo-climatic characteristics of each zone.

WARNINGS

We recommend carrying out tests on miscibility and safety, on surfaces and on a limited number of plants, checking and reducing doses for sensitive crops and those not expressly indicated.

FORMULATION	PACKAGES	DENSITY (T=20°C)	pH (sol. 6 %)	CONDUCTIVITY (sol. 10 %)
Cream	0,8 - 4 l	approx. 970 kg/m^3	approx. 7,0	approx. 0,02 dS/m

TECHNICAL NOTES

- Foliar Application
- Fertigation
- Allowed in Organic Farming
- Agriges exclusive production technology

agriges

special fertilizers
for modern
agriculture

www.agriges.com
info.contact@agriges.com

Ed. 0 - Rev. 1_16.03.2023