

CHEVRI **Cu-Combi**[®]

SUSPENSION FERTILIZER WITH COPPER IN TWO
OXIDATION LEVELS

Cu^+
 Cu^{2+}

S

B

Fertilizer registered for
use in regime of organic
agriculture.



CHEVRI Cu-Combi®

CHEVRI CU-COMBI® FOLIAR FERTILIZER IS A SOURCE OF COPPER, WHICH IS PART OF MANY PROCESSES IN PLANTS.

effect already at low
copper dose



low burden for
environment



Package content: 10 l

quick solution to
copper deficiency in
field crops, fruit, vege-
tables, vines and hops



a source of copper,
which is an essential
component of many
physiological
processes in plants



New active ingredient

- **Chevreul's salt**
- patent protected - only available in **CHEVRI Cu-Combi®**

Special formulation

- developed specifically for the new active ingredient in **CHEVRI Cu-Combi®**
- optimized particle size
- stabilization of physical and chemical properties

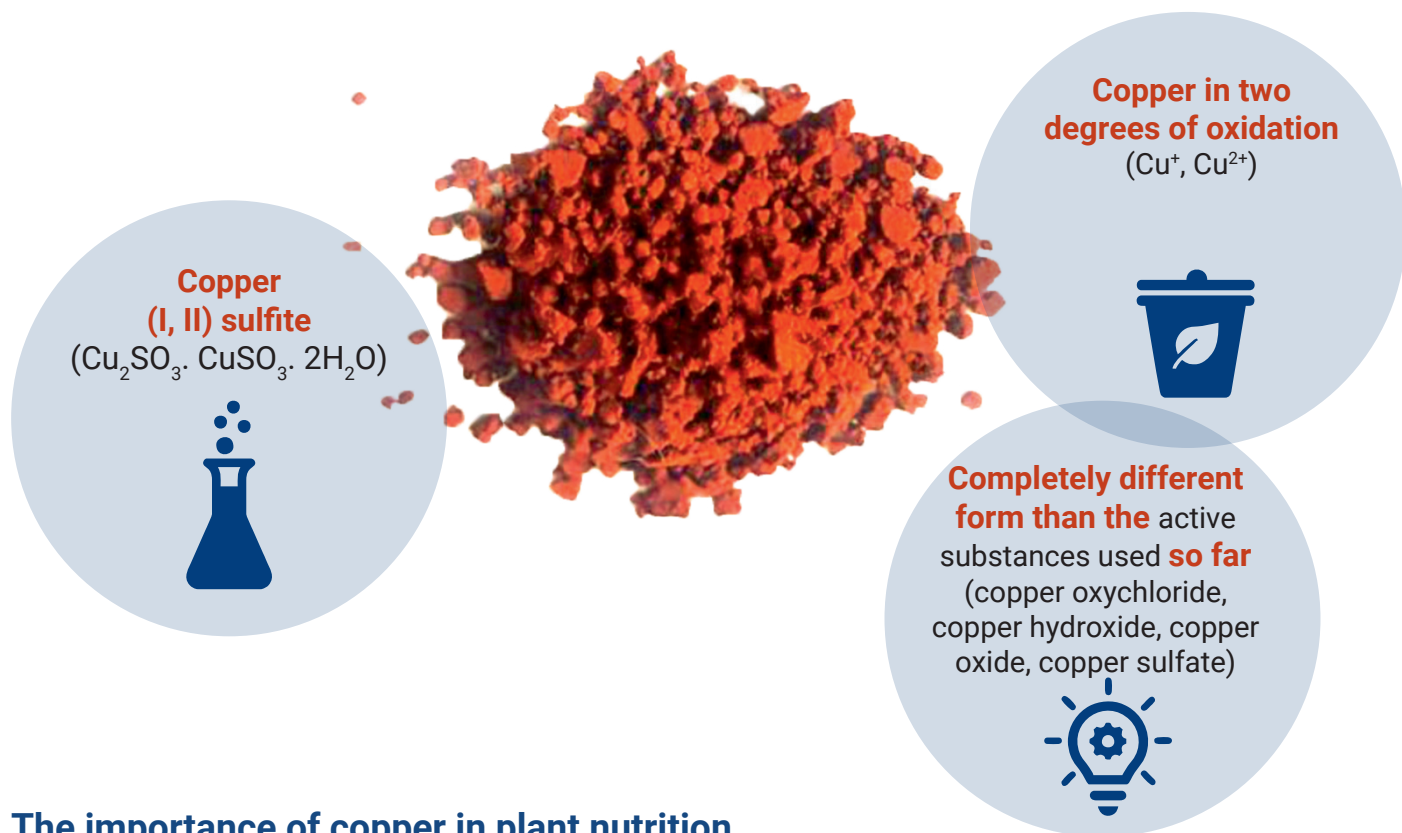
Nutrient	Content	
	(g/l)	(% w/w)
total sulfur (S)	16	1.5
total copper (Cu)	50	4.5
water-soluble boron (B)	8.5	0.75

Complex effect

- Cu, S and B nutrients support a wide range of plant physiological processes
- the anti-stress component in combination with nutrients reduces the effect of fluctuations in temperature and humidity

CHEVREUL'S SALT

A NEW FORM OF HIGHLY EFFICIENT COPPER



The importance of copper in plant nutrition

- **high amount of copper** (about 2/3 of the total content in leaves) is in chloroplasts, where it is involved in reactions necessary **for smooth photosynthesis**
- **copper is a component of many enzymatic processes** - an example is the processing of nitrate nitrogen (NO_3) in plants (nitrate reduction) - Cu is a component of nitrite reductase together with Fe
- copper **is a co-factor of** many enzymes **in protein and carbohydrate metabolism**

crop	period of application	BBCH	dose (l/ha)	water dose (l/ha)
grain	offset to the end of flowering	21 - 69	1 – 2	120 – 300
maize	from the 3rd leaf to the end of flowering	13 - 69	1 – 2	120 – 300
rapeseed, mustard, poppy, sunflower	from the 4th leaf to the end of flowering	14 - 69	1 – 2	120 – 300
potatoes	from the 3rd leaf to the end of flowering	13 - 69	1 – 2	120 – 600
sugar beet	3rd leaf up to 3 weeks before harvest	13 - 49	1 – 2	120 – 600
legumes	from the 3rd leaf to the end of flowering	13 - 69	1 – 2	150 – 300
grapevine	from the 4th leaf to the end of grape set	14 - 79	1 – 2	300 – 2000
hops	from the 3rd leaf to the end of flowering	13 - 69	1 – 2	300 – 2000
fruit vegetables	from the 3rd leaf to the end of flowering	13 - 69	1 – 2	120 – 600
root vegetables	3rd leaf up to 3 weeks before harvest	from 13	1 – 2	120 – 600
fruit cultures	on the soil or above-ground mass as needed	-	1 – 2	200 – 1000



Klára Portášiková (International Business Manager)

+420 725 537 674



AGRA GROUP a.s.
www.agra.cz
info@agra.cz

