

Bi**o**dinamika

AGROLINIJA-S

Organic fertilizer-AGROLINIJA-S

Concentrated formula

Organic matter and microbiotic activity

Humic and fulvic acids

Amino acids

NPK & Microelements

EN AGROLINIJA-S

Concentrate form, liquid trace organic fertilizer and soil conditioner, made on the basis of beef cattle manure compost and leonardite humic acids on the basis of innovative technology for fertilizing foliar and planting materials.

Fertilizer "AGROLINIJA-S" is intended for:

- fertilizing for all plants foliar;
- planting (seeds and seedlings) material treatment;
- use as a pre-mix and improve the activity of other nutrients when taken together;
- enriching and improving the soil structure.

For processing:

- When foliar fertilizing, treating the 1 hectare area requires 2.0 - 3.0 liters of AGROLINIJA-S preparation. Dilution rate-1:120/ 2.0 - 3.0 l/ ha ~ 200 l - H₂O 2-3 times during vegetation.
- Planting material (seedlings, plant seedlings) before planting is carried out with fertilizer concentration in solution -1:300.
- Treatment of seedlings, use 500 ml to 1000 ml to treat 1 tonne of seeds. Usually 10 liters of finished solution.
- Flood into soil before sowing, 5.0 - 8.0 l/ ha
- During irrigation systems, the pads in the root zone, dilute 1:150, no more than every 10-14 days.
- The product can be used as a premix for mixing with pesticides/ mineral fertilizers, it is recommended to check compatibility before mixing.

The composition is determined by Eurofins in dry material:

pH - 8.6	
organic material	54%
dry material	5.6%
total nitrogen (N)	3.75%
total phosphorus (P)	1.96%
total potassium (K)	7.15%
humic acids	45.2%
fulvic acids	13.75%
amino acids	5%
density	1025 g/l
Ca, Mg, Na, S, Fe, B, Co, Cu, Mo, Mn, Zn	< 1%

Suitable for use in organic production pursuant to Council Regulation (EC) No. 834/2007 and Commission Regulation (EC) No. 889/2008. The product AGROLINIJA-S is included in the register of the FiBL, fertilizers used in organic farming in Germany, Demeter International, Demeter Germany, ECOVIN, Gäa Germany, FiBL Inputs list for organic farming, Naturland Germany.

FiBL

The use of "AGROLINIJA-S" provides:

- stimulates all plant growth processes;
- germination and seed germination;
- increase the yield of agricultural products (up to 30%, depending on the crop and soil fertility) and improve the decorative value of floricultural plants;
- improve the quality of agricultural products (by increasing gluten content and improving quality by increasing sugar);
- quantity, oil, starch, amount of vitamins, grain quality, reduction of nitrate content);
- increase the efficiency of use of macro and micro-nutrients;
- increase the use of chemical and biological plant protection products (possible reduce their number by 10-30%);
- reducing the negative effects of chemical fertilizers and pesticides;
- acceleration of puberty for 7-10 days;
- an increase in resistance to adverse environmental factors;
- reduce the risk of infection with phytopathogenic microflora;
- Improvement of the physical and chemical properties of soils, heavy metal and toxic chemical elements.

The concentration of the working solution is selected depending on the selected treatment of the leaves technologies. Spraying should be done in the evening or early in the morning, thoroughly sprayed ("AGROLINIJA-S" in aqueous solution). Treatment time: spray 2-3 times during vegetation, taking into account the phase of development and maturation of the plant. Package: 1 l, 5 l, 25 l, 1000 l. Storage: 24 months.

Culture	Recommended dilution rate	Recommended fertilization foliar phases
Winter wheat	1:100	1st spray- when wheat started growing stem. 2nd spray-when wheat started to grow „whiskers“.
Wheat, Corn, Barley	1:100	1-2 sprays- when theres 4 leaves on saplings, 3rd spray-when first „whiskers“ are formed.
Buckwheat	1:180	1st spray- when there are lower blossoms. 2nd spray-when there is full bloom.
Soy, beans, pease	1:100	1st spray-when sappling has 2 leaves. 2nd spray- atstart of bloom
Sugar beetroot	1:100	1st spray-when sapling has 4-6 leaves. 2nd spray-after 10-15days.
Carrots, Radishes, turnips	1:100	1st spray-when sapling has 3-4 leaves. 2nd spray-after 10-15days.
Tomatoes, paprika, eggplants	1:120	1st spray-3-5days after planting sprouts. 2nd spray-start of bloom.
Cabbages	1:120	1st spray-3-5days after planting sprouts.
Potatoes	1:120	1st spay after leaves are formed 2nd spray after start of blooming
Onions, Garlics	1:100	1st spay after leaves are formed 2nd spray-after 12-15 days
Grapes	1:150	1st spray- during blooming 2nd spray after 10-12 days
Corn	1:130	1st spray-after 3-6 leaves are formed on saplings . 2nd spray-when plants start to grow „whiskers“
Citrus trees	1:300	1st spray-Water the roots of trees but with periods of 12-15days. 2nd spray-During vegetation phase use dilution rate of 1:400 and spray on leaves 3-4 times with periods of 15 days between them.
Banana trees	1:200	1st spray- Water the roots of trees but with periods of 12-15days. 2nd spray foliar- every 15 days.
Watermelons, cucumbers, courgette	1:100	1st spray when 4-6leaves are formed or 3-5 after planting saplings, 2nd spray-at start of blooming

Fertilization technologies

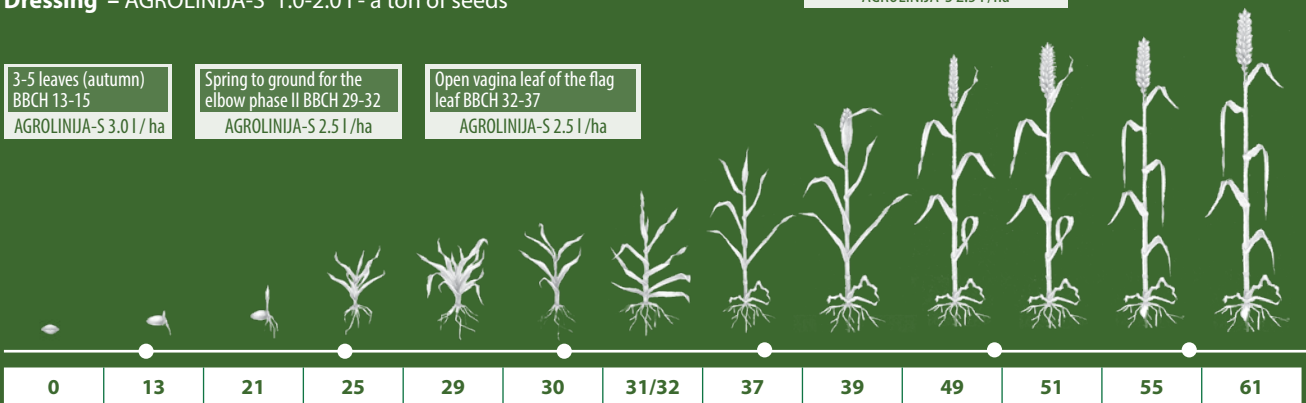
Winter grain – Product standards are set to 1 hectare
Dressing – AGROLINIJA-S 1.0-2.0 l - a ton of seeds

Fully visible ear-panicle BBCH 55-59
 AGROLINIJA-S 2.5 l /ha

3-5 leaves (autumn)
 BBCH 13-15
 AGROLINIJA-S 3.0 l /ha

Spring to ground for the
 elbow phase II BBCH 29-32
 AGROLINIJA-S 2.5 l /ha

Open vagina leaf of the flag
 leaf BBCH 32-37
 AGROLINIJA-S 2.5 l /ha

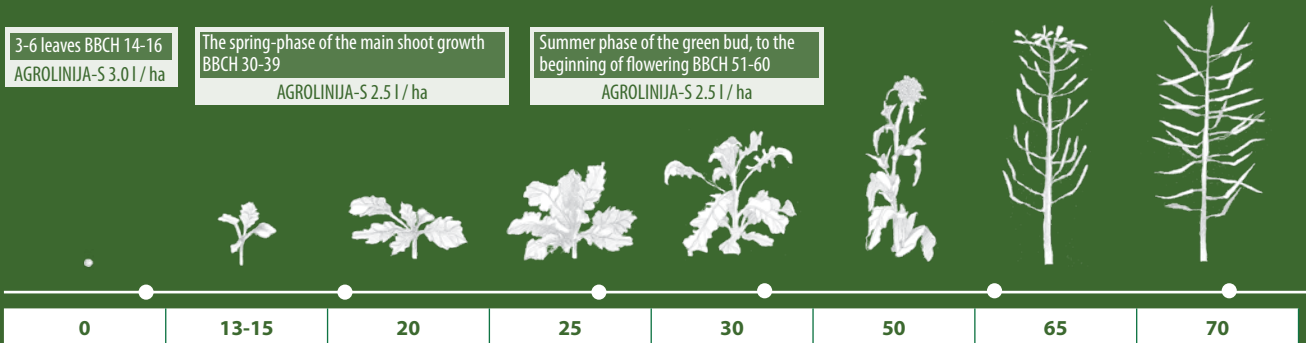


Winter rape/ – Product standards are set to 1 hectare

3-6 leaves BBCH 14-16
 AGROLINIJA-S 3.0 l /ha

The spring-phase of the main shoot growth
 BBCH 30-39
 AGROLINIJA-S 2.5 l /ha

Summer phase of the green bud, to the
 beginning of flowering BBCH 51-60
 AGROLINIJA-S 2.5 l /ha

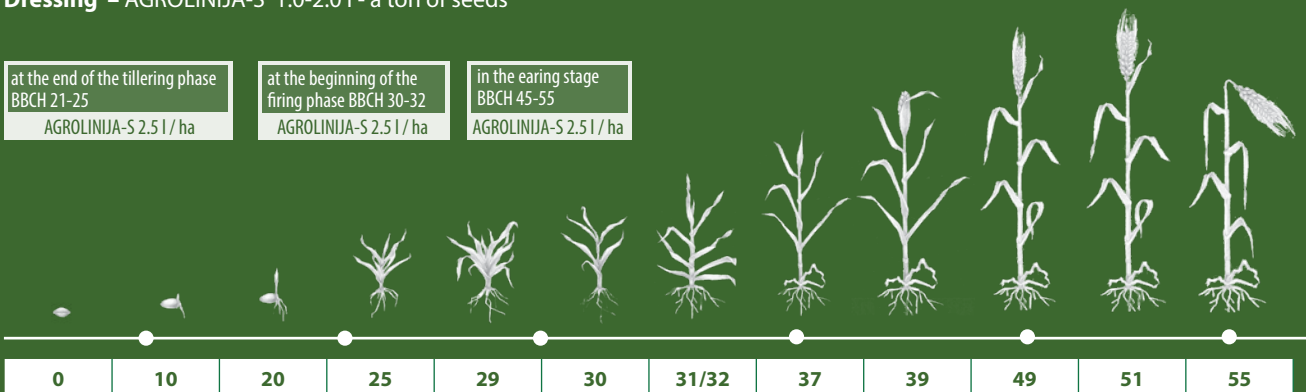


Wheat, oats, barley – Product standards are set to 1 hectare
Dressing – AGROLINIJA-S 1.0-2.0 l - a ton of seeds

at the end of the tillering phase
 BBCH 21-25
 AGROLINIJA-S 2.5 l /ha

at the beginning of the
 firing phase BBCH 30-32
 AGROLINIJA-S 2.5 l /ha

in the earing stage
 BBCH 45-55
 AGROLINIJA-S 2.5 l /ha



Corn – Product standards are set to 1 hectare

5-7 leaf unfolded BBCH 15-17
 AGROLINIJA-S 3.0 l /ha

Beginning of the stalk growth BBCH 30-34
 AGROLINIJA-S 3.0 l /ha



Tips for storage and use: Spray on not windy and sunny days, preferably in the morning or evening. Mix the fertilizer before use. It is recommended to spray the prepared solution within 48 hours. **Storage:** The product is not dangerous, no chemical or mineral additives. Incombustible. Stable physical and chemical states, filtered, suitable for spraying with modern automated sprinklers. It is recommended to store at 0 - 35 ° C, avoid direct sunlight. **Validity** - 24 months.



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