Valibiotics

Making Agriculture *sustainable!*

PRODUCT CATALOGUE

APPLICATION RECOMMENDATION

VALIBIOTICS group

company history

The Valibiotics group is formed by the Swiss Valibiotcis AG and the Austrian Valibiotics GmbH. Valibiotics GmbH was founded as a spin-off company from a successful research programm with the University of Natural Ressources and Life Sciences Vienna (BOKU).

The Valibiotis group focuses of the development, production and distribution of innovative and effective products for sustainable and integrative agriculture.

The Valibiotics Group offers a combination of organic and inorganic, active ingredients for integral use in agriculture on a biological basis. The products are intended to contribute to preventive protection of the plant as well as to promote growth and increase yields. By using microorganisms, we have succeeded in developing an integral biological solution for healthy plant growth.

The same basic principle was applied to animal husbandry. In this field our products enable stable hygiene, manure treatment, as well as supplementary feed and ensiling aids.

The competence centre for agrarian microbiology of the Valibiotics group is in Traiskirchen.

competence centre für agrarian microbiology in Traiskirchen

PRODUCT RANGE

natural – healty - regenerative

PLANT PRODUCTION

Soil treatment / straw rotting / compost

Nourivit Plus and Nourivit Soil

Foliar treatment

Nourivit Plus

Nourivit Calcium

Prevention of fungal diseases

Valibiotics forte

Valibiotics Ca liquid

Livestock farming

Manure treatment

Nourivit Plus

Feeding & silaging

Valibiom Mix

NOURIVIT SOIL

Catalyst for breaking down crop residues

gelistet InfoXgen für Biobetriebe geeignet

Nourivit Soil are useful microorganisms in a highly concerted form. These are incorporated during soil cultivation and promote the decomposition of plant residues. This builds up humus over the years and makes the soil more fertile and productive.

composition:
Microorganisms (lactic acid bacteria (*Bifidobacterium animalis, Bifidobacterium bifidum, Limosilactobacillus fermentum, Lacticaseibacillus casei, Lactiplantibacillus plantarum*), *Rhodopseudomonas palustris* and *Saccharomyces cerevisiae*, sugar cane molasses and water.

advantages of Nourivit Soil

- Nourivit Soil activates microbial soil life
- Nourivit Soil reduces fertilizer costs
- Nourivit Soil increases yields through better nutrient availability
- Nourivit Soil reduces the infection pressure in the following season

availabe in:
canister: 10 L, 20 L
IBC Tank: 300 L, 600 L, 1000 L

NOURIVIT PLUS

Our microorganisms for strong plants and soils

gelistet InfoXgen für Biobetriebe geeignet

Nourivit Plus is a mixture of beneficial lactic acid bacteria, yeasts, and phototrophic bacteria.
It is used in foliar treatment, soil treatment, straw rotting, and composting.

composition:
Micororganisms (lactic acid bacteria (*Bifidobacterium animalis, Bifidobacterium bifidum,* Limosilactobacillus fermentum, Lacticaseibacillus casei, Lactiplantibacillus plantarum), *Rhodopseudomonas palustris* and *Saccharomyces cerevisiae*, sugar cane molasses and water.

advantages of Nourivit Plus

- activation of soil life
- accelerated conversion of organc matter and increase in humus buildup
- shortening of the growing season
- improves soil conditions for greater root mass
- increased yield through better nutrient availability
- improves nutrient and soil conditions for better crop quality

available in:
canister: 10 L, 20 L
IBC Tank: 300 L, 600 L, 1000 L

NOURIVIT CALCIUM

Strengthen plants with natural materials

gelistet InfoXgen für Biobetriebe geeignet

Nourivit Calcium is made from natural raw materials. It provides the plant with optimal calcium during growth.

Raw material: rock flour (calcium carbonate of natural origin).

Nourivit Calcium is used in foliar treatment and seed treatment.

advantage von Nourivit Calcium

- shortening of the growing season
- more vital and resistant plants
- reduction in water requirements (higher drought resistance)
- improves nutrient conditions for better crop yield
- better storability of the fruit
- increase in yield through better adsorption and conversion of soil nutrients
- no pollution of the groundwater

available in:
bucket / bag: 10 kg, 20 kg 25 kg
Big Bag: 1000 kg

VALIBIOTICS FORTE

Natural active ingredients for healthy plants

gelistet InfoXgen für Biobetriebe geeignet

Valibiotics forte is a mixture of natural lactic acid bacteria and yeast strains..

Composition: microorganisms (*Limosilactobacillus fermentum, Lacticaseibacillus casei, Lactiplantibacillus plantarum, Saccharomyces cerevisiae*), sugar cane molasses and water.

Valibiotics forte is sprayed directly onto the leaves together with Valibiotics Ca liquid (for organic farms with Nourivit Calcium) and is a preventive treatment of fungal diseases.

advantages of Valibiotics forte

- Valibiotics forte activates the plant's natural defence system
- Valibiotics forte stabilizes quality and yield
- Valibiotics forte leaves no chemical residue on the plant
- Valibiotics forte is toxicologically harmless and poses no danger to the user

available in:
canister: 5 L, 10 L, 20 L
IBC Tank: 300 L, 600 L, 1000 L

VALIBIOTICS Ca liquid

Natural active ingredients for healthy plants

Valibiotics Ca liquid is a liquid formulation of calcium and has excellent solubility in water.

starting material: Calcium chloride solution

Valibiotics Ca liquid is sprayed directly onto the leaves with Valibiotics forte for the preventive treatment of fungal diseases.

advantages von Valibiotics Ca liquid

- Valibiotics Ca liquid optimally supplies the plant with quickly available calcium cations directly via the leaf
- Valibiotics Ca liquid stabilizes and strengthens the plant's cell walls and thus increases the plant's resilience to diseases and pests
- Valibiotics Ca liquid increases the plant's drought resistance

available in:
canister: 5 L, 10 L, 20 L
IBC Tank: 300 L, 600 L, 1000 L

VALIBIOM MIX

Healthy digestion for animal welfare

gelistet InfoXgen für Biobetriebe geeignet

Valibiom Mix is added to feed or trough as a supplementary feed and is suitable for all animal species. It also serves as a fourth-generation silage agent.

Zusammensetzung: Fermentation product by fermentation of microorganisms (lactic acid bacteria (*Lactiplantibacillus plantarum, Lentilactobacillus buchneri*) and yeasts), extract of herbs (mallow, mint, and sage), sugar cane molasses and water.

Valibiom Mix is added to succulent, green, liquid, or dry feed and can also be dosed into the drinking water.

advantages of Valibiom Mix

- Valibiom Mix stabilizes the feed ration and counteracts secondary fermentation
- Valibiom Mix increases the palatability of feed
- Valibiom Mix increases the animal's resistance to heat stress
- Valibiom Mix increases the stability of the silage at the feeding table

available in:
canister: 10 L, 20 L
IBC Tank: 300 L, 600 L, 1000 L

NOURIVIT PLUS

(livestock farming)

Improved stable comate and high-quality manure

gelistet InfoXgen für Biobetriebe geeignet

Nourivit Plus and Nourivit Soil consist of beneficial lactic acid bacteria, yeasts, and phototrophic bacteria. They are used in stable hygiene and for processing manure.

composition:
microorganisms (lactic acid bacteria *(Bifidobacterium animalis, Bifidobacterium bifidum, Limosilactobacillus fermentum, Lacticaseibacillus casei, Lactiplantibacillus plantarum*), *Rhodopseudomonas palustris* und *Saccharomyces cerevisiae)*, Zuckerrohrmelasse sugar cane molasses and water.

advantages of Nourivit Plus

- Biologically binds ammonia and prevents gaseous escape
- Counteracts the formation of floating layers
- Improves the compatibility of the manure on the turf
- Forms a useful biofilm in the stable
- A stable and healthy stable climate is created

available in:
canister: 10 L, 20 L
IBC Tank: 300 L, 600 L, 1000 L

APPLICATION RECOMMENDATION ARABLE FARMING

BARLEY
Humid area

SEEDBED PREPARATION output of 5 L Nourivit Soil /ha

SEED TREATMENT:

BBCH 0

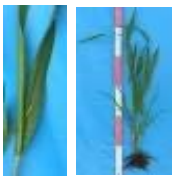
0,5 kg Nourivit Calcium /t seeds and
2 L Nourivit Soil /t seeds

1. TREATMENT 1 – 3 leaf stage

BBCH 10 – 13

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

2. TREATMENT end of tillering



BBCH 29 – 30

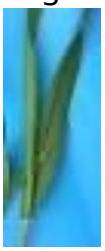
3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

3. TREATMENT shoot development

BBCH 34 – 35

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

4. TREATMENT flag leaf just visible



BBCH 37

1 L Valibiotics Forte /ha and
2 L Valibiotics Ca Liquid /ha
(for organic farms 2,0 kg Nourivit Calcium /ha)

5. TREATMENT flag leaf sheath opening

BBCH 47 – 48

1 L Valibiotics Forte /ha and
2 L Valibiotics Ca Liquid /ha
(for organic farms 2,0 kg Nourivit Calcium /ha)

BARLEY
Dry area

SEEDBED PREPARATION output of 5 L Nourivit Soil /ha

SEED TREATMENT:

BBCH 0

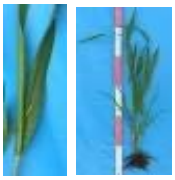
0,5 kg Nourivit Calcium /t seeds and
2 L Nourivit Soil /t seeds

1. TREATMENT 1 – 3 leaf stage

BBCH 10 – 13

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

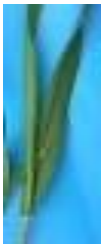
2. TREATMENT end of tillering



BBCH 29 – 30

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

3. TREATMENT Shoot development



BBCH 37

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

4. TREATMENT flag leaf sheath opening

BBCH 47 – 48

1 L Valibiotics Forte /ha and
3 L Valibiotics Ca Liquid /ha
(for organic farms 2,0 kg Nourivit Calcium /ha)

WINTER WHEAT
Humid area

SEED TREATMENT output of 5 L Nourivit Soil /ha

SEED TREATMENT:

BBCH 0

0,5 kg Nourivit Calcium /t seeds and
2 L Nourivit Soil /t seeds

1. TREATMENT 1 – 3 leaf stage

BBCH 10 – 13

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

2. TREATMENT mid of tillering

BBCH 23 – 25

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

3. TREATMENT shoot development

BBCH 34 – 35

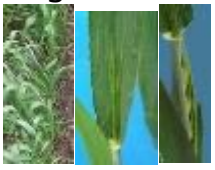
3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

4. TREATMENT Flag leaf just visible

BBCH 37

1 L Valibiotics Forte /ha and
2 L Valibiotics Ca Liquid /ha
(for organic farms 2,0 kg Nourivit Calcium /ha)

5. TREATMENT flag leaf sheath opening



BBCH 49 – 51

1 L Valibiotics Forte /ha and
2 L Valibiotics Ca Liquid /ha
(for organic farms 2,0 kg Nourivit Calcium /ha)

WINTER WHEAT
Dry area

SEEDBED PREPARATION output of 5 L Nourivit Soil /ha

SEED TREATMENT:

BBCH 0

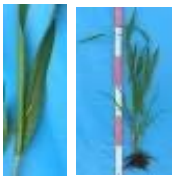
0,5 kg Nourivit Calcium /t seeds and
2 L Nourivit Soil /t seeds

1. TREATMENT 1 – 3 leaf stage

BBCH 10 – 13

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

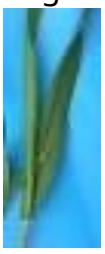
2. TREATMENT end of tillering



BBCH 29 – 30

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

3. TREATMENT flag leaf just visible



BBCH 37

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

4. TREATMENT before flag leaf sheath opening

BBCH 47 - 49

1 L Valibiotics Forte /ha and
3 L Valibiotics Ca Liquid /ha
(for organic farms 2,0 kg Nourivit Calcium /ha)

SPRING WHEAT
Humid area

SEEDBED PREPARATION Output of 5 L Nourivit Soil /ha

SEED TREATMENT:

BBCH 0

0,5 kg Nourivit Calcium /t seeds and
2 L Nourivit Soil /t seeds

1. TREATMENT 1 – 3 leaf stage

BBCH 10 – 13

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

2. TREATMENT mid tillering

BBCH 23 – 25

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

3. TREATMENT shoot development

BBCH 34 – 35

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

4. TREATMENT Flag leaf

BBCH 37

1 L Valibiotics Forte /ha and
2 L Valibiotics Ca Liquid /ha
(for organic farms 2,0 kg Nourivit Calcium /ha)

5. TREATMENT flag leaf sheath opening

BBCH 49 – 51

1 L Valibiotics Forte /ha and
2 L Valibiotics Ca Liquid /ha
(for organic farms 2,0 kg Nourivit Calcium /ha)

SPRING WHEAT
Dry area

SEEDBED PREPARATION output of 5 L Nourivit Soil /ha

SEED TREATMENT:

BBCH 0

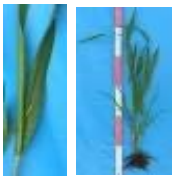
0,5 kg Nourivit Calcium /t seeds and
2 L Nourivit Soil /t seeds

1. TREATMENT 1 – 3 leaf stage

BBCH 10 – 13

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

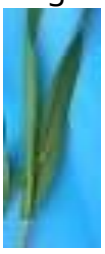
2. TREATMENT end of tillering



BBCH 29 – 30

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

3. TREATMENT Flag leaf just visible



BBCH 37

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

4. TREATMENT before flag leaf sheath opening

BBCH 37

1 L Valibiotics Forte /ha and
3 L Valibiotics Ca Liquid /ha
(for organic farms 2,0 kg Nourivit Calcium /ha)

WINTER RYE
Humid area

SEEDBED PREPARATION output of 5 L Nourivit Soil /ha

SEED TREATMENT:

BBCH 0

0,5 kg Nourivit Calcium /t seeds and
2 L Nourivit Soil /t seeds

1. TREATMENT 1 – 3 leaf stage

BBCH 10 – 13

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

2. TREATMENT end of tillering

BBCH 29 – 30

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

3. TREATMENT Before the flag leaf sheet appears

BBCH 34 - 35

1 L Valibiotics Forte /ha and
3 L Valibiotics Ca Liquid /ha
(for organic farms 2,0 kg Nourivit Calcium /ha)

4. TREATMENT flag leaf sheath opening

BBCH 49 - 50

1 L Valibiotics Forte /ha and
3 L Valibiotics Ca Liquid /ha
(for organic farms 2,0 kg Nourivit Calcium /ha)

NOTE: Be sure to apply Valibiotics BEFORE the flag leaf appears. Otherwise the effect will be reduced!!!

WINTER RYE
Dry area

SEEDBED PREPARATION output of 5 L Nourivit Soil /ha

SEED TREATMENT:

BBCH 0

0,5 kg Nourivit Calcium /t seeds and
1-2 L Nourivit Soil /t seeds

1. TREATMENT 1 – 3 leaf stage

BBCH 10 – 13

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

2. TREATMENT end of tillering

BBCH 29 – 30

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

3. TREATMENT before flag leave sheet appears

BBCH 34 - 35

1 L Valibiotics Forte /ha and
3 L Valibiotics Ca Liquid /ha
(for organic farms 2,0 kg Nourivit Calcium /ha)

NOTE: Be sure to apply Valibiotics BEFORE the flag leaf appears. Otherwise the effect will be reduced!!!

SPELT

SEEDBED PREPARATION output of 5 L Nourivit Soil /ha

SEED TREATMENT:

BBCH 0

0,5 kg Nourivit Calcium /t seeds and
2 L Nourivit Soil /t seeds

1. TREATMENT 1 – 3 leaf stage

BBCH 10 – 13

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

2. TREATMENT end of tillering

BBCH 29 – 30

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

3. TREATMENT flag leaf just visible

BBCH 37

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

4. TREATMENT flag leaf sheath opening

BBCH 49 - 50

1 L Valibiotics Forte /ha and
3 L Valibiotics Ca Liquid /ha
(for organic farms 2,0 kg Nourivit Calcium /ha)

FIELD BEAN

SEEDBED PREPARATION output of 5 L Nourivit Soil /ha

SEED TREATMENT:

BBCH 0

0,5 kg Nourivit Calcium /t seeds and
2 L Nourivit Soil /t seeds

1. TREATMENT Leaf stage – fist leaf unfolded

BBCH 14

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

2. TREATMENT longitudinal growth – main shoot visibly, stretched internode

BBCH 17

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

3. TREATMENT fist flower buds visible

BBCH 51

1 L Valibiotics Forte /ha and
3 L Valibiotics Ca Liquid /ha
(for organic farms 2,0 kg Nourivit Calcium /ha)

GRAIN PEAS

SEEDBED TREATMENT output of 5 L Nourivit Soil /ha

SEED TREATMENT:

BBCH 0

0,5 kg Nourivit Calcium /t seeds and
2 L Nourivit Soil /t seeds

1. TREATMENT 3 leaves (with stipules) unfolded of 3 tendrils developed

BBCH 13

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

2. TREATMENT 7 leaves (with stipules) unfolded of 7 tendrils developed

BBCH 17

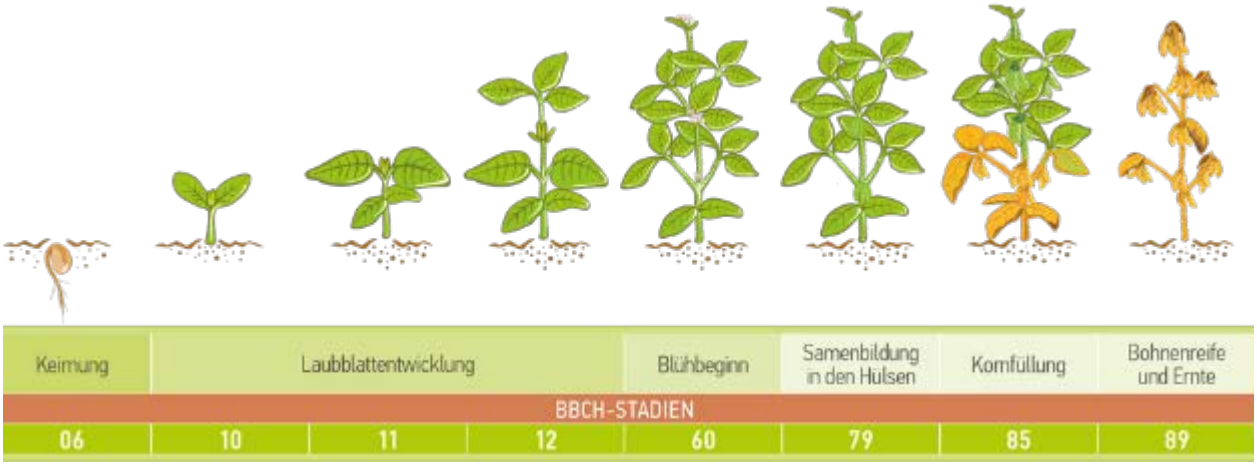
3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

3. TREATMENT 11 leaves (with stipules) unfolded of 11 tendrils developed

BBCH 21

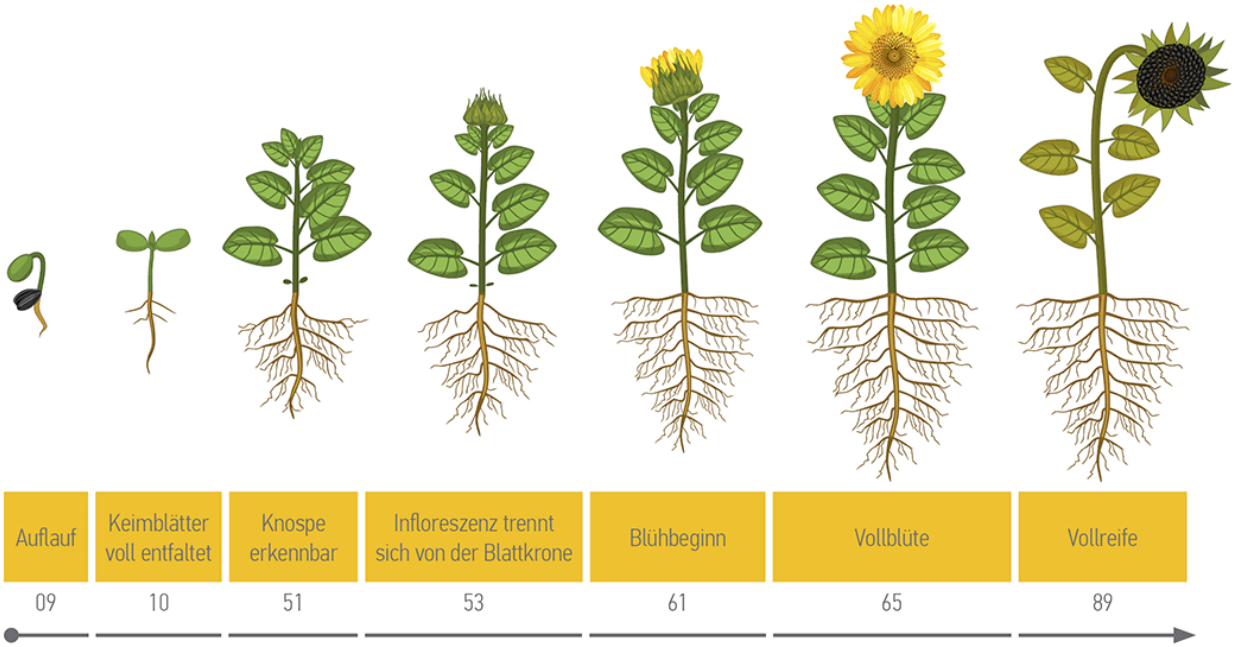
1 L Valibiotics Forte /ha and
3 L Valibiotics Ca Liquid /ha
(for organic farms 2,0 kg Nourivit Calcium /ha

SOYA



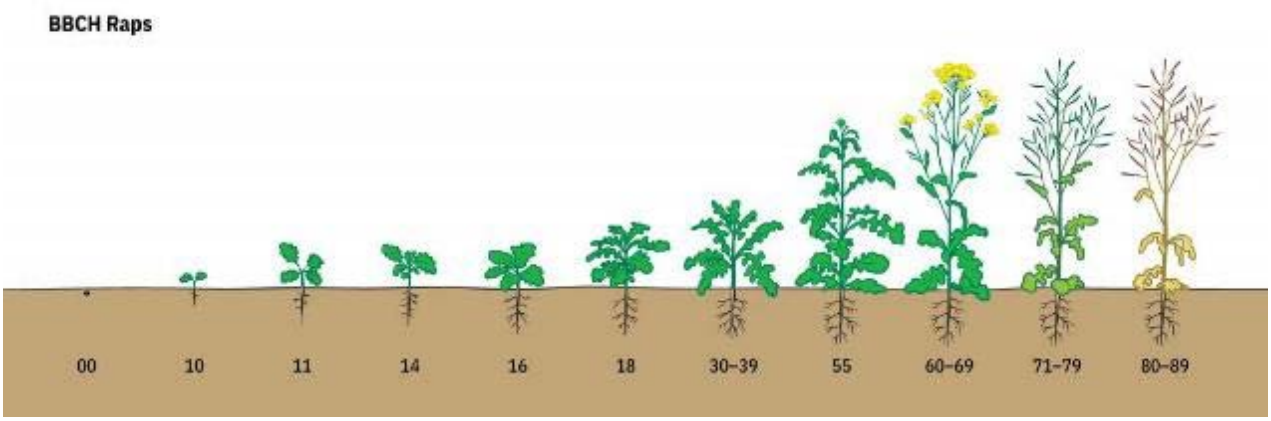
SEEDBED PREPARATION		output of 5 L Nourivit Soil /ha
SEED TREATMENT		2 L Nourivit Soil /t seeds
1. TREATMENT	BBCH 13	3 kg Nourivit Calcium /ha and 3 L Nourivit Plus /ha
2. TREATMENT	BBCH 17	3 kg Nourivit Calcium /ha and 3 L Nourivit Plus /ha

SUNFLOWER



SEEDBED PREPARATION		output of 5 L Nourivit Soil /ha
1. TREATMENT	BBCH 10 - 11	3 kg Nourivit Calcium /ha and 3 L Nourivit Plus /ha
2. TREATMENT	after 14 days	3 kg Nourivit Calcium /ha and 3 L Nourivit Plus /ha
3. TREATMENT	BBCH 51	1 L Valibiotics Forte /ha and 3 L Valibiotics Ca Liquid /ha (for organic farms 2,0 kg Nourivit Calcium /ha)

RAPESEED



SEEDBED PREPARATION		output of 5 L Nourivit Soil /ha
1. TREATMENT	BBCH 10 - 11	3 kg Nourivit Calcium /ha and 3 L Nourivit Plus /ha
2. TREATMENT	after 14 days	3 kg Nourivit Calcium /ha and 3 L Nourivit Plus /ha
3. TREATMENT	BBCH 51	3 kg Nourivit Calcium /ha and 3 L Nourivit Plus /ha
4. TREATMENT	BBCH 59	1 L Valibiotics Forte /ha and 3 L Valibiotics Ca Liquid /ha (for organic farms 2,0 kg Nourivit Calcium /ha)

Maize

SEEDBED PREPARATION output of 5 L Nourivit Soil /ha

SEED TREATMENT:

BBCH 0

0,5 kg Nourivit Calcium /t seeds and
2 L Nourivit Soil /t seeds

1. TREATMENT 1 – 3 leaf stage – main shoot (leaf) unfolded

BBCH 10 - 13

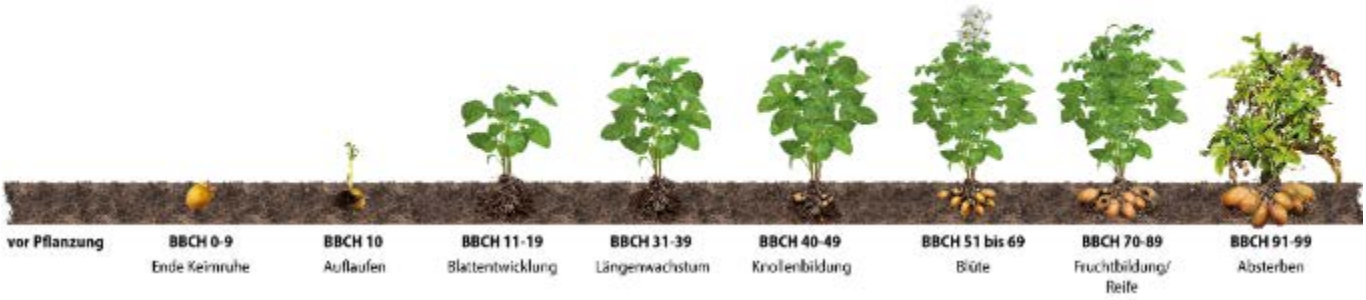
3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

2. TREATMENT end of tillering

BBCH 20

3 kg Nourivit Calcium /ha and
3 L Nourivit Plus /ha

POTATO



SEEDBED PREPARATION		output of5 L Nourivit Soil /ha
SEED TREATMENT	BBCH 0	5 kg Nourivit Calcium /t seeds and 2 L Nourivit Soil /t seeds
1. TREATMENT	BBCH 10	3 kg Nourivit Calcium /ha and 3 L Nourivit Plus /ha
2. TREATMENT	BBCH 11 - 19	3 kg Nourivit Calcium /ha and 3 L Nourivit Plus /ha
3. TREATMENT	BBCH 31 - 39	3 kg Nourivit Calcium /ha and 3 L Nourivit Plus /ha
4. TREATMENT *	BBCH 40 - 49	1 L Valibiotics Forte /ha and 2 L Valibiotics Ca Liquid /ha (for organic farms 2,0 kg Nourivit Calcium /ha)
5. TREATMENT *	BBCH 51 - 69	1 L Valibiotics Forte /ha and 2 L Valibiotics Ca Liquid /ha (for organic farms 2,0 kg Nourivit Calcium /ha)
6. TREATMENT *	BBCH 70 - 89	1 L Valibiotics Forte /ha and 2 L Valibiotics Ca Liquid /ha (for organic farms 2,0 kg Nourivit Calcium /ha)

*** in case of high fungal pressure a weekly treatment is recommended!**

SUGAR BEET

SEEDBED TREATMENT		output of 5 L Nourivit Soil /ha
1. TREATMENT	BBCH 12	3 kg Nourivit Calcium /ha and 3 L Nourivit Plus /ha
2. TREATMENT	BBCH 14 - 31	3 kg Nourivit Calcium /ha and 3 L Nourivit Plus /ha
3. TREATMENT	BBCH 31 - 39	3 kg Nourivit Calcium /ha and 3 L Nourivit Plus /ha
4. TREATMENT *	following row closure	1 L Valibiotics Forte /ha and 2 L Valibiotics Ca Liquid /ha (for organic farms 2,0 kg Nourivit Calcium /ha)
5. TREATMENT *	BBCH 49	1 L Valibiotics Forte /ha and 2 L Valibiotics Ca Liquid /ha (for organic farms 2,0 kg Nourivit Calcium /ha)
6. TREATMENT *	BBCH 70 - 89	1 L Valibiotics Forte /ha and 2 L Valibiotics Ca Liquid /ha (for organic farms 2,0 kg Nourivit Calcium /ha)

*** in case of high fungal pressure a weekly treatment is recommended!**

ONION / GARLIC / shallots

SEEDBED TREATMENT		output of 5 L Nourivit Soil /ha
SEED TREATMENT	BBCH 0	5 kg Nourivit Calcium /t seeds and 5 L Nourivit Soil /t seeds
1. TREATMENT	BBCH 15	1 L Valibiotics Forte /ha and 2 L Valibiotics Ca Liquid /ha (for organic farms 2,0 kg Nourivit Calcium /ha)
2. TREATMENT	BBCH 20 - 25	3 kg Nourivit Calcium /ha and 3 L Nourivit Plus /ha
3. TREATMENT	BBCH 40 - 49	1 L Valibiotics Forte /ha and 2 L Valibiotics Ca Liquid /ha (for organic farms 2,0 kg Nourivit Calcium /ha)

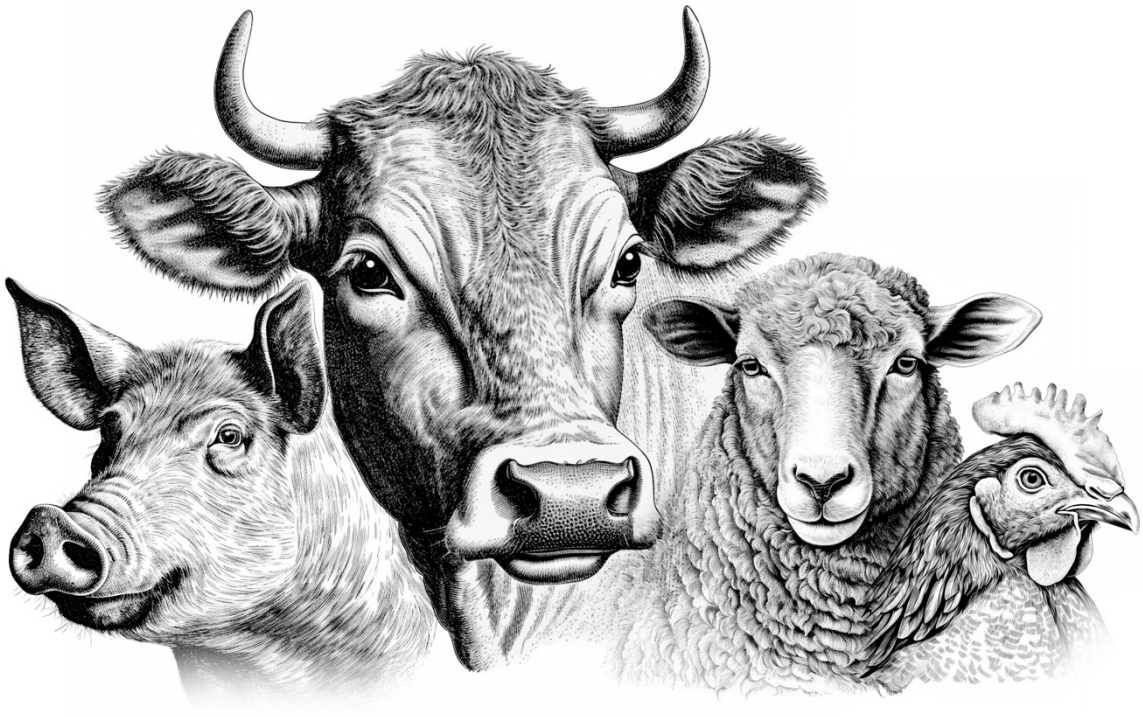
*** in case of high fungal pressure a weekly treatment is recommended!**

FIELD VEGETABLES

SEEDBED PREPARATION		output of 5 L Nourivit Soil /ha
SEED TREATMENT	BBCH 0	1 kg Nourivit Calcium /t seeds and 2 L Nourivit Soil /t seeds
SEEDLING TREATMENT		mix 1 L Nourivit Plus and 10 L water immerse seedling
1. TREATMENT	3 – 5 leaf stage	3 kg Nourivit Calcium /ha and 3 L Nourivit Plus /ha
2. TREATMENT	after 14 days	3 kg Nourivit Calcium /ha and 3 L Nourivit Plus /ha
3. TREATMENT *	BBCH 40 - 49	1 L Valibiotics Forte /ha and 2 L Valibiotics Ca Liquid /ha (for organic farms 2,0 kg Nourivit Calcium /ha)

*** in case of high fungal pressure a weekly treatment is recommended!**

APPLICATION RECOMMENDATIONS LIVESTOCK FARMING



STABLE HYGIENE

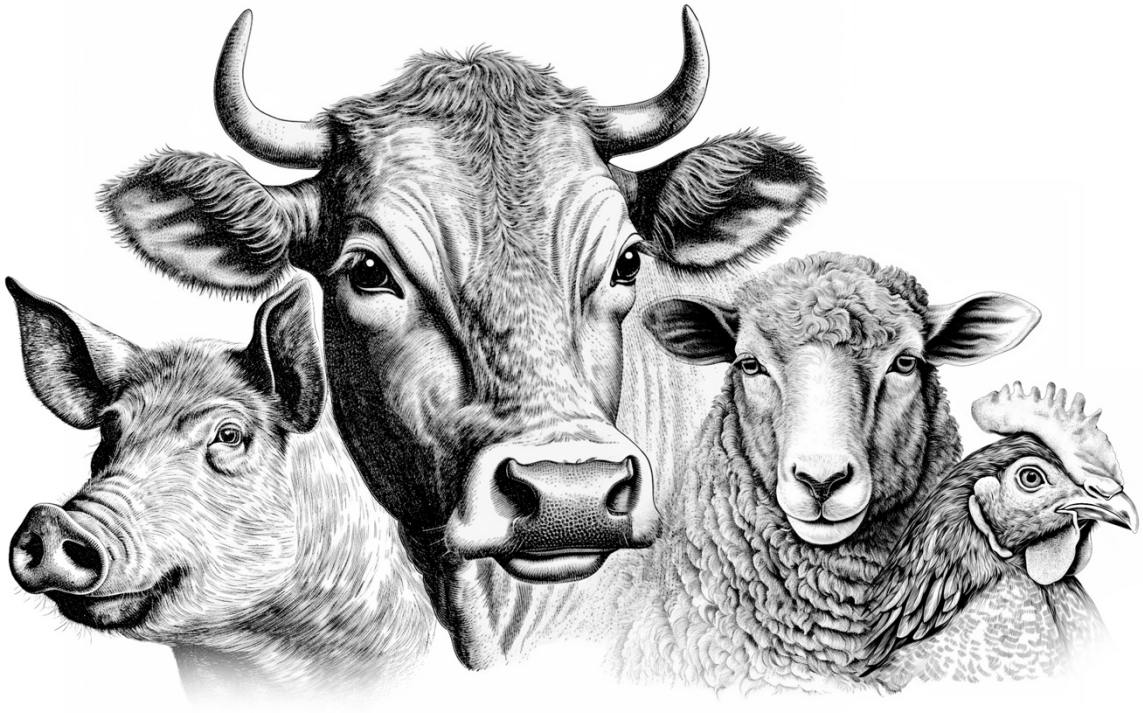
A useful biofilm is formed in the stable by using Nourivit Plus. This creates a stable and healthy microclimate in the stable.

The formation of the biofilm is useful and counteracts colonization with undesirable microorganisms. The first application with Nourivit Plus takes place after cleaning and disinfecting the stables. The litter is then treated with Nourivit Plus.

This treatment is repeated at regular intervals (every 2 weeks).

dosage

mix 5 Liter Nourivit Plus with 15 L water /100 m² stable area
and spray evenly



MANURE PROCESSING

Regular treatment of manure is recommended. Nourivit Plus can be added to the manure via the slatted floor of in the stable.

It is also possible to add it directly to the slurry pit (but ideally 1 month before spreading).

dosage	
pig manure:	1,5 Liter Nourivit Plus /m³ manure (fermentation begins after 1 – 3 weeks)
cattle manure:	1,5 Liter Nourivit Plus /m³ manure (fermentation begins after 1 – 3 weeks)
poultry manure:	2 Liter Nourivit Plus /m³ manure (fermentation begins after 1 – 3 weeks)
solid manure:	spray 1 L Nourivit Plus /m³
manure	mix in 25 L Nourivit Plus /100 m³manure before application (optimally 2 days before)

FEEDING

Valibiom Mix is added to succulent, green, liquid, or dry feed and can also be dosed into the drinking water.

Animal type	dosage	Recommended use
Pig farming		
pigs	5 – 10 L Valibiom Mix /t dry feed	
	3 – 5 L Valibiom Mix /t liquid feed	add to the feed
Cattle farming		
calves	15 mL Valibiom Mix /animal /day	
young cattle under 1 year	25 mL Valibiom Mix / animal /day	
Young cattle over 1 year	50 mL Valibiom Mix / animal /day	add to the feed
fattening cattle	50 mL Valibiom Mix / animal /day	
Dairy cattle	100 mL Valibiom Mix / animal /day	
poultry farming		
pullets laying hens Broiler chickens, turkeys, ducks, geese	3 – 5 L Valibiom Mix /t feed 5 – 10 L Valibiom Mix /t feed	add to the feed
sheep and goat farming		
sheep/goat	15 mL Valibiom Mix / animal /day	add to the feed

SILAGING

Valibiom Mix is a fermentation product made from Nourivit microorganisms and contains homofermentative, heterofermentative lactic acid bacteria and yeasts.

Valibiom Mix is used in the preparation of the plant material to be ensiled.

Valibiom Mix is sprayed evenly onto the shredded crop and promotes the conversion of sugar into lactic acids.

A stable optimal pH value is the result. Bacteria that are harmful to fermentation (e.g. listeria, closteria) are prevented from growing.

dosage

for each m^3 of silage, 1 litre of Valibiom Mix is sprayed evenly onto the shredded crop.

valibiotics+

VALIBIOTICS group

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