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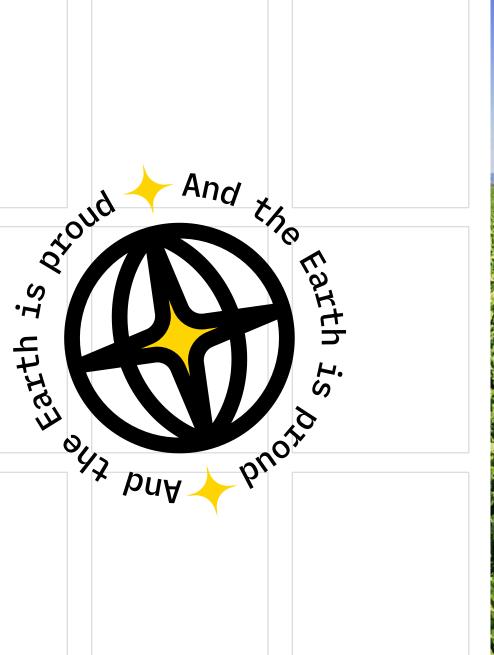
And the Earth is proud



Product catalog









w@nder

Ukrainian manufacturer of a wide range of complex fertilizers, microfertilizers and highly concentrated organo-mineral fertilizers based on high quality amino acids. We work on modern technologies, using raw materials from the world's leading suppliers.

Our product is high quality modern fertilizers for balanced plant nutrition.

Our goal is to bring food to every table on the planet, and at WONDER we are confident that we are not alone in our vision. Be our partner and we will be fulfilling this mission together.

How do we position ourselves?

WONDER stands for high quality, reasonable price and recognizable brand.











Product catalog

Foliar crystallized fertilizers

Wonder Wonder Wonder Wonder Wonder Wonder Wonder	Leaf Leaf Leaf Leaf Leaf	MgS Viole Blue Red Yell Oran	25 et ow ge	-50		• • •	7 8 9 10 11
Wonder Wonder	Leaf	Gree	n.		 	 	13







Foliar :	liau	ii	d		
fertili					15
Wonder Leaf	Mono Mono Amino Mono Mono Mono Mono Mono Wond Wond	B B P Cu Mr Zr Fe Ca Mc er er	11 120(low 30 13 16 1 11 1 8 2 10 4 14 0 3 Micro Macro	pH)	16 17 18 19 20 21 22 23 24 25 26 27





Regul folia appl:	ar f	ert	i	Lize		29
Adjuv	/ant	S			 	30
Wonder Wonder Wonder	Aqua	True	C	over	 	32



Prant i	nutritic	n sc	nemes	5			34
Fertilizer	application	rates a	ınd reco	mmendation	for	rapeseed	35
Fertilizer	application	rates a	ınd reco	mmendation	for	grain crops	36
Fertilizer	application	rates a	ınd reco	mmendation	for	corn	37
Fertilizer	application	rates a	ınd reco	mmendation	for	sunflower	38
Fertilizer	application	rates a	ınd reco	mmendation	for	soybeans	39
Fertilizer	application	rates a	and reco	mmendation	for	potato and root crops	40
Fertilizer	application	rates a	ınd reco	mmendation	for	sugar-beet	41
Fertilizer	application	rates a	ınd reco	mmendation	for	fruit trees	42
Fertilizer	application	rates a	nd reco	mmendation	for	pepper	43



Agronomist 24/7

Do you have to deal with lots of questions concerning plants' feeding during cultivation?

Do you spend much time for the information searching?

What would you say if the only thing you have to do for getting the information needed — is to take your phone?

Quality and useful information, which you need right now and during the cultivation period.

To get it, call the number

+380636261565

or write an e-mail to

agronomist@wonder-corporation.com

Wonder LLC expert agronomists are eager to consult you for free 24/7 wherever you are in the world.



What you get:

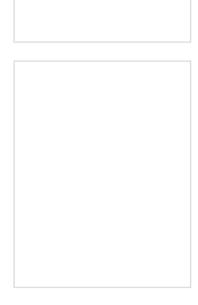
- Technological maps of crops' growing
- Selected rates and doses of fertilizers for foliar feeding (growth and development phases, soil climatic and economic indicators are taken into account)
- Developed individual patterns for foliar fertilizers application according to the crop
- And many other things for plants' foliar feeding

Contact us by e-mail or by phone number and one of our expert agronomists will consult you on all the questions you are interested in!



Foliar crystallized fertilizers









Wonder Leaf MgS 16-32

FOLIAR FERTILIZER

♦ Type: Crystalline

♦ Packaging: 25 kg

◆ Plant development phases and fertilization rates:

	Winter and spring rapeseed	BBCH 13-19 (Leaves rosette formation) 5-10 kg/ha	BBCH 31-39 (Stem formation) 5-10 kg/ha	BBCH 51-59 (Budding) 5-10 kg/ha
	Sugar beet	BBCH 14-18 (4-8 leaves) 5-10 kg/ha	BBCH 19 (10 and more leaves) 5-10 kg/ha	BBCH 31-39 (Closure of rows) 5-10 kg/ha
<u> </u>	Sunflower	BBCH 14-16 (4-6 leaves) 5-10 kg/ha	BBCH 18-19 (8 and more leaves) 5-10 kg/ha	
	Corn	BBCH 14-16 (4-6 leaves) 5-10 kg/ha	BBCH 18-19 (8 and more leaves) 5-10 kg/ha	
(9 }%	Soybean, bean	BBCH 13-19 (3 and more true leaves) 5-10 kg/ha	BBCH 51-59 (Budding) 5-10 kg/ha	BBCH 71-79 (Fruit and seeds formation) 5-10 kg/ha
3	Potato	BBCH 31-39 (Closure of rows) 5-10 kg/ha	BBCH 51-59 (Budding) 5-10 kg/ha	
	Vegetable	2-3 weeks after planting seedlings 5-10 kg/ha	BBCH 51-59 (Budding) 5-10 kg/ha	
	Winter and spring cereal	BBCH 21-29 (Tillering) 5-10 kg/ha	BBCH 31-36 (Stem elongation) 5-10 kg/ha	BBCH 37-39 (Flag leaf stage) 5-10 kg/ha
	Fruit and berry trees	BBCH 51-59 (Budding) 5-10 kg/ha	BBCH 67-69 (End of flowering, ovary formation) 5-10 kg/ha	BBCH 71-79 (Fruit formation and growth) 5-10 kg/ha

♦ Storage conditions:



♦ Composition:

Mg0	16%	S0₃	32%	Mn	0,007%
			•		•

Wonder Leaf MgS 16-32

Crystalline Magne with micro elemen

Mg0 16

w@nder Your future harvest in this package

Magnesium oxide Sulfur trioxide Manganese water soluble

water soluble

water soluble

- ◆ Fully water-soluble high quality product that can be easily mixed with other fertilizers and plant protection products. Suitable for foliar feeding and fertigation.
- ◆ Increases the effect of assimilation of nitrogen and phosphorus fertilizers (spring-summer period) and phosphorus (autumn-spring period). Neutralizes the influence of biuret.
- Participates in the intensity of the photosynthesis process. Helps to accumulate sugars, improves quality of flowering, increases the fruits palatability, increases harvest volume.
- ♦ Hydrous pH 1% solution: 5,5

Used for all crops when fertigation with concentration 0.1-0.2%

Application rates are indicated according to general recommendations. For the exact rate determination, we recommend conducting a soil analysis



Wonder Leaf MgS 25-50

FOLIAR FERTILIZER

♦ Type: Crystalline

♦ Packaging: 20 kg

♦ Plant development phases and fertilization rates:

	Winter and spring rapeseed	BBCH 13-19 (Leaves rosette formation) 3-4 kg/ha	BBCH 31-39 (Stem formation) 3-4 kg/ha	BBCH 51-59 (Budding) 3-4 kg/ha
	Sugar beet	BBCH 14-18 (4-8 leaves) 3-4 kg/ha	BBCH 19 (10 and more leaves) 3-4 kg/ha	BBCH 31-39 (Closure of rows) 3-4 kg/ha
	Sunflower	BBCH 14-16 (4-6 leaves) 3-4 kg/ha	BBCH 18-19 (8 and more leaves) 3-4 kg/ha	
	Corn	BBCH 14-16 (4-6 leaves) 3-4 kg/ha	BBCH 18-19 (8 and more leaves) 3-4 kg/ha	
19 %	Soybean, bean	BBCH 13-19 (3 and more true leaves) 3-4 kg/ha	BBCH 51-59 (Budding) 3-4 kg/ha	BBCH 71-79 (Fruit and seeds formation) 3-4 kg/ha
	Potato	BBCH 31-39 (Closure of rows) 3-4 kg/ha	BBCH 51-59 (Budding) 3-4 kg/ha	
	Vegetable	2-3 weeks after planting seedlings 3-4 kg/ha	BBCH 51-59 (Budding) 3-4 kg/ha	
	Winter and spring cereal	BBCH 21-29 (Tillering) 3-4 kg/ha	BBCH 31-36 (Stem elongation) 3-4 kg/ha	BBCH 37-39 (Flag leaf stage) 3-4 kg/ha
5	Fruit and berry trees	BBCH 51-59 (Budding) 3-4 kg/ha	BBCH 67-69 (End of flowering, ovary formation) 3-4 kg/ha r the exact rate determination, we recomm	BBCH 71-79 (Fruit formation and growth) 3-4 kg/ha

♦ Storage conditions:



♦ Composition:

Mg0	25%	SO ₃	50%	Mn	0,03%
		1			J

Wonder Leaf MgS 25-50

Crystalline Magnesi with micro elements

Mg0 25

w@nder Your future harvest in this package

water soluble

Magnesium oxide Sulfur trioxide Manganese water soluble

water soluble

- ♦ Its crystalline form quickly and completely dissolves through the plants' leaves
- ◆ Increases the effect of assimilation of nitrogen and phosphorus fertilizers (spring-summer period) and phosphorus (autumn-spring period). Neutralizes the influence of biuret during of foliar plants treatment with carbamide.
- Participates in the intensity of the photosynthesis process. Helps to accumulate sugars, improves quality of flowering, increases the fruits palatability, increases harvest volume.
- ♦ Hydrous pH 1% solution: 8,95



Wonder Leaf Violet

FOLIAR FERTILIZER

♦ Type: Crystalline

♦ Packaging: 25 kg

♦ Plant development phases and fertilization rates:

	Winter and spring rapeseed	BBCH 13-19 (Leaves rosette formation) 2-3 kg/ha	BBCH 31-39 (Stem formation) 2-3 kg/ha	BBCH 51-59 (Budding) 2-3 kg/ha
	Sugar beet	BBCH 14-18 (4-8 leaves) 2-3 kg/ha	BBCH 19 (10 and more leaves) 2-3 kg/ha	BBCH 31-39 (Closure of rows) 2-3 kg/ha
<u>+</u>	Sunflower	BBCH 14-16 (4-6 leaves) 2-3 kg/ha	BBCH 18-19 (8 and more leaves) 2-3 kg/ha	
	Corn	BBCH 14-16 (4-6 leaves) 2-3 kg/ha	BBCH 18-19 (8 and more leaves) 2-3 kg/ha	
√9 }}%	Soybean, bean	BBCH 13-19 (3 and more true leaves) 2-3 kg/ha	BBCH 51-59 (Budding) 2-3 kg/ha	BBCH 71-79 (Fruit and seeds formation) 2-3 kg/ha
	Potato	BBCH 31-39 (Closure of rows) 2-4 kg/ha	BBCH 51-59 (Budding) 2-4 kg/ha	
	Vegetable	2-3 weeks after planting seedlings 2-4 kg/ha	BBCH 51-59 (Budding) 2-4 kg/ha	
	Winter and spring cereal	BBCH 21-29 (Tillering) 2-3 kg/ha	BBCH 31-36 (Stem elongation) 2-3 kg/ha	BBCH 37-39 (Flag leaf stage) 2-3 kg/h a
Ö	Fruit and berry trees	BBCH 51-59 (Budding) 2-3 kg/ha	BBCH 67-69 (End of flowering, ovary formation) 2-4 kg/ha	BBCH 71-79 (Fruit formation and growth) 2-4 kg/ha

♦ Storage conditions:



♦ Composition:

N 30% P ₂ O ₅ 10% K ₂ O	10%
--	-----

Wonder Leaf Violet

N P-0- K-0 30 10 10

50» No 15 0,5

Crystalline water soluble fertilizer for foliar application

Wonder
Your future harvest in this package

Total Nitrogen

Phosphorus pentoxide water soluble

Potassium oxide water soluble

25KG

SO₃ | 15% | Mo | 0,5%

Sulfur trioxide Molybdenum water soluble water soluble

- → The complex formula is created with an increased content of easily accessible nitrogen, which assimilates fast, creating a quick start.
- → Improves plant growth processes. Increases the coloring of the leaf surface, causing an increase in the photosynthesis process.
- → The ratio of nitrogen to sulfur is 5:1, which increases the assimilation of nitrogen several times. Molybdenum activates the nitrogen exchange in crops.

♦ Hydrous pH 1% solution: 5,5

Used for all crops when fertigation with concentration 0.1-0.2%

Application rates are indicated according to general recommendations. For the exact rate determination, we recommend conducting a soil analysis



Wonder Leaf Blue

FOLIAR FERTILIZER

♦ Type: Crystalline

♦ Packaging: 25 kg

♦ Plant development phases and fertilization rates:

	Winter and spring rapeseed	BBCH 13-19 (Leaves rosette formation) 2-3 kg/ha	BBCH 31-39 (Stem formation) 2-3 kg/ha	BBCH 51-59 (Budding) 2-3 kg/ha
	Sugar beet	BBCH 14-18 (4-8 leaves) 2-3 kg/ha	BBCH 19 (10 and more leaves) 2-3 kg/ha	BBCH 31-39 (Closure of rows) 2-3 kg/ha
	Sunflower	BBCH 14-16 (4-6 leaves) 2-3 kg/ha	BBCH 18-19 (8 and more leaves) 2-3 kg/ha	
	Corn	BBCH 14-16 (4-6 leaves) 2-3 kg/ha	BBCH 18-19 (8 and more leaves) 2-3 kg/ha	
1000	Soybean, bean	BBCH 13-19 (3 and more true leaves) 2-3 kg/ha	BBCH 51-59 (Budding) 2-3 kg/ha	BBCH 71-79 (Fruit and seeds formation) 2-3 kg/ha
	Potato	BBCH 31-39 (Closure of rows) 2-4 kg/ha	BBCH 51-59 (Budding) 2-4 kg/ha	
	Vegetable	2-3 weeks after planting seedlings 2-4 kg/ha	BBCH 51-59 (Budding) 2-4 kg/ha	
	Winter and spring cereal	BBCH 21-29 (Tillering) 2-3 kg/ha	BBCH 31-36 (Stem elongation) 2-3 kg/ha	BBCH 37-39 (Flag leaf stage) 2-3 kg/ha
9	Fruit and berry trees Application rates are indicated as	BBCH 51-59 (Budding) 2-4 kg/ha coording to general recommendations. Fo	BBCH 67-69 (End of flowering, ovary formation) 2-4 kg/ha I the exact rate determination, we recome	mend conducting a soil analysis

♦ Storage



conditions:

♦ Composition:

10% P_2O_5 53% K_2O 10%

w@nder

Total Nitrogen

Phosphorus pentoxide water soluble

Potassium oxide water soluble

25KG

2% Zn

Zinc chelate

◆ Multicomponent crystallized fertilizer with a high phosphorus content, as well as with such an important microelement as zinc.

Wonder Leaf Blue

N P:0: 10 53

Crystalline water soluble fertilizer for foliar application

- ◆ Increases plants resistance to low temperatures at the initial stages of growth, stimulates development and formation of plants' root systems.
- If there is an increasing of lack phosphorus content, nitrate nitrogen accumulates in plant tissues, while protein synthesis slows down simultaneously.
- ♦ Hydrous pH 1% solution: 4,5



Wonder Leaf Red

FOLIAR FERTILIZER

♦ Type: Crystalline

♦ Packaging: 25 kg

♦ Plant development phases and fertilization rates:

	Winter and spring rapeseed	BBCH 13-19 (Leaves rosette formation) 2-3 kg/ha	BBCH 31-39 (Stem formation) 2-3 kg/ha	BBCH 51-59 (Budding) 2-3 kg/ha
	Sugar beet	BBCH 14-18 (4-8 leaves) 2-3 kg/ha	BBCH 19 (10 and more leaves) 2-3 kg/ha	BBCH 31-39 (Closure of rows) 2-3 kg/ha
<u>4</u>	Sunflower	BBCH 14-16 (4-6 leaves) 2-3 kg/ha	BBCH 18-19 (8 and more leaves) 2-3 kg/ha	
	Corn	BBCH 14-16 (4-6 leaves) 2-3 kg/ha	BBCH 18-19 (8 and more leaves) 2-3 kg/ha	
J900	Soybean, bean	BBCH 13-19 (3 and more true leaves) 2-3 kg/ha	BBCH 51-59 (Budding) 2-3 kg/ha	BBCH 71-79 (Fruit and seeds formation) 2-3 kg/ha
	Potato	BBCH 31-39 (Closure of rows) 2-4 kg/ha	BBCH 51-59 (Budding) 2-4 kg/ha	
	Vegetable	2-3 weeks after planting seedlings 2-4 kg/ha	BBCH 51-59 (Budding) 2-4 kg/ha	
	Winter and spring cereal	BBCH 21-29 (Tillering) 2-3 kg/ha	BBCH 31-36 (Stem elongation) 2-3 kg/ha	BBCH 37-39 (Flag leaf stage) 2-3 kg/ha
	Fruit and berry trees	BBCH 51-59 (Budding) 2-3 kg/ha	BBCH 67-69 (End of flowering, ovary formation) 2-4 kg/ha	BBCH 71-79 (Fruit formation and growth) 2-4 kg/ha

Application rates are indicated according to general recommendations. For the exact rate determination, we recommend conducting a soil analysis

♦ Storage conditions:



♦ Composition:

N	10%	P ₂ O ₅	20%	K ₂ 0	30%
pento		Phosphor pentoxid water so	е	Potassiu water so	
S0₃	15%	B ₂ O ₃	2%		

Wonder Leaf Red

Crystalli for folia

50s B/0s 15 2

r soluble fertilizer cation

25KG

wender Your fu<mark>ture ha</mark>rvest in this package

Sulfur trioxide Total Boron water soluble

trioxide

- ◆ An efficient and fast source of food elements in available form for plants, preparation components are easily absorbed and transported into plant tissues.
- ◆ Corrects the elements deficit in plants (caused by climatic, soil and chemical factors), and is also effective in intensive cultivation technologies.
- $\begin{tabular}{lll} \begin{tabular}{lll} \begin{$ growth processes; activates self-defense plants mechanism.

♦ Hydrous pH 1% solution: 4,7



Wonder Leaf Yellow

FOLIAR FERTILIZER

♦ Type: Crystalline

♦ Packaging: 25 kg

♦ Plant development phases and fertilization rates:

	Winter and spring rapeseed	BBCH 13-19 (Leaves rosette formation) 2-3 kg/ha	BBCH 31-39 (Stem formation) 2-3 kg/ha	BBCH 51-59 (Budding) 2-3 kg/ha
	Sugar beet	BBCH 14-18 (4-8 leaves) 2-3 kg/ha	BBCH 19 (10 and more leaves) 2-3 kg/ha	BBCH 31-39 (Closure of rows) 2-3 kg/ha
	Sunflower	BBCH 14-16 (4-6 leaves) 2-3 kg/ha	BBCH 18-19 (8 and more leaves) 2-3 kg/ha	
	Corn	BBCH 14-16 (4-6 leaves) 2-3 kg/ha	BBCH 18-19 (8 and more leaves) 2-3 kg/ha	
19 9%	Soybean, bean	BBCH 13-19 (3 and more true leaves) 2-3 kg/ha	BBCH 51-59 (Budding) 2-3 kg/ha	BBCH 71-79 (Fruit and seeds formation) 2-3 kg/ha
3	Potato	BBCH 31-39 (Closure of rows) 2-4 kg/ha	BBCH 51-59 (Budding) 2-4 kg/ha	
	Vegetable	2-3 weeks after planting seedlings 2-4 kg/ha	BBCH 51-59 (Budding) 2-4 kg/ha	
	Winter and spring cereal	BBCH 21-29 (Tillering) 2-3 kg/ha	BBCH 31-36 (Stem elongation) 2-3 kg/ha	BBCH 37-39 (Flag leaf stage) 2-3 kg/ha
5	Fruit and berry trees	BBCH 51-59 (Budding) 2-3 kg/ha	BBCH 67-69 (End of flowering, ovary formation) 2-4 kg/ha	BBCH 71-79 (Fruit formation and growth) 2-4 kg/ha

Application rates are indicated according to general recommendations. For the exact rate determination, we recommend conducting a soil analysis

♦ Storage conditions:



Crystalline water soluble fertilizer for foliar application N P.O. K.O 21 21 21 Mn Zn Cu 0,5 0,5 0,5

Wonder Leaf Yellow

w@nder Your fu<mark>ture ha</mark>rvest in this package

♦ Composition:

N	21%	P ₂ O ₅	21%	K ₂ O	21%
Total Nitrogen Phosphorus pentoxide water soluble		Potassiu water so			
Cu	0,5%	Mn	0,5%	Zn	0,5%

Copper chelate Manganese chelate Zinc chelate

- ♦ A balanced universal crystalline fertilizer that is rapidly dissolving in water with a high content of available forms of macro- and microelements in a chelated form.
- → Designed for foliar feeding of most field, vegetable and garden crops during the period of intensive growth and development of plants.
- ♦ Hydrous pH 1% solution: 4,9



Wonder Leaf Orange

FOLIAR FERTILIZER

♦ Type: Crystalline

♦ Packaging: 25 kg

♦ Plant development phases and fertilization rates:

	Winter and spring rapeseed	BBCH 13-19 (Leaves rosette formation) 0,5-1 kg/ha	BBCH 31-39 (Stem formation) 0,5-1 kg/ha	After 5-7 days from the stress moment 0,5-1 kg/ha
	Sugar beet	BBCH 14-18 (4-8 leaves) 0,5-1 kg/ha	BBCH 19 (10 and more leaves) 0,5-1 kg/ha	After 5-7 days from the stress moment 0,5-1 kg/ha
<u>*************************************</u>	Sunflower	BBCH 14-16 (4-6 leaves) 0,5-1 kg/ha	BBCH 18-19 (8 and more leaves) 0,5-1 kg/ha	After 5-7 days from the stress moment 0,5-1 kg/ha
	Corn	BBCH 14-16 (4-6 leaves) 0,5-1 kg/ha	BBCH 18-19 (8 and more leaves) 0,5-1 kg/ha	After 5-7 days from the stress moment 0,5-1 kg/ha
1900	Soybean, bean	BBCH 13-19 (3 and more true leaves) 0,5-1 kg/ha	BBCH 51-59 (Budding) 0,5-1 kg/ha	After 5-7 days from the stress moment 0,5-1 kg/ha
	Potato	BBCH 31-39 (Closure of rows) 0,5-1 kg/ha	BBCH 51-59 (Budding) 0,5-1 kg/ha	After 5-7 days from the stress moment 0,5-1 kg/ha
	Vegetable	2-3 weeks after planting seedlings 0,5-1 kg/ha	BBCH 51-59 (Budding) 0,5-1 kg/ha	After 5-7 days from the stress moment 0,5-1 kg/ha
	Winter and spring cereal	BBCH 21-29 (Tillering) 0,5-1 kg/ha	BBCH 31-36 (Stem elongation) 0,5-1 kg/ha	After 5-7 days from the stress moment 0,5-1 kg/ha
Ö	Fruit and berry trees	BBCH 51-59 (Budding) 0,5-1 kg/ha	BBCH 67-69 (End of flowering, ovary formation) 0,5-1 kg/ha	After 5-7 days from the stress moment 0,5-1 kg/ha

♦ Storage conditions:



♦ Composition:

V Composition:					
P ₂ O ₅	7 %	K ₂ O	5%	S0₃	16%
Phosphorus pentoxide water soluble				Sulfur trioxide water soluble	
В	0,5%	Zn	6%	Cu	5%
Boron wat	er soluble	Zinc wate	r soluble	Copper wat	er soluble
Мо	0,05%	Fe	2%	Mn	4%
Molybdenum water soluble		Iron water so	luble	Manganes water so	e luble
Amino acids	18%	 Vegetable origin			

- → This microcrystalline formula was created for grain crops, during their development they are in the biggest stress conditions.
- → During the period of intensive growth or under negative influence of stress factors, intake of amino acids from the outside allows plant to accelerate metabolic processes without spending additional energy on its own synthesis.
- ♦ Hydrous pH 1% solution: 3

Application rates are indicated according to general recommendations. For the exact rate determination, we recommend conducting a soil analysis



Wonder Leaf Green

FOLIAR FERTILIZER

♦ Type: Crystalline

♦ Packaging: 25 kg

♦ Plant development phases and fertilization rates:

	Winter and spring rapeseed	BBCH 13-19 (Leaves rosette formation) 0,5-1 kg/ha	BBCH 31-39 (Stem formation) 0,5-1 kg/ha	After 5-7 days from the stress moment 0,5-1 kg/ha
	Sugar beet	BBCH 14-18 (4-8 leaves) 0,5-1 kg/ha	BBCH 19 (10 and more leaves) 0,5-1 kg/ha	After 5-7 days from the stress moment 0,5-1 kg/ha
<u>*************************************</u>	Sunflower	BBCH 14-16 (4-6 leaves) 0,5-1 kg/ha	BBCH 18-19 (8 and more leaves) 0,5-1 kg/ha	After 5-7 days from the stress moment 0,5-1 kg/ha
	Corn	BBCH 14-16 (4-6 leaves) 0,5-1 kg/ha	BBCH 18-19 (8 and more leaves) 0,5-1 kg/ha	After 5-7 days from the stress moment 0,5-1 kg/ha
	Soybean, bean	BBCH 13-19 (3 and more true leaves) 0,5-1 kg/ha	BBCH 51-59 (Budding) 0,5-1 kg/ha	After 5-7 days from the stress moment 0,5-1 kg/ha
	Potato	BBCH 31-39 (Closure of rows) 0,5-1 kg/ha	BBCH 51-59 (Budding) 0,5-1 kg/ha	After 5-7 days from the stress moment 0,5-1 kg/ha
	Vegetable	2-3 weeks after planting seedlings 0,5-1 kg/ha	BBCH 51-59 (Budding) 0,5-1 kg/ha	After 5-7 days from the stress moment 0,5-1 kg/ha
	Winter and spring cereal	BBCH 21-29 (Tillering) 0,5-1 kg/ha	BBCH 31-36 (Stem elongation) 0,5-1 kg/ha	After 5-7 days from the stress moment 0,5-1 kg/ha
8	Fruit and berry trees	BBCH 51-59 (Budding) 0,5-1 kg/ha	BBCH 67-69 (End of flowering, ovary formation) 0,5-1 kg/ha	After 5-7 days from the stress moment 0,5-1 kg/ha

♦ Storage conditions:



Wonder Leaf Green soluble fertilizer for folia cation Cu Mo 2 8,05

wander Your future harvest in this package

7% 5% P₂O₅ K_20 **S0**₃ 16% Potassium oxide Sulfur trioxide

Phosphorus pentoxide water soluble

B

♦ Composition:

water soluble water soluble 2% Zn Cu

Boron water soluble Zinc water soluble Copper water soluble

0,05% 2% Mo Fe Mn

Molybdenum water soluble

Iron water soluble Manganese water soluble

2%

4%

Amino 15% acids

2%

Vegetable origin

- Amino acids act as a protective mechanism in the presence of unfavorable factors, since they are quickly included in the metabolic process as their own.
- This microcrystalline formula is created for dicotyledons and corn, nitrogen-free formula does not provoke growth processes, which is necessary for plants before going out during winter period.
- ♦ Hydrous pH 1% solution: 3,4



Wonder Leaf Pink

FOLIAR FERTILIZER

♦ Type: Crystalline

♦ Packaging: 20 kg

♦ Plant development phases and fertilization rates:

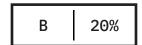
	Winter and spring rapeseed	BBCH 13-19 (Leaves rosette formation) 0,5-1 kg/ha	BBCH 31-39 (Stem formation) 0,5-1 kg/ha	BBCH 51-59 (Budding) 0,5-1 kg/ha
	Sugar beet	BBCH 14-18 (4-8 leaves) 0,5-1 kg/ha	BBCH 19 (10 and more leaves) 0,5-1 kg/ha	BBCH 31-39 (Closure of rows) 0,5-1 kg/ha
<u>\$</u>	Sunflower	BBCH 14-16 (4-6 leaves) 0,5-1 kg/ha	BBCH 18-19 (8 and more leaves) 0,5-1 kg/ha	
	Corn	BBCH 14-16 (4-6 leaves) 0,5-1 kg/ha	BBCH 18-19 (8 and more leaves) 0,5-1 kg/ha	
(O }%	Soybean, bean	BBCH 13-19 (3 and more true leaves) 0,5-1 kg/ha	BBCH 51-59 (Budding) 0,5-1 kg/ha	BBCH 71-79 (Fruit and seeds formation) 0,5-1 kg/ha
5	Potato	BBCH 31-39 (Closure of rows) 1-2 kg/ha	BBCH 51-59 (Budding) 1-2 kg/ha	
Die 1	Vegetable	2-3 weeks after planting seedlings 1-2 kg/ha	BBCH 51-59 (Budding) 1-2 kg/ha	
	Winter and spring cereal	BBCH 21-29 (Tillering) 0,5-1 kg/ha	BBCH 31-36 (Stem elongation) 0,5-1 kg/ha	BBCH 37-39 (Flag leaf stage) 1 kg/ha
5	Fruit and berry trees	BBCH 51-59 (Budding) 1-2 kg/ha	BBCH 67-69 (End of flowering, ovary formation) 1-3 kg/ha	BBCH 71-79 (Fruit formation and growth) 1-3 kg/ha

Application rates are indicated according to general recommendations. For the exact rate determination, we recommend conducting a soil analysis

♦ Storage conditions:



♦ Composition:



Boron water soluble

→ Highly concentrated boron fertilizer. Crystalline form and high solubility in water makes it convenient for storage and usage.

Wonder Leaf Pink

20

Crystalline water soluble fertilizer for foliar application

20KG

Wonder
Your future harvest in this package

- → It allows to get high harvests and protect plants from a lack of boron (heart and root rot of beets, cracking of the rapeseed root, low sugar content, weak flowering and fruit binding, sterility of pollen, bean dropping, necrosis, etc.).
- → Fertilizer increases harvest of all crops, improves its quality, increases winter durability of winter crops, accelerates fruits` ripening.
- ♦ Hydrous pH 1% solution: 8,5





Wonder Leaf Mono B 11

FOLIAR FERTILIZER

♦ Type: Liquid

◆ Packaging: 1 1, 5 1, 20 1, 1000 1

♦ Plant development phases and fertilization rates:

ð	Winter and spring rapeseed	BBCH 13-19 (Leaves rosette formation) 1-2 1/ha	BBCH 31-39 (Stem formation) 1-2 l/ha	BBCH 51-59 (Budding) 1-2 1/ha
	Sugar beet	BBCH 14-18 (4-8 leaves) 1-2 1/ha	BBCH 19 (10 and more leaves) 1-2 l/ha	BBCH 31-39 (Closure of rows) 1-2 1/ha
} -	Sunflower	BBCH 14-16 (4-6 leaves) 1-2 l/ha	BBCH 18-19 (8 and more leaves) 1-2 1/ha	BBCH 31-39 (Stem formation) 1-2 l/ha
7	Corn	BBCH 14-16 (4-6 leaves) 1-1,5 1/ha	BBCH 18-19 (8 and more leaves) 1-2 1/ha	
0	Soybean, bean	BBCH 13-19 (3 and more true leaves) 1-2 l/ha	BBCH 51-59 (Budding) 1-2 l/ha	BBCH 71-79 (Fruit and seeds formation) 1-2 1/ha
	Potato	BBCH 31-39 (Closure of rows) 1-2 1/ha	BBCH 51-59 (Budding) 1-2 l/ha	
Š	Vegetable	2-3 weeks after planting seedlings 1-2 1/ha	BBCH 51-59 (Budding) 1-2 l/ha	
7575	Winter and spring cereal	BBCH 21-29 (Tillering) 1-2 1/ha	BBCH 31-36 (Stem elongation) 1-2 1/ha	BBCH 37-39 (Flag leaf stage) 1-2 l/ha
	Fruit and berry trees	BBCH 51-59 (Budding) 1-3 1/ha	BBCH 67-69 (End of flowering, ovary formation) 1-3 1/ha	In the autumn period after harvesting 1-3 l/ha

Application rates are indicated according to general recommendations. For the exact rate determination, we recommend conducting a soil analysis



♦ Composition:		w/v, %	w/w, %	g/l
Boron	В	15,1	11,0	150,7
Total Nitrogen	N	6,9	5,0	68,5
Amino acids vegetable origin	Aa	1,4	1,0	13,7

- ◆ One of the most critical elements for improving the quality of flowering and pollination.
- → Increases nitrogen, calcium and other feeding parts absorption.
- ◆ Used to feed plants especially sensitive to boron deficit such as sugar beet, rapeseed, soybean, sunflower, fruit trees, vegetable, potato.

♦ Contains phytohormones and polysaccharides



Wonder Leaf Mono B 120

FOLIAR FERTILIZER

(low pH)

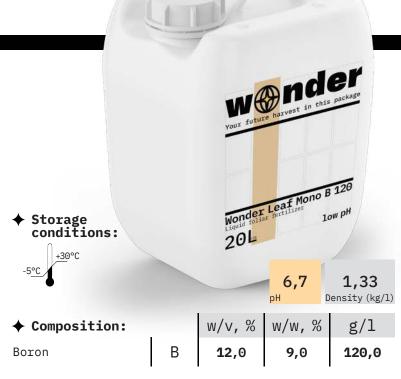
♦ Type: Liquid

◆ Packaging: 1 1, 5 1, 20 1, 1000 1

♦ Plant development phases and fertilization rates:

	Winter and spring rapeseed	BBCH 13-19 (Leaves rosette formation) 1-2 1/ha	BBCH 31-39 (Stem formation) 1-2 l/ha	BBCH 51-59 (Budding) 1-2 l/ha
	Sugar beet	BBCH 14-18 (4-8 leaves) 1-2 1/ha	BBCH 19 (10 and more leaves) 1-2 1/ha	BBCH 31-39 (Closure of rows) 1-2 l/ha
4	Sunflower	BBCH 14-16 (4-6 leaves) 1-2 1/ha	BBCH 18-19 (8 and more leaves) 1-2 1/ha	BBCH 31-39 (Stem formation) 1-2 1/ha
	Corn	BBCH 14-16 (4-6 leaves) 1-1,5 1/ha	BBCH 18-19 (8 and more leaves) 1-2 1/ha	
	Soybean, bean	BBCH 13-19 (3 and more true leaves) 1-2 1/ha	BBCH 51-59 (Budding) 1-2 l/ha	BBCH 71-79 (Fruit and seeds formation) 1-2 1/ha
	Potato	BBCH 31-39 (Closure of rows) 1-2 l/ha	BBCH 51-59 (Budding) 1-2 l/ha	
	Vegetable	2-3 weeks after planting seedlings 1-2 1/ha	BBCH 51-59 (Budding) 1-2 l/ha	
	Winter and spring cereal	BBCH 21-29 (Tillering) 1-2 1/ha	BBCH 31-36 (Stem elongation) 1-2 1/ha	BBCH 37-39 (Flag leaf stage) 1-2 l/ha
Ö	Fruit and berry trees	BBCH 51-59 (Budding) 1-3 1/ha	BBCH 67-69 (End of flowering, ovary formation) 1-3 1/ha	In the autumn period after harvesting 1-3 l/ha

Application rates are indicated according to general recommendations. For the exact rate determination, we recommend conducting a soil analysis



- ♦ Boron pH 6.7 works well in high pH water.
- → Improves formation of generative organs of plants, increases growth processes in buds and young leaves.
- Significantly increases the harvest and improves quality of the grain. Content of sugar and vitamin C increases in fruit and berry trees.

♦ Contains phytohormones, polysaccharides and amino acids



Wonder Leaf Mono P 30

FOLIAR FERTILIZER

♦ Type: Liquid

◆ Packaging: 1 1, 5 1, 20 1, 1000 1

♦ Plant development phases and fertilization rates:

3	Winter and spring rapeseed	BBCH 13-19 (Leaves rosette formation) 1-2 1/ha	BBCH 31-39 (Stem formation) 1-2 l/ha	BBCH 51-59 (Budding) 1-3 1/ha
	Sugar beet	BBCH 14-18 (4-8 leaves) 1-2 1/ha	BBCH 19 (10 and more leaves) 1-2 1/ha	BBCH 31-39 (Closure of rows) 1-2 1/ha
} -	Sunflower	BBCH 14-16 (4-6 leaves) 1-2 l/ha	BBCH 18-19 (8 and more leaves) 1-2 1/ha	
7	Corn	BBCH 14-16 (4-6 leaves) 1-2 l/ha	BBCH 18-19 (8 and more leaves) 1-2 1/ha	
0	Soybean, bean	BBCH 13-19 (3 and more true leaves) 1-2 l/ha	BBCH 51-59 (Budding) 1-2 l/ha	BBCH 71-79 (Fruit and seeds formation) 1-2 1/ha
)	Potato	BBCH 31-39 (Closure of rows) 1-2 1/ha	BBCH 51-59 (Budding) 1-2 l/ha	
Š	Vegetable	2-3 weeks after planting seedlings 1 l/ha	BBCH 51-59 (Budding) 1-2 l/ha	
2000	Winter and spring cereal	BBCH 21-29 (Tillering) 1-2 1/ha	BBCH 31-36 (Stem elongation) 1-2 1/ha	
	Fruit and berry trees	BBCH 51-59 (Budding) 1-2 1/ha	BBCH 67-69 (End of flowering, ovary formation) 2-3 1/ha	In the autumn period after harvesting 1 l/ha



♦ Composition:		w/v, %	w/w, %	g/l
Phosphorus pentoxide	P ₂ O ₅	41,1	30,0	411,0
Total Nitrogen	N	5,5	4,0	54,8
Boron	В	0,7	0,5	6,9
Zinc chelate	Zn	0,7	0,5	6,9
Amino acids vegetable origin	Aa	1,4	1,0	13,7
Organic acids	0a	5,5	4,0	54,8

- ◆ Essential in the early stages of plant growth stimulates development of root system.
- → Prevents phosphorus, boron and zinc deficit.
- → Stimulates processes of flowering and beginning of generative organs.
- **♦** Contains phytohormones and polysaccharides

Used for all crops when fertigation with concentration 0.1-0.2%

Application rates are indicated according to general recommendations. For the exact rate determination, we recommend conducting a soil analysis



Wonder Leaf Amino 43

FOLIAR FERTILIZER

★ Type: Liquid

◆ Packaging: 1 1, 5 1, 20 1, 1000 1

♦ Plant development phases and fertilization rates:

	Winter and spring rapeseed	BBCH 13-19 (Leaves rosette formation) 0,5-1 l/ha	BBCH 31-39 (Stem formation) 0,5-1 1/ha	After 5-7 days from the stress moment 0,5-1 1/ha
n D	Sugar beet	BBCH 14-18 (4-8 leaves) 0,5-1 1/ha	BBCH 19 (10 and more leaves) 0,5-1 1/ha	After 5-7 days from the stress moment 0,5-1 l/ha
	Sunflower	BBCH 14-16 (4-6 leaves) 0,5-1 1/ha	BBCH 18-19 (8 and more leaves) 0,5-1 1/ha	After 5-7 days from the stress moment 0,5-1 1/ha
	Corn	BBCH 14-16 (4-6 leaves) 0,5-1 1/ha	BBCH 18-19 (8 and more leaves) 0,5-1 l/ha	After 5-7 days from the stress moment 0,5-1 1/ha
(© }%	Soybean, bean	BBCH 13-19 (3 and more true leaves) 0,5-1 l/ha	BBCH 51-59 (Budding) 0,5-1 l/ha	After 5-7 days from the stress moment 0,5-1 1/ha
3	Potato	BBCH 31-39 (Closure of rows) 0,5-1 l/ha	BBCH 51-59 (Budding) 0,5-1 1/ha	After 5-7 days from the stress moment 0,5-1 l/ha
	Vegetable	2-3 weeks after planting seedlings 0,5-1 1/ha	BBCH 51-59 (Budding) 0,5-1 1/ha	After 5-7 days from the stress moment 0,5-1 1/ha
3	Winter and spring cereal	BBCH 21-29 (Tillering) 0,5-1 l/ha	BBCH 31-36 (Stem elongation) 0,5-1 l/ha	After 5-7 days from the stress moment 0,5-1 l/ha
5	Fruit and berry trees	BBCH 51-59 (Budding) 0,5-1 l/ha	BBCH 67-69 (End of flowering, ovary formation) 0,5-1 1/ha	After 5-7 days from the stress moment 0,5-1 1/ha



- ◆ Increases absorption capacity of plants, as a result, they can use nutrients from soil and fertilizers more efficiently.
- → Helps the rapid acceleration of overcoming possible stresses in plants: the effects of frost, hail, the action of herbicides.
- → For fruit and flower crops, grapes, vegetable crops of the family Solanaceae and pumpkin, flowering is a sensitive phase, since amino acids not only increase the fertility of pollen grains, but also prolong the life of the pistil's stigma, increasing fertilization

♦ Contains phytohormones, polysaccharides and adhesive



Wonder Leaf Mono Cu 6

FOLIAR FERTILIZER

♦ Type: Liquid

◆ Packaging: 1 1, 5 1, 20 1, 1000 1

♦ Plant development phases and fertilization rates:

	Winter and spring rapeseed	BBCH 13-19 (Leaves rosette formation) 1 1/ha	BBCH 31-39 (Stem formation) 1 1/ha
	Sugar beet	BBCH 14-18 (4-8 leaves) 1 l/ha	BBCH 19 (10 and more leaves) 1 l/ha
	Sunflower	BBCH 14-16 (4-6 leaves) 1 l/ha	BBCH 18-19 (8 and more leaves) 1 l/ha
	Corn	BBCH 14-16 (4-6 leaves) 1 l/ha	BBCH 18-19 (8 and more leaves) 1 l/ha
(9)00	Soybean, bean	BBCH 13-19 (3 and more true leaves) 1 l/ha	BBCH 51-59 (Budding) 1 1/ha
5	Potato	BBCH 31-39 (Closure of rows) 1 1/ha	BBCH 51-59 (Budding) 1 1/ha
	Vegetable	2-3 weeks after planting seedlings 1 l/ha	BBCH 51-59 (Budding) 1 1/ha
	Winter and spring cereal	BBCH 21-29 (Tillering) 1 l/ha	BBCH 31-36 (Stem elongation) 1 1/ha
5	Fruit and berry trees	BBCH 51-59 (Budding) 1 1/ha	BBCH 67-69 (End of flowering, ovary formation) 1 1/ha



♦ Composition:		w/v, %	w/w, %	g/l
Copper chelate	Cu	7,4	6,0	74,4
Total Nitrogen	N	6,2	5,0	62,0
Sulfur trioxide	S0₃	8,7	7,0	86,8
Amino acids vegetable origin	Aa	3,1	2,5	31,0
Organic acids	0a	2,5	2,0	24,8

- → Plays an important role in processes of respiration, photosynthesis, carbon redistribution, fixation and restoration of nitrogen, metabolism of cell walls and protein.
- → Influences the permeability of the xylem receptacle to water and controls the moisture balance.
- → Significantly affects the mechanisms of resistance to various diseases.

♦ Contains phytohormones, polysaccharides and adhesive



Wonder Leaf Mono Mn 11

FOLIAR FERTILIZER

♦ Type: Liquid

♦ Packaging: 1 1, 5 1, 20 1, 1000 1

♦ Plant development phases and fertilization rates:

	Winter and spring rapeseed	BBCH 13-19 (Leaves rosette formation) 1 1/ha	BBCH 31-39 (Stem formation) 1 1/ha	
	Sugar beet	BBCH 14-18 (4-8 leaves) 1 l/ha	BBCH 19 (10 and more leaves) 1 l/ha	BBCH 31-39 (Closure of rows) 1 1/ha
<u>4</u>	Sunflower	BBCH 14-16 (4-6 leaves) 1 l/ha	BBCH 18-19 (8 and more leaves) 1 l/ha	
	Corn	BBCH 14-16 (4-6 leaves) 1 l/ha	BBCH 18-19 (8 and more leaves) 1 l/ha	
9%	Soybean, bean	BBCH 13-19 (3 and more true leaves) 1 1/ha	BBCH 51-59 (Budding) 1 1/ha	BBCH 71-79 (Fruit and seeds formation) 1 1/ha
	Potato	BBCH 31-39 (Closure of rows) 1 1/ha	BBCH 51-59 (Budding) 1 1/ha	
	Vegetable	2-3 weeks after planting seedlings 1 l/ha	BBCH 51-59 (Budding) 1 1/ha	
	Winter and spring cereal	BBCH 21-29 (Tillering) 1 1/ha	BBCH 31-36 (Stem elongation) 1 1/ha	
%	Fruit and berry trees 'Application rates are indicated a	BBCH 51-59 (Budding) 1 1/ha coording to general recommendations. Fo	BBCH 67-69 (End of flowering, ovary formation) 1 1/ha r the exact rate determination, we recomm	In the autumn period after harvesting 1 l/ha lend conducting a soil analysis



♦ Composition:	w/v, %	w/w, %	g/l	
Manganese chelate	Mn	15,5	11,0	155,1
Total Nitrogen	N	2,8	2,0	28,2
Sulfur trioxide	S0₃	14,1	10,0	141,0
Amino acids vegetable origin	Aa	2,0	1,4	19,7

- → Improves processes of photosynthesis, which leads to increase of carbohydrates content in the plant, especially in the root part.
- ◆ Enhances acceleration of the overall plants development.
- ◆ Maintains the moisture-holding capacity of plant tissue and reduces moisture transpiration.
- Contains phytohormones, polysaccharides and adhesive



Wonder Leaf Mono Zn 8

FOLIAR FERTILIZER

★ Type: Liquid

→ Packaging: 1 1, 5 1, 20 1, 1000 1

♦ Plant development phases and fertilization rates:

	Winter and spring rapeseed	BBCH 13-19 (Leaves rosette formation) 1 1/ha	BBCH 31-39 (Stem formation) 1 1/ha	
	Sugar beet	BBCH 14-18 (4-8 leaves) 1 l/ha	BBCH 19 (10 and more leaves) 1 l/ha	
<u>\$</u>	Sunflower	BBCH 14-16 (4-6 leaves) 1 1/ha	BBCH 18-19 (8 and more leaves) 1 l/ha	
	Corn	BBCH 14-16 (4-6 leaves) 1 1/ha	BBCH 18-19 (8 and more leaves) 1 l/ha	
∲% }%	Soybean, bean	BBCH 13-19 (3 and more true leaves) 1 1/ha	BBCH 51-59 (Budding) 1 1/ha	
	Potato	BBCH 31-39 (Closure of rows) 1 1/ha	BBCH 51-59 (Budding) 1 1/ha	
	Vegetable	2-3 weeks after planting seedlings 1 l/ha	BBCH 51-59 (Budding) 1 1/ha	
	Winter and spring cereal	BBCH 21-29 (Tillering) 1 1/ha	BBCH 31-36 (Stem elongation) 1 1/ha	
5	Fruit and berry trees	BBCH 51-59 (Budding) 1 1/ha	BBCH 67-69 (End of flowering, ovary formation) 1 1/ha	In the autumn period after harvesting 1 l/ha



♦ Composition:		w/v, %	w/w, %	g/l
Zinc chelate	Zn	10,6	8,0	106,4
Total Nitrogen	N	6,7	5,0	66,5
Sulfur trioxide	S0₃	13,3	10,0	133,0
Amino acids vegetable origin	Aa	3,3	2,5	33,3
Organic acids	0a	10,6	8,0	106,4

- ◆ Chelated zinc is recommended primarily for foliar feeding of corn, bean, fruit trees, as well as cereal and vegetable.
- ✦ Helps in metabolism and many enzymatic processes. It causes the production of growth hormones from the auxin group (necessary in the early stages of development).
- ♠ An optimal zinc supplying to plants affects the protein and sugar content.
- ★ Contains phytohormones, polysaccharides and adhesive



Wonder Leaf Mono Fe 10

FOLIAR FERTILIZER

♦ Type: Liquid

◆ Packaging: 1 1, 5 1, 20 1, 1000 1

♦ Plant development phases and fertilization rates:

3	Winter and spring rapeseed	BBCH 13-19 (Leaves rosette formation) 0,5-1 l/ha	BBCH 31-39 (Stem formation) 0,5-1 1/ha	Case of deficiency signs 0,5-1 1/ha
	Sugar beet	BBCH 14-18 (4-8 leaves) 0,5-1 1/ha	BBCH 19 (10 and more leaves) 0,5-1 l/ha	Case of deficiency signs 0,5-1 l/ha
}	Sunflower	BBCH 14-16 (4-6 leaves) 0,5-1 1/ha	BBCH 18-19 (8 and more leaves) 0,5-1 l/ha	Case of deficiency sings 0,5-1 l/ha
7	Corn	BBCH 14-16 (4-6 leaves) 0,5-1 1/ha	BBCH 18-19 (8 and more leaves) 0,5-1 l/ha	Case of deficiency signs 0,5-1 l/ha
0	Soybean, bean	BBCH 13-19 (3 and more true leaves) 0,5-1 l/ha	BBCH 51-59 (Budding) 0,5-1 1/ha	Case of deficiency signs 0,5-1 l/ha
Ó	Potato	BBCH 31-39 (Closure of rows) 0,5-1 l/ha	BBCH 51-59 (Budding) 0,5-1 1/ha	Case of deficiency signs 0,5-1 l/ha
	Vegetable	2-3 weeks after planting seedlings 0,5-1 1/ha	BBCH 51-59 (Budding) 0,5-1 1/ha	Case of deficiency signs 0,5-1 l/ha
10000	Winter and spring cereal	BBCH 21-29 (Tillering) 0,5-1 l/ha	BBCH 31-36 (Stem elongation) 0,5-1 l/ha	Case of deficiency signs 0,5-1 1/ha
	Fruit and berry trees	BBCH 51-59 (Budding) 0,5-1 1/ha	BBCH 67-69 (End of flowering, ovary formation) 0,5-1 l/ha	Case of deficiency signs 0,5-1 1/ha



♦ Composition:		w/v, %	w/w, %	g/l
Iron chelate	Fe	12,0	8,8	119,7
Total Nitrogen	N	6,0	4,4	59,8
Sulfur trioxide	S0₃	16,3	12,0	163,2

- → Iron is concentrated in chloroplasts, which contributes photosynthesis intensity.
- → Increases the transportation of nutrients from the roots to the plants shoots along the xylem.
- → It has a positive effect on the physiological processes in plant tissues, which leads to increase in their growth and development, and as a result increase in harvesting.

◆ Contains phytohormones, polysaccharides and adhesive



Wonder Leaf Mono Ca 14

FOLIAR FERTILIZER

♦ Type: Liquid

→ Packaging: 1 1, 5 1, 20 1, 1000 1

♦ Plant development phases and fertilization rates:

Fruit and berry trees

BBCH 69-77 (The formed germ is visible - 70% of the fruits have reached the species / variety-typical size, 4-6 times during the phases) **4-6 1/ha**



♦ Composition:		w/v, %	w/w, %	g/l
Calcium oxide	Ca0	20,0	14,0	200,2
Total Nitrogen	N	11,4	8,0	114,4
Magnesium oxide	Mg0	2,9	2,0	28,6

- → Strengthens the metabolism and the normal course of biochemical processes in plants.
- → Calcium, together with pectin substances, glues the walls of individual cells together, which counteracts diseases and mechanical influences.
- → Influences the development of the root system formation of root filaments.

♦ Contains phytohormones, polysaccharides and adhesive



Wonder Leaf Mono Mo 3

FOLIAR FERTILIZER

♦ Type: Liquid

◆ Packaging: 1 1, 5 1, 20 1, 1000 1

♦ Plant development phases and fertilization rates:

	Winter and spring rapeseed	BBCH 13-19 (Leaves rosette formation) 0,3-0,6 l/ha	BBCH 31-39 (Stem formation) 0,3-0,6 1/ha
	Sugar beet	BBCH 14-18 (4-8 leaves) 0,3-0,6 l/ha	BBCH 19 (10 and more leaves) 0,3-0,6 1/ha
	Sunflower	BBCH 14-16 (4-6 leaves) 0,2-0,5 l/ha	BBCH 18-19 (8 and more leaves) 0,2-0,5 1/ha
	Corn	BBCH 14-16 (4-6 leaves) 0,2-0,5 l/ha	BBCH 18-19 (8 and more leaves) 0,2-0,5 l/ha
€ 900 900	Soybean, bean	BBCH 13-19 (3 and more true leaves) 0,5-0,8 1/ha	BBCH 51-59 (Budding) 0,2-0,5 1/h a
3	Potato	BBCH 31-39 (Closure of rows) 0,3-0,6 1/ha	BBCH 51-59 (Budding) 0,3-0,6 1/ha
	Vegetable	2-3 weeks after planting seedlings 0,2-0,5 1/ha	BBCH 51-59 (Budding) 0,2-0,5 1/ha
	Winter and spring cereal	BBCH 21-29 (Tillering) 0,2-0,5 l/ha	BBCH 31-36 (Stem elongation) 0,2-0,5 l/ha
*	Fruit and berry trees	BBCH 51-59 (Budding) 0,2-0,5 l/ha	BBCH 67-69 (End of flowering, ovary formation) 0,2-0,5 1/ha



♦ Composition:		w/v, %	w/w, %	g/l
Molybdenum	Мо	3,5	3,0	34,5
Total Nitrogen	N	3,5	3,0	34,5
Boron	В	0,6	0,5	5,8
Zinc chelate	Zn	0,6	0,5	5,8
Amino acids vegetable origin	Aa	4,9	4,3	49,5
Organic acids	0a	17,3	15,0	172,5

- → Plays an important role in fixing N₂ and reducing nitric oxide NO₃, as well as in phosphorus and protein metabolism.
- → Plants become more resistant to low temperatures and water deficit. Increases pollen production.
- ◆ Enhances root system growth, accelerates vegetation and activates nodule bacteria.



Wonder Leaf Wonder Micro

FOLIAR FERTILIZER

♦ Type: Liquid

◆ Packaging: 1 1, 5 1, 20 1, 1000 1

♦ Plant development phases and fertilization rates:

3	Winter and spring rapeseed	BBCH 13-19 (Leaves rosette formation) 2-3 1/ha	BBCH 31-39 (Stem formation) 2-3 1/ha	BBCH 51-59 (Budding) 2-3 1/ha
)	Sugar beet	BBCH 14-18 (4-8 leaves) 2-3 1/ha	BBCH 19 (10 and more leaves) 2-3 1/ha	BBCH 31-39 (Closure of rows) 2-3 1/ha
	Sunflower	BBCH 14-16 (4-6 leaves) 2-3 1/ha	BBCH 18-19 (8 and more leaves) 2-3 1/ha	
	Corn	BBCH 14-16 (4-6 leaves) 2-3 1/ha	BBCH 18-19 (8 and more leaves) 2-3 1/ha	
•	Soybean, bean	BBCH 13-19 (3 and more true leaves) 2-3 1/ha	BBCH 51-59 (Budding) 2-3 1/ha	BBCH 71-79 (Fruit and seeds formation) 2-3 1/ha
)	Potato	BBCH 31-39 (Closure of rows) 2-3 l/ha	BBCH 51-59 (Budding) 2-3 1/ha	
, 3	Vegetable	2-3 weeks after planting seedlings 2-3 1/ha	BBCH 51-59 (Budding) 2-3 1/ha	
7	Winter and spring cereal	BBCH 21-29 (Tillering) 2-3 1/ha	BBCH 31-36 (Stem elongation) 2-3 1/ha	BBCH 37-39 (Flag leaf stage) 2-3 l/ha
)	Fruit and berry trees	BBCH 51-59 (Budding) 2-3 1/ha	BBCH 67-69 (End of flowering, ovary	BBCH 71-79 (Fruit and seeds

♦ Composition:	w/v, %	w/w, %	g/l	
Total Nitrogen	N	5,1	4,0	51,2
Magnesium oxide	Mg0	5,1	4,0	51,2
Sulfur trioxide	S0 ₃	12,8	10,0	128,0
Boron	В	0,6	0,5	6,4
Copper chelate	Cu	0,6	0,5	6,4
Zinc chelate	Zn	0,6	0,5	6,4
Iron chelate	Fe	0,8	0,6	7,7
Manganese chelate	Mn	1,2	0,9	11,5
Amino acids vegetable origin	Aa	6,7	5,2	66,6
Organic acids	0a	6,4	5,0	64,0

- → Due to the high content of amino acids and phytohormones, it effectively stimulates metabolic processes in the plant organism.
- Provides increase in the quantitative and qualitative indicators of plant productivity.

♦ Contains phytohormones, polysaccharides and adhesive

Seed treatment 1.5 1/t of seed material
Used for all crops when fertigation with concentration 0.1-0.2%

Application rates are indicated according to general recommendations. For the exact rate determination, we recommend conducting a soil analysis

formation) **2-4 1/ha**

formation) 2-4 1/ha



Wonder Leaf Wonder Macro

FOLIAR FERTILIZER

♦ Type: Liquid

◆ Packaging: 1 1, 5 1, 20 1, 1000 1

♦ Plant development phases and fertilization rates:

) D	Winter and spring rapeseed	BBCH 13-19 (Leaves rosette formation) 2-4 1/ha	BBCH 31-39 (Stem formation) 2-4 1/ha	BBCH 51-59 (Budding) 2-4 1/ha
	Sugar beet	BBCH 14-18 (4-8 leaves) 4-5 1/ha	BBCH 19 (10 and more leaves) 4-5 1/ha	BBCH 31-39 (Closure of rows) 4-5 1/ha
	Sunflower	BBCH 14-16 (4-6 leaves) 2-4 1/ha	BBCH 18-19 (8 and more leaves) 2-4 1/ha	BBCH 31-39 (Stem formation) 2-4 1/ha
	Corn	BBCH 14-16 (4-6 leaves) 4-5 l/ha	BBCH 18-19 (8 and more leaves) 4-5 1/ha	
00	Soybean, bean	BBCH 13-19 (3 and more true leaves) 2-4 l/ha	BBCH 51-59 (Budding) 2-4 1/ha	BBCH 71-79 (Fruit and seeds formation) 2-4 1/ha
5	Potato	BBCH 31-39 (Closure of rows) 4-5 1/ha	BBCH 51-59 (Budding) 4-5 1/ha	
	Vegetable	2-3 weeks after planting seedlings 4-5 1/ha	BBCH 51-59 (Budding) 4-5 1/ha	
	Winter and spring cereal	BBCH 21-29 (Tillering) 2-4 1/ha	BBCH 31-36 (Stem elongation) 2-4 1/ha	BBCH 37-39 (Flag leaf stage) 2-4 l/ha
5	Fruit and berry trees	BBCH 51-59 (Budding) 4-5 1/ha	BBCH 67-69 (End of flowering, ovary formation) 4-5 1/ha	BBCH 71-79 (Fruit and seeds formation) 4-5 1/ha

Application rates are indicated according to general recommendations. For the exact rate determination, we recommend conducting a soil analysis



♦ Composition:	w/v, %	w/w, %	g/l	
Total Nitrogen	N	12,5	10,0	125,0
Phosphorus pentoxide	P ₂ O ₅	12,5	10,0	125,0
Potassium oxide	K ₂ 0	12,5	10,0	125,0
Magnesium oxide	Mg0	0,6	0,5	6,3
Amino acids vegetable origin	Aa	3,8	3,0	37,5
Organic acids	0a	1,3	1,0	12,5

- Quickly solves the problem of nutritional deficit and phytohormone imbalances.
- Reconstructs the vitality of damaged plants, stimulates growth processes during the growing season.
- → Improves plant resistance to stress factors and extreme weather conditions.
- ◆ Contains zinc, boron, molybdenum, copper, iron, manganese, phytohormones, polysaccharides and adhesive



Wonder Leaf Grass

FOLIAR FERTILIZER

♦ Type: Liquid

♦ Packaging: 5 1, 20 1

♦ Application rates:

Apply immediately after sowing and within three weeks with interval of 1 time / week after sowing

1 1 / two hundredth of hectare

To keep your lawn in good condition

 ${f 1}$ ${f 1}$ / one hundredth of a hectare

To remove the lawn after stress factors and increase the maximum effect of green lawn – $\bf 1\,1\,$ / $\bf 0,5\,$ hundredth of hectare

- → In order to get top-notch results, spring nutrition with fertilizer is a
 must have. Don't forget to keep good lawn condition in summer as well.
 In the fall, you need to take care of the condition of those lawns that
 have suffered from heat for better wintering.
- For lawns, it is better to use liquid fertilizers with an effective formula containing macroelements, microelements and amino acids. It is worth noting that their applying is much more convenient when watering the grass or using a proper container, connected to a hose.
- → Fertilizer Wonder Leaf Grass is intended for use on sports grounds of various purposes, personal plots landscape designing with use of decorative foliage plants.

Number of treatments depends on condition of plants. It is recommended to apply the product after each lawn move.



♦ Composition:	w/v, %	w/w, %	g/l	
Total Nitrogen	N	12,0	10,0	120,0
Phosphorus pentoxide	P ₂ O ₅	6,0	5,0	60,0
Potassium oxide	K ₂ 0	3,6	3,0	36,0
Magnesium oxide	Mg0	3,6	3,0	36,0
Sulfur trioxide	S0 ₃	15,6	13,0	156,0
Zinc chelate	Zn	0,8	0,7	8,4
Boron	В	0,4	0,3	3,6
Iron chelate	Fe	0,1	0,1	1,2
Copper chelate	Cu	0,06	0,05	0,6
Manganese chelate	Mn	0,06	0,05	0,6
Molybdenum	Мо	0,06	0,05	0,6
Amino acids vegetable origin	Aa	3,6	3,0	36,0



Regulations for foliar fertilizers application

- → If the dew is abundant, it is better to postpone spraying until the water droplets on the plants are dry. If the dew is «weak», the treatment can be carried out, but it is necessary to increase the concentration of preparations and reduce the rate of consumption of the working solution to a minimum.
- → Application **temperature** is indicated in its instructions on the label. We recommend not spraying at temperatures below +10°C and above +25°C.
- ♦ We do not recommend spraying at wind speeds more than 5-7 m/s.
- → Do not exceed the recommended application rates and concentrations of the preparation working solution, specified in the instructions for use.
- → The composition of the tank mixture for spraying should not contain more than 4-5 components.



- → Do not mix calcium preparations with sulfur, phosphorus, potassium and magnesium.
- → Do not mix preparations with strongly acidic and alkaline reactions in uterine solutions, pre-mix in small quantities.
- → Sulfur-containing preparations should not be mixed with oils and oil-containing substances.
- ◆ Do not mix PPP with microfertilizers without first mixing them in a separate container.
- → Do not mix borate preparations with oils, oily liquids, lime and preparations containing amino acids.
- ◆ Do not mix microfertilizers with copper- and sulfur-based fungicides. It is recommended that the tank mixture be tested for compatibility in advance.













Adjuvants







Wonder Aqua Regular pH

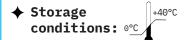
ADJUVANT- WATER REGULATOR (RIGIDITY AND PH)

★ Type: Liquid

♦ Packaging: 1 1, 5 1, 10 1

◆ Usage:

- ◆ Analysis of main problems associated with the working solution effectiveness confirms that high rigidity of water is the main reason for decreasing of PPP and fertilizers effectiveness. Due to the fact that metal ions react with active substance molecule, which leads to chemical formula changes, and in some cases to the appearance of insoluble residue. The unique multi-component formula provides solution to the main problems (rigidity and ph) as soon as possible and makes water an ideal base for any pesticides.
- → It greatly reduces and controls the pH level and improves the water quality of the working solution.
- → Thanks to the complete and irreversible isolation of toxic ions such as calcium and magnesium contained in rigidity water, it softens it.
- → It prevents pesticides and agrochemicals alkaline hydrolysis (destruction).
- → Improves solubility and increases pesticides and fertilizers compatibility in the working solution. Increases their efficiency.

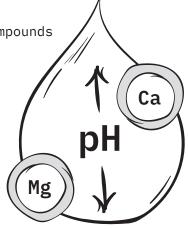




♦ 95% of success depends on the right spray water

◆ Composition: Nitrogen- and phosphorus-containing compounds

♠ Application rates: 10-30 ml/100 l of water



♦ Action visualization



Wonder Aqua True Cover

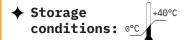
ORGANOSILICONE NONIONIC ADJUVANT-SPREADER

♦ Type: Liquid

♦ Packaging: 1 1, 5 1, 10 1

♦ Usage:

- ◆ Under adverse weather conditions, such as drought and low temperatures, leaf stomata is closed, and only the usage of surfactants allows PPP and fertilizers to penetrate the leaf and provide fulfillment of their tasks.
- → Thanks to the molecular structure of surfactants (bipolar structure consisting of hydrophilic and lipophilic parts), there is high-quality coating of the leaf surface of all plant species, regardless of wetting index for each type.
- → In case of prolonged rains, when the preparations are washed off the leaves, usage of surfactants allows rapid penetration into the leaf without efficiency loss and the desired result is achieved.
- → It does not remove the wax coating of plants, which helps to protect crops from environmental factors during the period of PPP application and foliar feeding of plants.





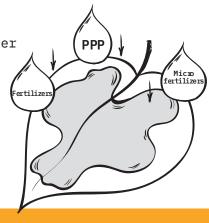
♦ Increases the pesticides and agrochemicals effectiveness

♦ Composition:

Modified polyester trisiloxane 100

♦ Application rates:

35-45 ml/100 l of water



♦ Action visualization



Wonder Aqua Stick

ADJUVANT-ADHESIVE

♦ Type: Liquid

♦ Packaging: 1 1, 5 1, 10 1

♦ Usage:

- → The active component forms a thin film on the plants surface. Thanks to which the active herbicide ingredients stay longer on the leaves and faster penetrate into weed, thus reducing the amount of preparation used.
- → Use with herbicides of continuous and selective action, as well as herbicides, which include antidote.
- → Removes the wax coating of plants, which accelerates the herbicides absorption action.
- → Guarantees working solution adhesion and improves contact with the main preparation (PPP) on waxy and pubescent surfaces (many crops have waxy or pubescent cuticular layer, which during processing can repel the working solution or promote slipping drops).

♦ Storage +40°C conditions: 0°C



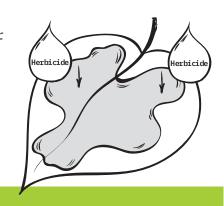
→ Increases the pesticides and agrochemicals effectiveness

♦ Composition:

90% isodecyl alcohol ethoxylate (alpha-isodecylomega-hydroxypoly (oxyethylene))

♦ Application rates:

100 ml/100 l of water



♦ Action visualization

Plant nutrition schemes









Fertilizer application rates and recommendation for rapeseed

			4	(A)	
Seed processing	BBCH 13-19 Leaves rosette formation		BBCH 13-19 Leaves rosette and stem formation	BBCH 51-59 Budding	BBCH 71-79 Fruit and seeds formation
Agrochemical soil analysis onder Leaf Wonder Micro 1,5 1/t of seeds	 ♦ Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha* ♦ Wonder Leaf Blue 2-3 kg/ha* Wonder Leaf Mono P 30 1-2 1/ha* ♦ Wonder Leaf Pink 0,5-1 kg/ha** Wonder Leaf Mono B 11 1-2 1/ha** Wonder Leaf Mono B 120 1-2 1/ha** Wonder Leaf Wonder Micro 2-3 1/ha** ♦ Wonder Leaf Amino 43 0,5-1 1/ha*** Wonder Leaf Orange 0,5-1 kg/ha*** Wonder Leaf Green 0,5-1 kg/ha*** 	Winter anabiosis period	 ♦ Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha* ♦ Wonder Leaf Blue 2-3 kg/ha* Wonder Leaf Mono P 30 1-2 1/ha* ♦ Wonder Leaf Red 2-3 kg/ha** Wonder Leaf Wonder Macro 2-4 1/ha** ♦ Wonder Leaf Pink 0,5-1 kg/ha* Wonder Leaf Mono B 11 1-2 1/ha* Wonder Leaf Mono Mo 3 0,3-0,6 kg/ha** Wonder Leaf Mono Mn 11 1 1/ha** Wonder Leaf Wonder Micro 2-3 1/ha** Wonder Leaf Orange 0,5-1 kg/ha*** Wonder Leaf Green 	 ♦ Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha* ♦ Wonder Leaf Red 2-3 kg/ha* Wonder Leaf Yellow 2-3 kg/ha* Wonder Leaf Wonder Macro 2-4 1/ha* ♦ Wonder Leaf Wonder Micro 2-3 1/ha** ♦ Wonder Leaf Pink 0,5-1 kg/ha* Wonder Leaf Mono B 11 1-2 1/ha* Wonder Leaf Mono B 120 1-2 1/ha* ♦ Wonder Leaf Amino 43 0,5-1 1/ha** Wonder Leaf Orange 0,5-1 kg/ha*** Wonder Leaf Green 0,5-1 kg/ha*** 	 ♦ Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha* ♦ Wonder Leaf Red 2-3 kg/ha* Wonder Leaf Yellow 2-3 kg/ha* ♦ Wonder Leaf Wonder Micro 2-3 1/ha**

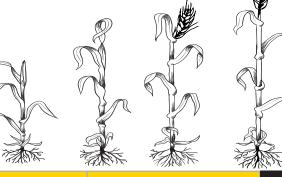
To exact determination and calculation the required amount of fertilizer application, it is recommended to conduct soil agrochemical analysis, taking into account the planned yield indicators

0,5-1 kg/ha***

[◆] Fertilizers are to choose from

^{*} One of fertilizers is required ** One of fertilizers is applied based to customer preference *** One of fertilizers is necessary to restore plants after negative environmental influence We recommend to discuss nutritional special aspects with your regional manager

Fertilizer application rates and recommendation for grain crops



			J. Jakes	ACULT MANIA	TANK TANK	1814
Seed BBCH 13-1	_9	BBCH 13-19	BBCH 31-36	BBCH 37-39	BBCH 71-79	
processing Tillering	5	Vegetation-bushing reproduction	Output to the tube	Flagshape leaf	Fruit and seeds formation	
Wonder Leaf Wonder Leaf Wonder Micz 2-3 1/ha** Wonder Leaf Yellow 2-3 kg/Wonder Leaf Wonder Maci 2-3 kg/Wonder Leaf Wonder Maci 2-4 1/ha* Wonder Leaf Wonder Leaf Wonder Leaf Monder Lea	't anabiosis period	 Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha* Wonder Leaf Yellow 2-3 kg/ha* Wonder Leaf Blue 2-3 kg/ha* Wonder Leaf Mono P 30 1-2 1/ha* Wonder Leaf Wonder Micro 2-3 kg/ha** Wonder Leaf Mono Cu 6 1 1/ha** Wonder Leaf Mono Mn 11 1 1/ha** Wonder Leaf Amino 43 0,5-1 1/ha*** Wonder Leaf Orange 0,5-1 kg/ha*** Wonder Leaf Green 0,5-1 kg/ha*** 	 ♦ Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha* ♦ Wonder Leaf Red 2-3 kg/ha* Wonder Leaf Yellow 2-3 kg/ha* Wonder Leaf Wonder Macro 2-4 1/ha* ♦ Wonder Leaf Mono Zn 8 1 1/ha* ♦ Wonder Leaf Mono Cu 6 1 1/ha** Wonder Leaf Mono Cu 6 1 1/ha** ♦ Wonder Leaf Mono Mn 11 1 1/ha** Wonder Leaf Mono Mn 11 0,5-1 1/ha*** Wonder Leaf Orange 0,5-1 kg/ha*** Wonder Leaf Green 0,5-1 kg/ha*** 	 ♦ Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha* ♦ Wonder Leaf Red 2-3 kg/ha* Wonder Leaf Yellow 2-3 kg/ha* Wonder Leaf Wonder Macro 2-4 1/ha* ♦ Wonder Leaf Wonder Micro 2-3 kg/ha*** Wonder Leaf Mono Mn 11 1 1/ha*** Wonder Leaf Amino 43 0,5-1 1/ha*** Wonder Leaf Orange 0,5-1 kg/ha*** Wonder Leaf Green 0,5-1 kg/ha*** 	 ♦ Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha* ♦ Wonder Leaf Red 2-3 kg/ha* Wonder Leaf Yellow 2-3 kg/ha* ♦ Wonder Leaf Wonder Micro 2-3 l/ha** 	Agrochemical soil analysis

[◆] Fertilizers are to choose from

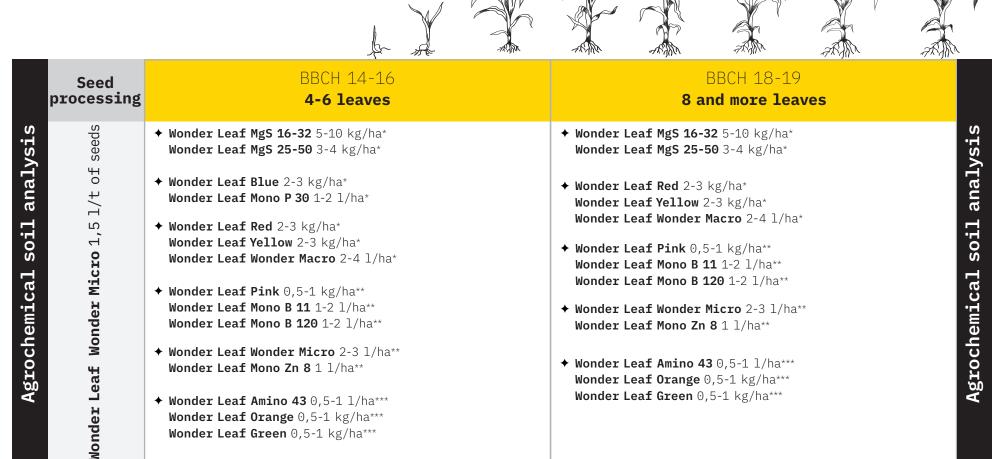
^{*} One of fertilizers is required ** One of fertilizers is applied based to customer preference *** One of fertilizers is necessary to restore plants after negative environmental influence We recommend to discuss nutritional special aspects with your regional manager



Fertilizer application rates and recommendation for

♦ Wonder Leaf Amino 43 0.5-1 1/ha*** Wonder Leaf Orange 0,5-1 kg/ha*** Wonder Leaf Green 0,5-1 kg/ha***

corn



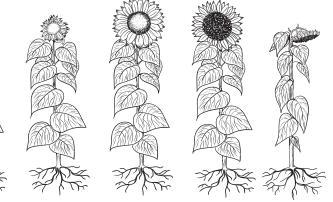
To exact determination and calculation the required amount of fertilizer application, it is recommended to conduct soil agrochemical analysis, taking into account the planned yield indicators

Wonder Leaf Orange 0,5-1 kg/ha*** Wonder Leaf Green 0.5-1 kg/ha***

[◆] Fertilizers are to choose from

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Fertilizer application rates and recommendation for sunflower



Seed processing	BBCH 14-16 4-6 leaves	BBCH 18-19 8 and more leaves	
Agrochemical soil analysis Wonder Leaf Wonder Micro 1,5 1/t of seeds	 ♦ Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha* ♦ Wonder Leaf Blue 2-3 kg/ha* Wonder Leaf Mono P 30 1-2 l/ha* ♦ Wonder Leaf Red 2-3 kg/ha* Wonder Leaf Yellow 2-3 kg/ha* Wonder Leaf Wonder Macro 2-4 l/ha* ♦ Wonder Leaf Pink 0,5-1 kg/ha** Wonder Leaf Mono B 11 1-2 l/ha** Wonder Leaf Mono B 120 1-2 l/ha** ♦ Wonder Leaf Wonder Micro 2-3 l/ha** Wonder Leaf Mono Zn 8 1 l/ha** ♦ Wonder Leaf Amino 43 0,5-1 l/ha*** Wonder Leaf Orange 0,5-1 kg/ha*** Wonder Leaf Green 0,5-1 kg/ha*** 	 Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha* Wonder Leaf Red 2-3 kg/ha* Wonder Leaf Yellow 2-3 kg/ha* Wonder Leaf Wonder Macro 2-4 l/ha* Wonder Leaf Pink 0,5-1 kg/ha** Wonder Leaf Mono B 11 1-2 l/ha** Wonder Leaf Mono B 120 1-2 l/ha** Wonder Leaf Wonder Micro 2-3 l/ha** Wonder Leaf Mono Zn 8 1 l/ha** Wonder Leaf Green 0,5-1 kg/ha*** 	Agrochemical soil analysis

[◆] Fertilizers are to choose from

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soybeans

Fertilizer application rates and recommendation for

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on	for			
1 Ja				

Seed processing	BBCH 13-19 3 and more true leaves	BBCH 51-59 Budding	BBCH 71-79 Fruit and seeds formation	
Agrochemical soil analysis Wonder Leaf Wonder Micro 1,5 1/t of seeds	 ♦ Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha* ♦ Wonder Leaf Red 2-3 kg/ha* Wonder Leaf Blue 2-3 kg/ha* Wonder Leaf Mono P 30 1-2 1/ha* ♦ Wonder Leaf Mono Mo 3 0,3-0,6 1/ha* ♦ Wonder Leaf Pink 0,5-1 kg/ha** Wonder Leaf Mono B 11 1-2 1/ha** Wonder Leaf Mono B 120 1-2 1/ha** ♦ Wonder Leaf Wonder Micro 2-3 1/ha** Wonder Leaf Mono Zn 8 1 1/ha** ♦ Wonder Leaf Amino 43 0,5-1 1/ha*** Wonder Leaf Orange 0,5-1 kg/ha*** Wonder Leaf Green 0,5-1 kg/ha*** 	 ♦ Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf Red 3-4 kg/ha* ♦ Wonder Leaf Yellow 2-3 kg/ha* Wonder Leaf Wonder Macro 2-4 l/ha* ♦ Wonder Leaf Mono Mo 3 0,3-0,6 l/ha** Wonder Leaf Pink 0,5-1 kg/ha** Wonder Leaf Mono B 11 1-2 l/ha** Wonder Leaf Mono B 120 1-2 l/ha** Wonder Leaf Mono To S 1 l/ha** ♦ Wonder Leaf Mono To S 1 l/ha** Wonder Leaf Mono Zn S 1 l/ha** Wonder Leaf Mono Lough Micro 2-3 l/ha** Wonder Leaf Mino A3 0,5-1 l/ha*** Wonder Leaf Orange 0,5-1 kg/ha*** Wonder Leaf Green 0,5-1 kg/ha*** 	 ♦ Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha* ♦ Wonder Leaf Red 2-3 kg/ha* Wonder Leaf Yellow 2-3 kg/ha* ♦ Wonder Leaf Wonder Micro 2-3 l/ha** 	Agrochemical soil analysis

[◆] Fertilizers are to choose from

^{*} One of fertilizers is required ** One of fertilizers is applied based to customer preference *** One of fertilizers is necessary to restore plants after negative environmental influence We recommend to discuss nutritional special aspects with your regional manager

Fertilizer application rates and

recommendation for potato and root crops

7''		

		- Ψ		
Seed processing	BBCH 14-18 4-8 leaves	BBCH 19 10 and more leaves	BBCH 31-39 Closing ranges	
Agrochemical soil analysis Wonder Leaf Wonder Micro 1,5 1/t of seeds	 ♦ Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha* ♦ Wonder Leaf Blue 2-3 kg/ha* Wonder Leaf Mono P 30 1-2 1/ha* Wonder Leaf Red 2-3 kg/ha* ♦ Wonder Leaf Wonder Micro 2-3 1/ha** Wonder Leaf Mono Mo 3 0,3-0,6 1/ha** Wonder Leaf Mono Mn 11 1 1/ha** ♦ Wonder Leaf Pink 0,5-1 kg/ha** Wonder Leaf Mono B 11 1-2 1/ha** Wonder Leaf Mono B 120 1-2 1/ha** Wonder Leaf Amino 43 0,5-1 1/ha*** Wonder Leaf Orange 0,5-1 kg/ha*** Wonder Leaf Green 0,5-1 kg/ha*** 	 ♦ Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha* ♦ Wonder Leaf Red 2-3 kg/ha* Wonder Leaf Yellow 2-3 kg/ha* Wonder Leaf Wonder Macro 4-5 1/ha* ♦ Wonder Leaf Wonder Micro 2-3 1/ha** Wonder Leaf Mono Mn 11 1 1/ha** Wonder Leaf Mono Zn 8 1 1/ha** Wonder Leaf Orange 0,5-1 1/ha*** Wonder Leaf Green 0,5-1 kg/ha*** Wonder Leaf Green 0,5-1 kg/ha*** 	 ♦ Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha* ♦ Wonder Leaf Red 2-3 kg/ha* Wonder Leaf Yellow 2-3 kg/ha* Wonder Leaf Wonder Macro 4-5 l/ha* ♦ Wonder Leaf Wonder Micro 2-3 l/ha** ♦ Wonder Leaf Pink 0,5-1 kg/ha** Wonder Leaf Mono B 11 1-2 l/ha** Wonder Leaf Mono B 120 1-2 l/ha** 	Agrochemical soil analysis

[◆] Fertilizers are to choose from

^{*} One of fertilizers is required ** One of fertilizers is applied based to customer preference *** One of fertilizers is necessary to restore plants after negative environmental influence We recommend to discuss nutritional special aspects with your regional manager



Fertilizer application rates

and recommendation for

sugar-beet



	•	"(k \$1)	,d)
BBCH 14-18 4-8 leaves	BBCH 19 10 and more leaves	BBCH 31-39 Closing ranges	
* Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha* * Wonder Leaf Blue 2-3 kg/ha* Wonder Leaf Mono P 30 1-2 l/ha* Wonder Leaf Yellow 2-3 kg/ha* * Wonder Leaf Pink 0,5-1 kg/ha** Wonder Leaf Mono B 11 1-2 l/ha** Wonder Leaf Mono B 120 1-2 l/ha** * Wonder Leaf Wonder Micro 2-3 l/ha** Wonder Leaf Mono Mo 3 0,3-0,6 l/ha** Wonder Leaf Mono Mn 11 1 l/ha** * Wonder Leaf Amino 43 0,5-1 l/ha*** Wonder Leaf Orange 0,5-1 kg/ha*** Wonder Leaf Orange 0,5-1 kg/ha*** Wonder Leaf Green 0,5-1 kg/ha***	 ♦ Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha* ♦ Wonder Leaf Blue 2-3 kg/ha* Wonder Leaf Red 2-3 kg/ha* Wonder Leaf Yellow 2-3 kg/ha* Wonder Leaf Wonder Macro 4-5 l/ha* ♦ Wonder Leaf Pink 0,5-1 kg/ha** Wonder Leaf Mono B 11 1-2 l/ha** Wonder Leaf Mono B 120 1-2 l/ha** ♦ Wonder Leaf Mono Micro 2-3 l/ha** Wonder Leaf Mono Mn 11 l/ha** Wonder Leaf Mono Zn 8 l/ha** Wonder Leaf Mono Mo 3 0,3-0,6 l/ha** ♦ Wonder Leaf Amino 43 0,5-1 l/ha*** Wonder Leaf Orange 0,5-1 kg/ha*** Wonder Leaf Green 0,5-1 kg/ha*** 	 ♦ Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha* ♦ Wonder Leaf Red 2-3 kg/ha* Wonder Leaf Yellow 2-3 kg/ha* Wonder Leaf Wonder Macro 4-5 l/ha* ♦ Wonder Leaf Wonder Micro 2-3 l/ha** ♦ Wonder Leaf Pink 0,5-1 kg/ha** Wonder Leaf Mono B 11 1-2 l/ha** Wonder Leaf Mono B 120 1-2 l/ha** ♦ Wonder Leaf Mono Mn 11 l/ha** 	Agrochemical soil analysis

[→] Fertilizers are to choose from

^{*} One of fertilizers is required ** One of fertilizers is applied based to customer preference *** One of fertilizers is necessary to restore plants after negative environmental influence We recommend to discuss nutritional special aspects with your regional manager

Fertilizer application rates and recommendation for

fruit trees



















analysis
soil
Agrochemical

BBCH 08-09 Green bud

- ♦ Wonder Leaf **MgS 16-32** 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha*
- ♦ Wonder Leaf Blue 2-3 kg/ha* Wonder Leaf Mono P 30 1-2 1/ha* Wonder Leaf Yellow 2-3 kg/ha*
- ♦ Wonder Leaf Wonder Micro 2-3 1/ha* Wonder Leaf Mono Fe 10 0,5-1 1/ha* Wonder Leaf Mono Zn 8 1 1/ha*
- ♦ Wonder Leaf Amino 43 0,5-1 1/ha*** Wonder Leaf Orange

0,5-1 kg/ha*** Wonder Leaf Green 0,5-1 kg/ha***

BBCH 51-59 Budding (pink bud)

- ♦ Wonder Leaf Yellow 2-3 kg/ha* Wonder Leaf Blue 2-3 kg/ha*
- ♦ Wonder Leaf Red 2-3 kg/ha*
- ♦ Wonder Leaf Pink 0,5-1 kg/ha** Wonder Leaf **Mono B 11** 1-2 1/ha** Wonder Leaf **Mono B 120** 1-2 1/ha**
- ♦ Wonder Leaf Amino 43 0,5-1 1/ha***

Wonder Leaf Orange 0,5-1 kg/ha***

Wonder Leaf Green 0,5-1 kg/ha***

BBCH 67 End of blooming

- ♦ Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha*
- ♦ Wonder Leaf Red 2-3 kg/ha* Wonder Leaf Wonder **Macro** 4-5 1/ha*
- ♦ Wonder Leaf Wonder Micro 2-3 1/ha** Wonder Leaf **Mono Zn 8** 1 1/ha*
- ◆ Wonder Leaf Pink 0.5-1 kg/ha** Wonder Leaf
 - **Mono B 11** 1-2 1/ha** Wonder Leaf Mono B 120 1-2 1/ha**
- 0.5-1 1/ha***
 - Wonder Leaf Orange 0,5-1 kg/ha**

Wonder Leaf Green 0,5-1 kg/ha**

BBCH 69 Visible fruit germ

- ♦ Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf **MgS 25-50** 3-4 kg/ha*
- **♦** Wonder Leaf Red 2-3 kg/ha* Wonder Leaf Wonder Macro 4-5 1/ha*
- **♦** Wonder Leaf Wonder **Micro** 2-3 1/ha**

BBCH 71-79 Fruit formation

- ♦ Wonder Leaf **MgS 16-32** 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha*
- ♦ Wonder Leaf Wonder Macro 4-5 1/ha* Wonder Leaf Yellow 2-3 kg/ha* Wonder Leaf Red 2-3 kg/ha*
- ♦ Wonder Leaf Wonder Micro 2-3 1/ha** Wonder Leaf **Mono Mn 11** 1 1/ha**

Mono Fe 10 0,5-1 1/ha*

Wonder Leaf

♦ Wonder Leaf Amino 43 ♦ Wonder Leaf Mono Ca 14 4-6 1/ha* Apply 4-6 times during two phases

After the harvest

- ♦ Wonder Leaf Pink 0,5-1 kg/ha** Wonder Leaf **Mono B 11** 1-2 1/ha** Wonder Leaf Mono B 120 1-2 1/ha**
- ♦ Wonder Leaf Mono Zn 8 1 1/ha*

To exact determination and calculation the required amount of fertilizer application, it is recommended to conduct soil agrochemical analysis, taking into account the planned yield indicators

◆ Fertilizers are to choose from

* One of fertilizers is required ** One of fertilizers is applied based to customer preference *** One of fertilizers is necessary to restore plants after negative environmental influence We recommend to discuss nutritional special aspects with your regional manager



Fertilizer application rates and recommendation for

pepper



Seed processing lanting seedlings leaves formation on the main shoot to the main shoot on the main sho				17/	(1) K	$\mathcal{L}(\mathcal{L}_{i})$	
MgS 16-32 5-10 kg/ha* MgS			Leaves formation		Beginning	Fruit and seeds	
Monday Took Cycon	Agrochemical soil analysi r Leaf Wonder Micro 1,5 1/t of seed	MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha* Wonder Leaf Mono P 30 1-2 1/ha* Wonder Leaf Blue 2-3 kg/ha* Wonder Leaf Yellow 2-3 kg/ha* Wonder Leaf Wonder Macro 4-5 1/ha* Wonder Leaf Wonder Micro 2-3 1/ha** Wonder Leaf Orange 0,5-1 kg/ha*** Wonder Leaf Orange 0,5-1 kg/ha*** Wonder Leaf Green	 Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha* Wonder Leaf Blue 2-3 kg/ha* Wonder Leaf Mono P 30 1-2 l/ha* Wonder Leaf Wonder Micro 2-3 l/ha** Wonder Leaf Mono Mn 11 1 l/ha*** Wonder Leaf Orange 0,5-1 kg/ha*** Wonder Leaf Green 	MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha* ◆ Wonder Leaf Yellow 2-3 kg/ha* Wonder Leaf Red 2-3 kg/ha* Wonder Leaf Wonder Macro 4-5 l/ha* ◆ Wonder Leaf Wonder Micro 2-3 l/ha** Wonder Leaf Mono Zn 8 1 l/ha** Wonder Leaf Mono Mn 11 1 l/ha** ◆ Wonder Leaf Pink 0,5-1 kg/ha** Wonder Leaf Mono B 11 1-2 l/ha** Wonder Leaf Mono B 120 1-2 l/ha** ◆ Wonder Leaf Amino 43 0,5-1 l/ha***	 ♦ Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha* ♦ Wonder Leaf Yellow 2-3 kg/ha* Wonder Leaf Red 2-3 kg/ha* Wonder Leaf Wonder Macro 4-5 l/ha* ♦ Wonder Leaf Pink 0,5-1 kg/ha** Wonder Leaf Mono B 11 1-2 l/ha** Wonder Leaf Mono Mn 11 1/ha** Wonder Leaf Mono Mn 3 0,2-0,5 l/ha** Wonder Leaf Mono Zn 8 	 Wonder Leaf MgS 16-32 5-10 kg/ha* Wonder Leaf MgS 25-50 3-4 kg/ha* Wonder Leaf Yellow 2-3 kg/ha* Wonder Leaf Red 2-3 kg/ha* Wonder Leaf Wonder Macro 4-5 l/ha* Wonder Leaf Mono P 30 1-2 l/ha** Wonder Leaf Wonder Micro 2-3 l/ha** Wonder Leaf Mono Mo 3 0,3-0,6 l/ha** Wonder Leaf Mono Ca 14 4-6 l/ha* Apply 4-6 times during 	Agrochemical soil analysi

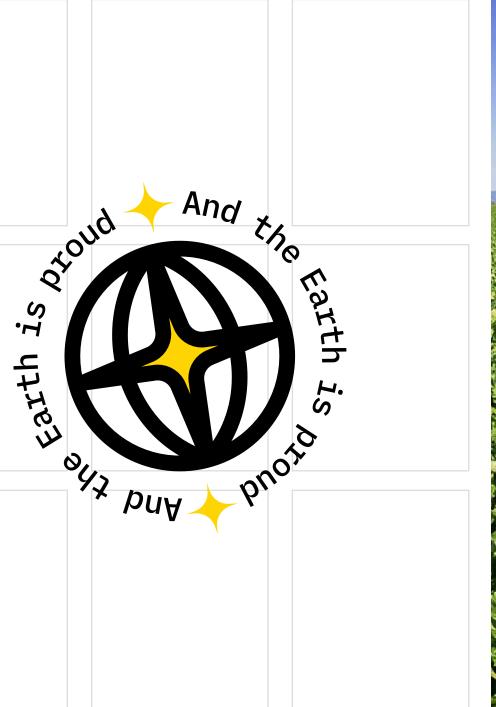
[◆] Fertilizers are to choose from

^{***} One of fertilizers is necessary to restore plants after negative environmental influence We recommend to discuss nutritional special aspects with your regional manager

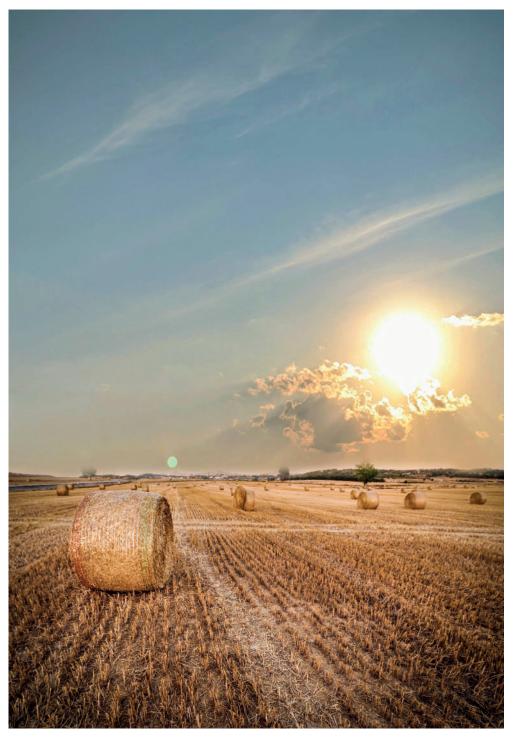
Fertilizers mixing table

Wonder Leaf B 120 (low ph)	_	+	_	-	+	+	_	+	_	-	+		Wonder Leaf	+	+	+	+	_	+	+	+	-	_	+	-	Wonder Leaf	+	+	+	+	+	+	+	
Wonder Leaf Amino 43	+	+	+	+	+	+	+	+	+	+		+	Green 													Green 								
Wonder Leaf Mono Ca 14	_	+	_	+	_	+	+	+	+		+	-	Leaf Orange	+	+	+	+	-	+	+	+	-	-	+	-	Leaf Orange	+	+	+	+	+	+		+
Wonder Leaf Mono Fe 10	_	+	+	+	_	+	+	+		+	+	-	Wonder Leaf MgS	+	+	+	+	+	+	+	+	+	_	+	_	Wonder Leaf MgS	+	+	+	+	+		+	+
Wonder Leaf Mono Mn 11	+	+	+	+	+	+	+		+	+	+	+	25-50													25-50								
Wonder Leaf Mono Zn 8	+	+	+	+	_	+		+	+	+	+	_	Wonder Leaf MgS 16-32	+	+	+	+	+	+	+	+	+	-	+	+	Wonder Leaf MgS 16-32	+	+	+	+		+	+	+
Wonder Leaf Mono Cu 6	+	+	+	+	+		+	+	+	+	+	+	Wonder Leaf Pink	+	+	+	+	+	+	+	+	_	_	+	+	Wonder Leaf Pink	+	+	+		+	+	+	+
Wonder Leaf Mono B 11	+	+	_	+		+	_	+	_	-	+	+																						
Wonder Leaf Mono Mo 3	+	+	+		+	+	+	+	+	+	+	-	Wonder Leaf Red	+	+	+	+	+	+	+	+	-	-	+	+	Wonder Leaf Red	+	+		+	+	+	+	+
Wonder Leaf Mono P 30	+	+		+	_	+	+	+	+	-	+	-	Wonder Leaf	+	+	+	+	+	+	+	+	_	_	+	+	Wonder Leaf	+		+	+	+	+	+	+
Wonder Leaf Wonder Micro	+		+	+	+	+	+	+	+	+	+	+	Yellow													Yellow								
Wonder Leaf Wonder Macro		+	+	+	+	+	+	+	_	-	+	-	Wonder Leaf Blue	+	+	+	+	+	+	+	+	-	-	+	+	Wonder Leaf Blue		+	+	+	+	+	+	+
	Wonder Leaf Wonder Macro	Wonder Leaf Wonder Micro	Wonder leaf Mono P 30	Wonder Leaf Mono Mo 3	Wonder Leaf Mono B 11	Wonder Leaf Mono Cu 6	Wonder Leaf Mono Zn 8	Wonder Leaf Mono Mn 11	Wonder Leaf Mono Fe 10	Wonder Leaf Mono Ca 14	Wonder Leaf Amino 43	Wonder Leaf B 120 (low ph)		Wonder Leaf Wonder Macro	Wonder Leaf Wonder Micro	Wonder Leaf Mono P 30	Wonder leaf Mono Mo 3	Wonder Leaf Mono B 11	Wonder Leaf Mono Cu 6	Wonder Leaf Mono Zn 8	Wonder Leaf Mono Mn 11	Wonder Leaf Mono Fe 10	Wonder Leaf Mono Ca 14	Wonder Leaf Amino 43	Wonder Leaf B 120 (low ph)		Wonder Leaf Blue	Wonder Leaf Yellow	Wonder Leaf Red	Wonder Leaf Pink	Wonder Leaf MgS 16-32	Wonder Leaf MgS 25-50	Wonder Leaf Orange	Wonder Leaf Green













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