

2021 Chemuniqué trace mineral supplementation recommendations:

# Sheep



Trace mineral	Trace mineral form	¥ Recommendation ppm (DM)			Performance benefit
		Breeding sheep	Stressed lambs	Growing lambs	
Chromium	MiCroplex®3%	-	0,40	-	<ul style="list-style-type: none"> <li>▶ Increased insulin response and nutrient storage</li> <li>▶ Improved immune function</li> <li>▶ Reduced stress</li> </ul>
Cobalt	Inorganic	-	-	-	<ul style="list-style-type: none"> <li>▶ Improved fibre digestion</li> <li>▶ Improved synthesis of Vitamin B<sub>12</sub></li> <li>▶ Improved appetite and production</li> </ul>
	CoPro®25	1	1	1	
Copper *	Inorganic	5	5	5	<ul style="list-style-type: none"> <li>▶ Increased disease resistance</li> <li>▶ Improved reproductive performance</li> <li>▶ Improved claw, hoof, and skin health</li> </ul>
Iodine	Inorganic	1	1	1	<ul style="list-style-type: none"> <li>▶ Improved energy metabolism</li> <li>▶ Improved thermoregulation</li> </ul>
Iron *	Inorganic	-	-	-	<ul style="list-style-type: none"> <li>▶ Improved oxygen transport</li> <li>▶ Improved immune response</li> </ul>
Manganese	Inorganic	-	-	-	<ul style="list-style-type: none"> <li>▶ Increased disease resistance</li> <li>▶ Improved reproductive performance</li> <li>▶ Improved claw, hoof, and skin health</li> </ul>
	Availa®Mn 80	40	40	20	
Selenium	Inorganic	0,15	0,15	0,30	<ul style="list-style-type: none"> <li>▶ Improved antioxidant activity</li> <li>▶ Improved immune function</li> <li>▶ Improved milk and meat selenium content</li> </ul>
	Availa®Se 4%	0,15	0,15	0	
Zinc	Inorganic	20	20	20	<ul style="list-style-type: none"> <li>▶ Increased immune response</li> <li>▶ Improved reproductive performance</li> <li>▶ Improved production</li> <li>▶ Improved claw, hoof, and skin health</li> </ul>
	Availa®Zn 120	60	60	60	

¥ Recommendations based on the latest research to ensure optimal performance and cost-effective production (Chemuniqué/Zinpro mineral review, September 2020).

\* Copper and iron recommendations depend on area, as well as feedstuff mineral content.

Ask your Chemuniqué consultant about the benefits of optimum trace mineral nutrition!

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