

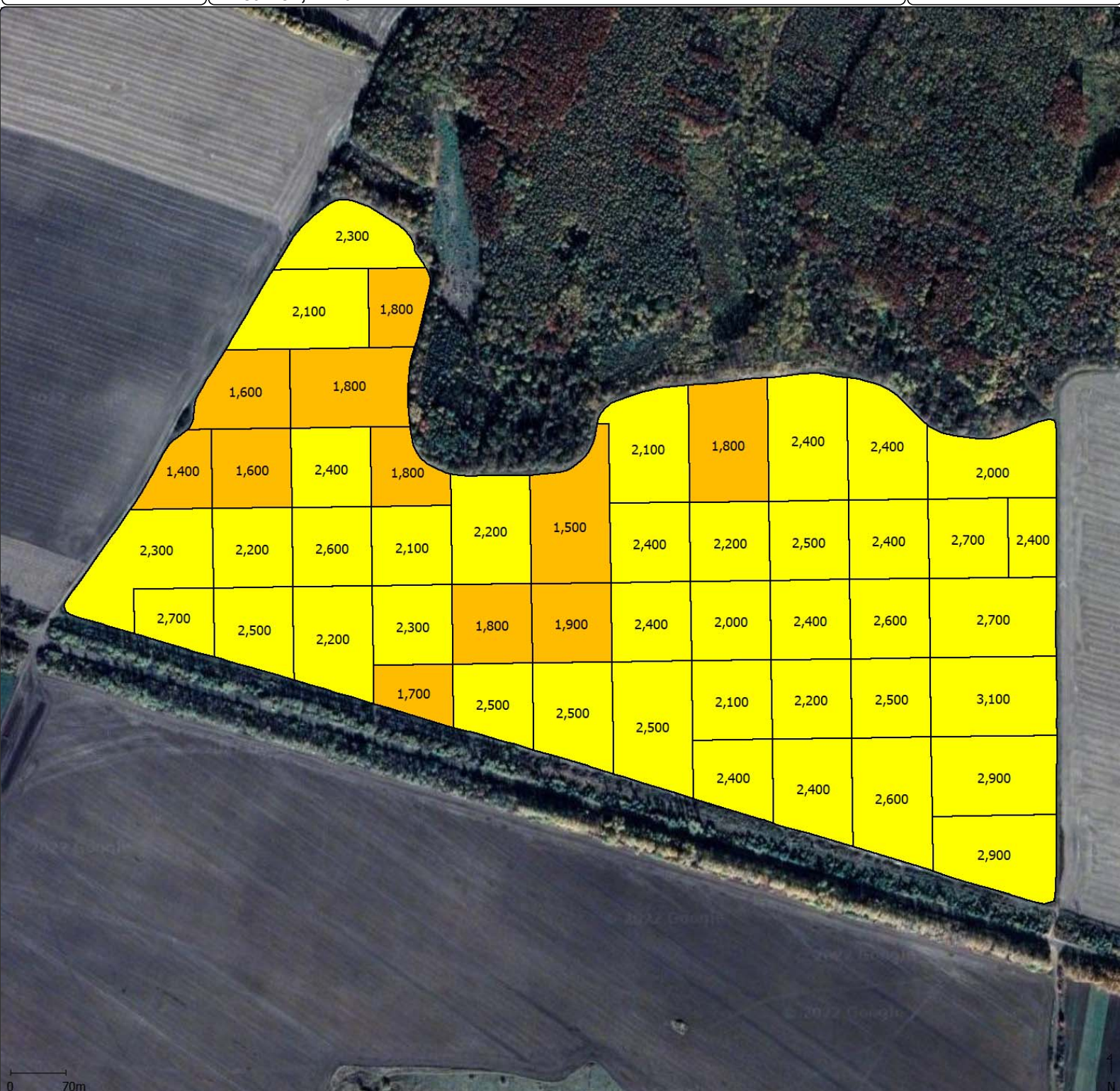


Interpretation of the acidity test (pH) [soil:water = 1:1]

■	> 8,2	Highly alkaline
■	7,8 – 8,2	Alkaline
■	7,4 – 7,8	Subalkaline
■	6,4 – 7,4	Neutral
■	6,0 – 6,4	Acidified
■	5,8 – 6,0	Slightly acidic
■	5,4 – 5,8	Acidic
■	< 5,4	Highly acidic

**Soil pH
(unit)**

■	8,2 - 14,0 (0,00 ha)
■	7,8 - 8,2 (0,00 ha)
■	7,4 - 7,8 (11,71 ha)
■	6,4 - 7,4 (11,91 ha)
■	6,0 - 6,4 (5,36 ha)
■	5,8 - 6,0 (9,20 ha)
■	5,4 - 5,8 (12,99 ha)
■	0,0 - 5,4 (6,26 ha)

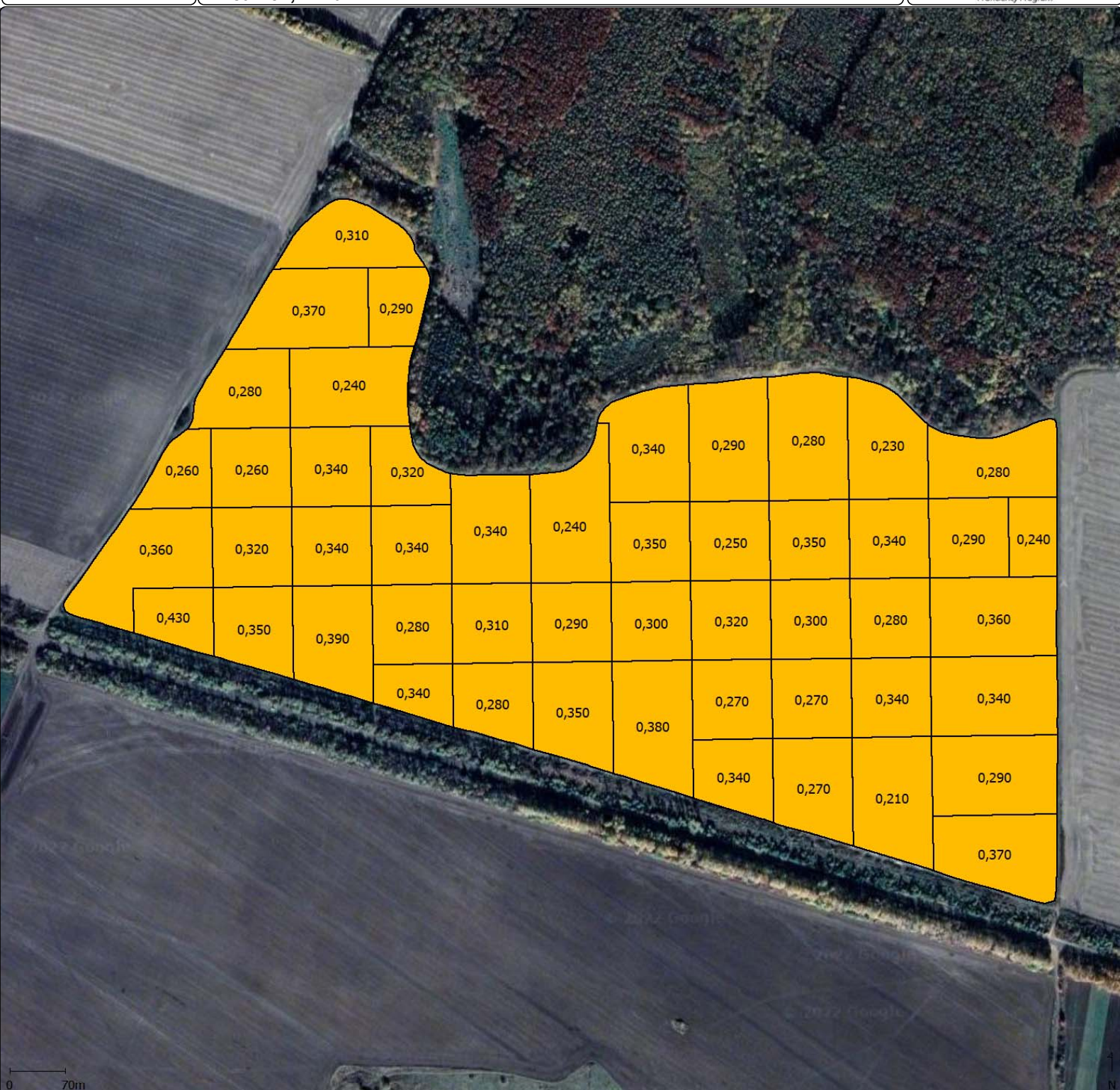


Organic matter content in the soil

■	> 6,0	Very high
■	4,0 – 6,0	High
■	2,0 – 4,0	Medium
■	1,0 – 2,0	Low
■	0,0 – 1,0	Very low

Soil OM (%)

■	6,0 - 50,0	(0,00 ha)
■	4,0 - 6,0	(0,00 ha)
■	2,0 - 4,0	(45,91 ha)
■	1,0 - 2,0	(11,53 ha)
■	0,0 - 1,0	(0,00 ha)

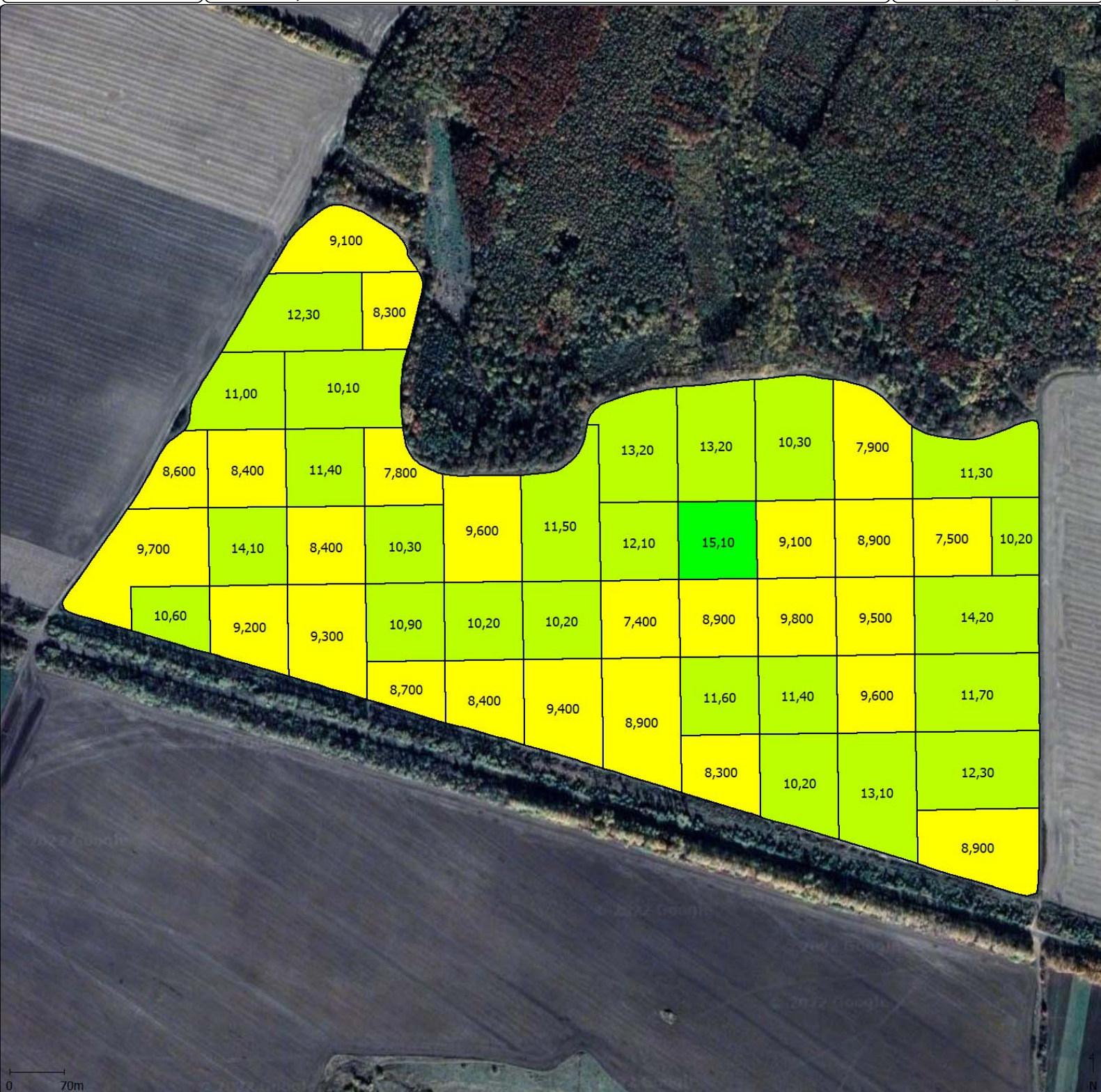


Interpretation of the soil salinity analysis (Cond, mS/cm) [soil:water = 1:1]

■ > 1,5	Salinity
■ 1,0 – 1,5	Potential soil salinity
■ 0,5 – 1,0	High content of nutrients
■ 0,1 – 0,5	Optimal content of nutrients
■ < 0,1	Low content of nutrients

Conductivity
(μ S/cm)

■ 1,50 - 10,00	(0,00 ha)
■ 1,00 - 1,50	(0,00 ha)
■ 0,50 - 1,00	(0,00 ha)
■ 0,10 - 0,50	(57,44 ha)
■ 0,00 - 0,10	(0,00 ha)

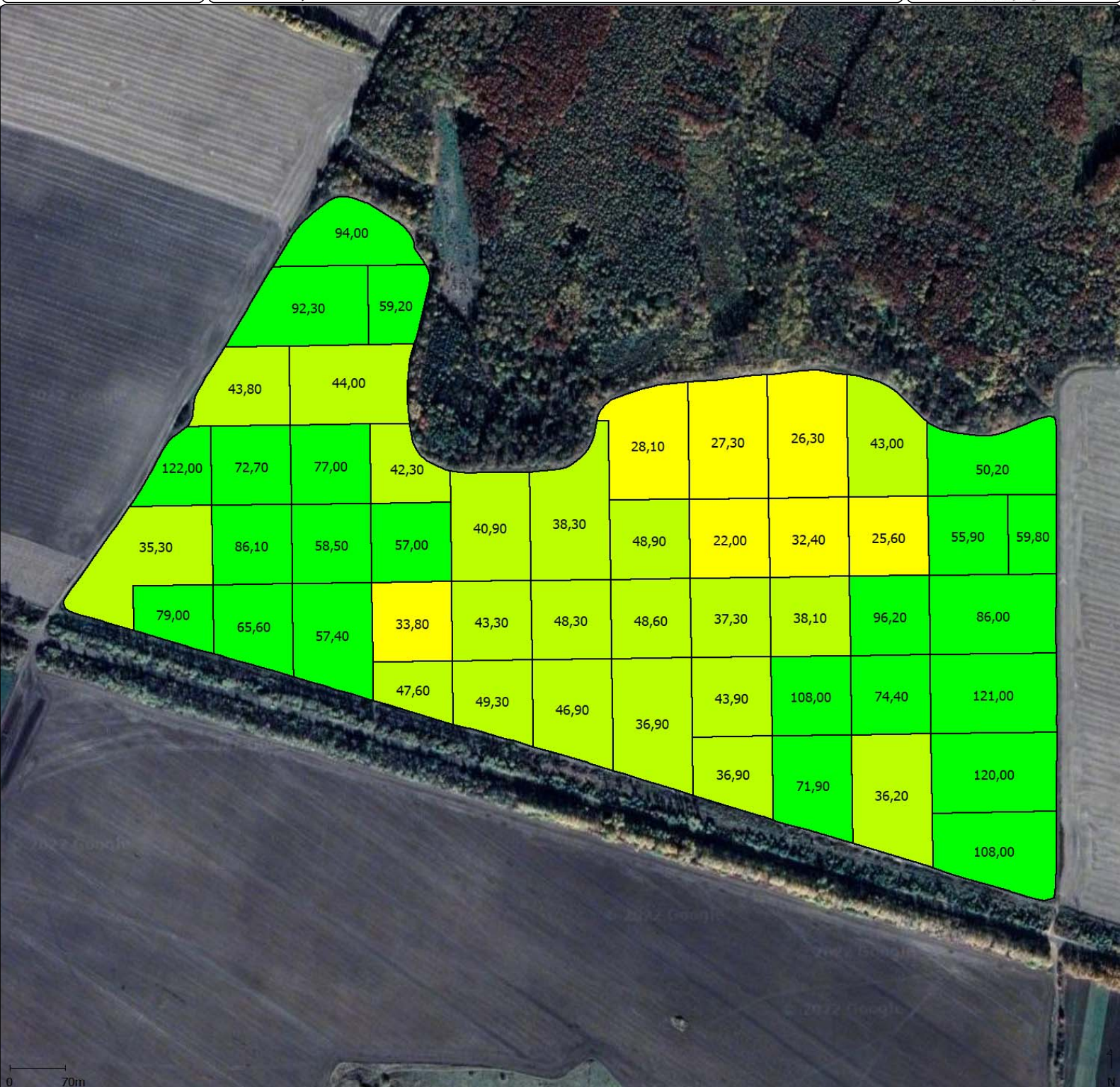


Nitrate nitrogen content in the soil [ppm] = [mg/kg]

■	> 15	Very high
■	10 – 15	High
■	5 – 10	Medium
■	2,5 – 5	Low
■	0 – 2,5	Very low

Soil Nitrate
(ppm)

■	15,0 - 50,0 (1,00 ha)
■	10,0 - 15,0 (29,46 ha)
■	5,0 - 10,0 (26,98 ha)
■	2,5 - 5,0 (0,00 ha)
■	0,0 - 2,5 (0,00 ha)



Available phosphorus content in the soil [ppm] = [mg/kg]

■	> 50	Very high
■	35 – 50	High
■	15 – 35	Medium
■	5 – 15	Low
■	< 5	Very low

Soil Pm
(ppm)

■	50 - 150 (25,57 ha)
■	35 - 50 (23,32 ha)
■	15 - 35 (8,55 ha)
■	5 - 15 (0,00 ha)
■	0 - 5 (0,00 ha)



Potassium content in the soil [ppm] = [mg/kg]

■	>200	Very high
■	150 – 200	High
■	100 – 150	Medium
■	50 – 100	Low
■	0 – 50	Very low

Soil K
(ppm)

■	200 – 1 000	(13,38 ha)
■	150 – 200	(11,11 ha)
■	100 – 150	(25,23 ha)
■	50 – 100	(7,73 ha)
■	0 – 50	(0,00 ha)



Calcium content in the soil [ppm] = [mg/kg]

■	>5000	Very high
■	3000 – 5000	High
■	1000 – 3000	Medium
■	500 – 1000	Low
■	0 – 500	Very low

Soil CA
(ppm)

■	5 000,00 – 10 000,00	(0,00 ha)
■	3 000,00 – 5 000,00	(14,80 ha)
■	1 000,00 – 3 000,00	(42,64 ha)
■	500,00 – 1 000,00	(0,00 ha)
■	0,00 – 500,00	(0,00 ha)

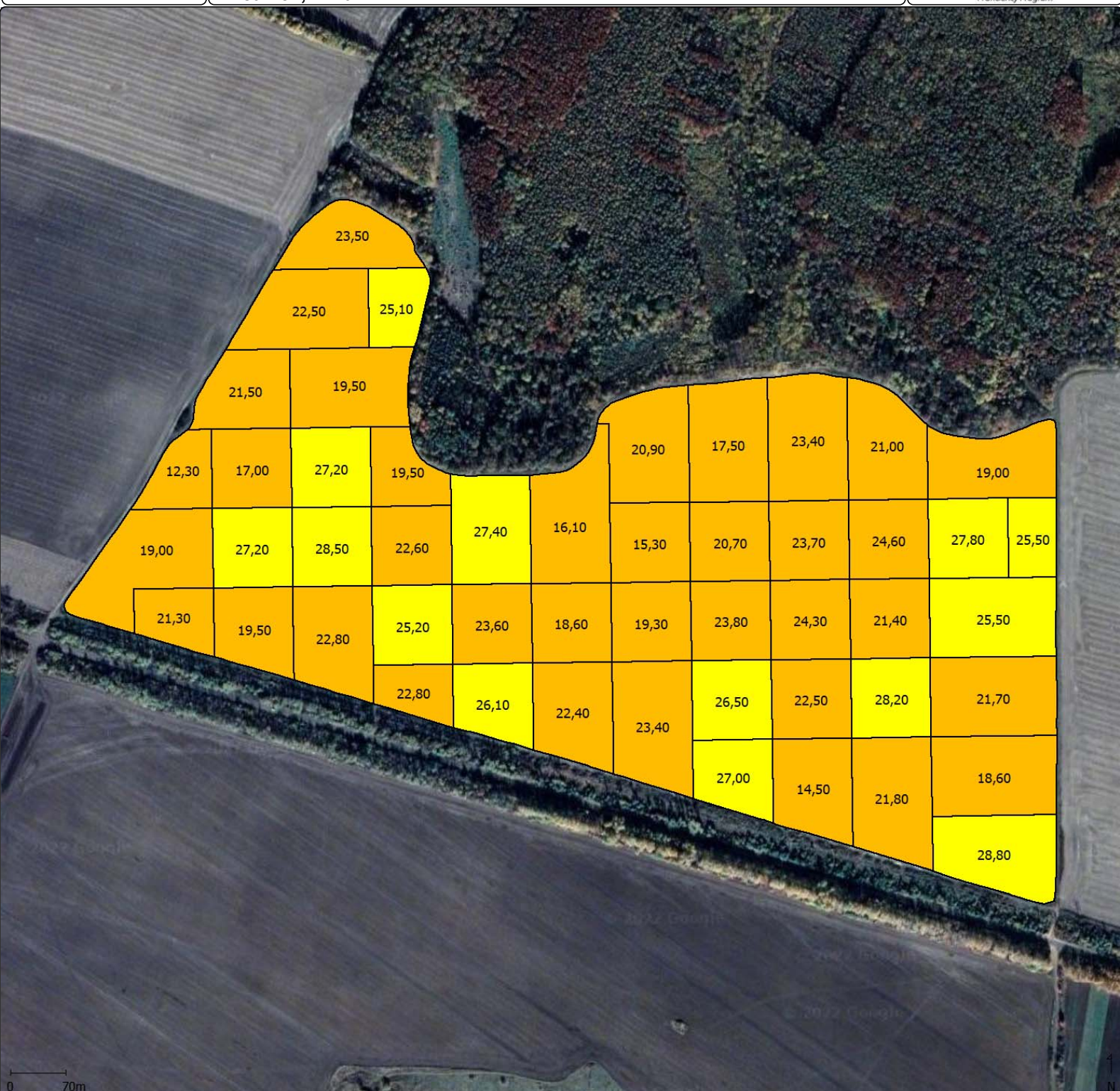


Magnesium content in the soil [ppm] = [mg/kg]

■	> 500	Very high
■	250 – 500	High
■	50 – 250	Medium
■	25 – 50	Low
■	0 – 25	Very low

Soil MG
(ppm)

■	500 – 3 000	(0,000 ha)
■	300 – 500	(0,000 ha)
■	100 – 300	(54,094 ha)
■	50 – 100	(3,347 ha)
■	0 – 50	(0,000 ha)

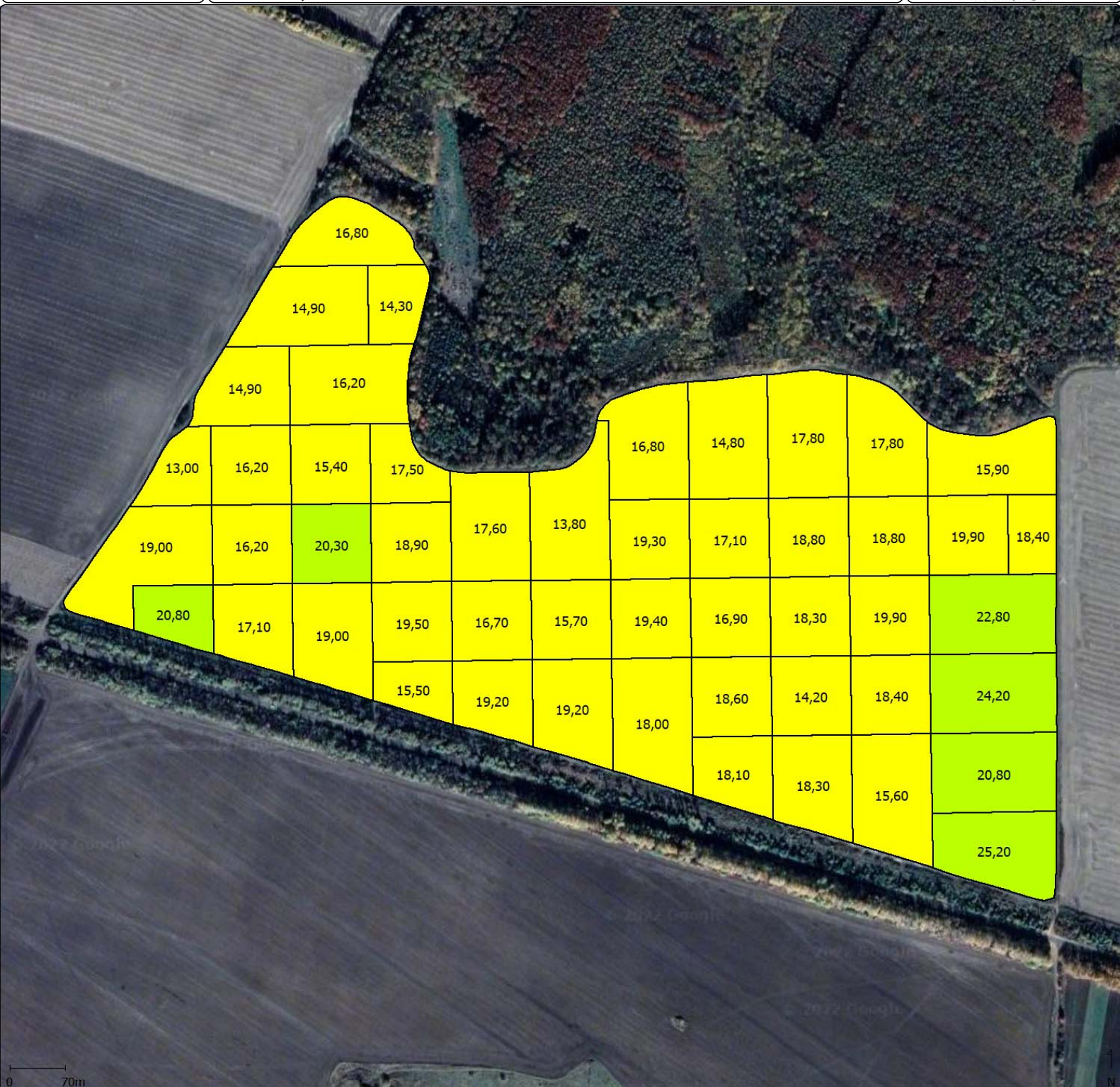


Sodium content in the soil [ppm] = [mg/kg]

■	>100	Very high
■	50 – 100	High
■	25 – 50	Medium
■	10 – 25	Low
■	0 – 10	Very low

Soil NA
(ppm)

■	100,0 - 150,0 (0,00 ha)
■	50,0 - 100,0 (0,00 ha)
■	25,0 - 50,0 (14,61 ha)
■	10,0 - 25,0 (42,83 ha)
■	0,0 - 10,0 (0,00 ha)

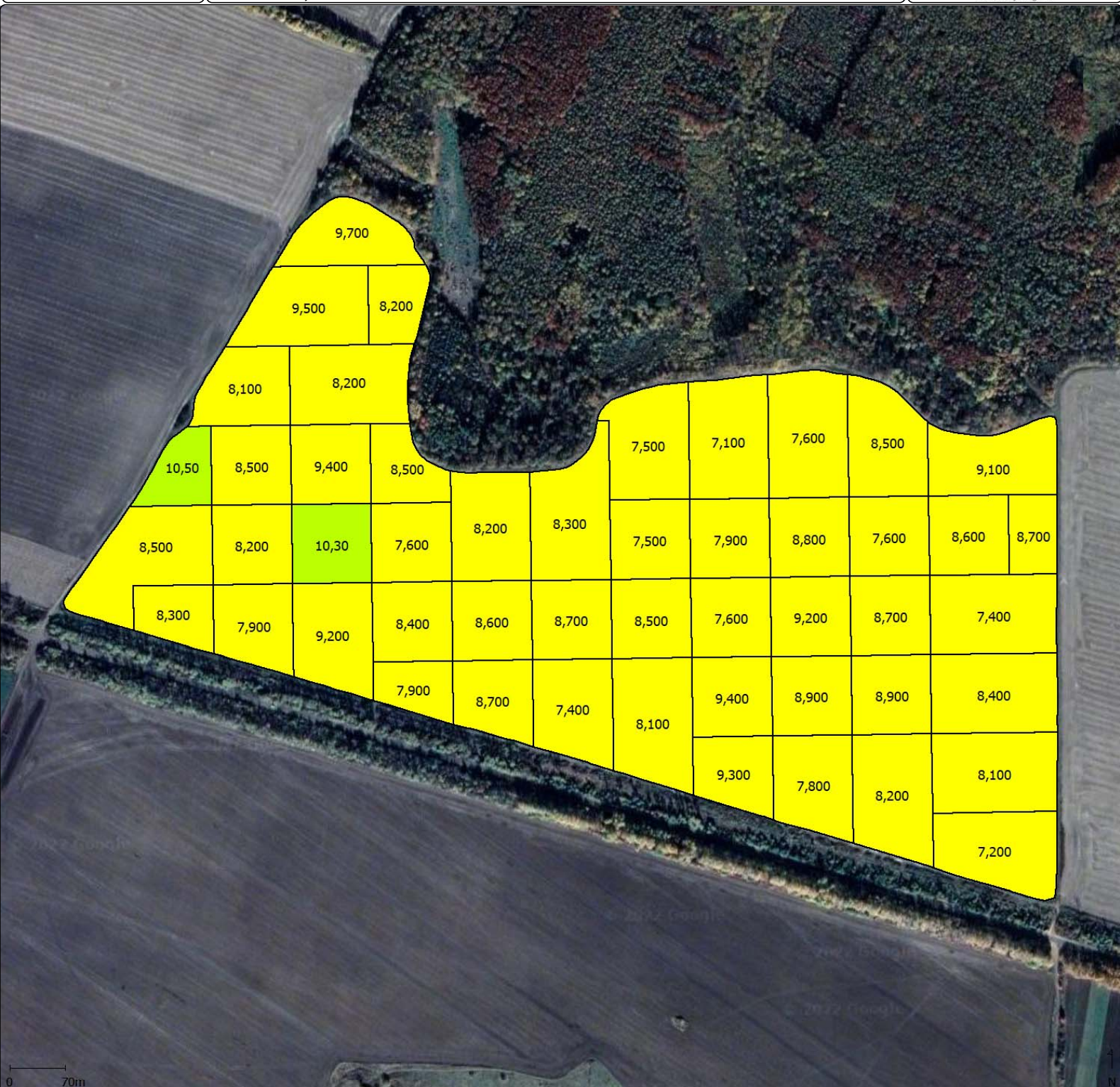


CEC of the soil [ppm] = [mg/kg]

■	> 30,0	Very high
■	20,0 – 30,0	High
■	10,0 – 20,0	Medium
■	5,0 – 10,0	Low
■	0 – 5,0	Very low

Soil CEC
(meq/100g)

■	30,0 - 50,0 (0,000 ha)
■	20,0 - 30,0 (7,944 ha)
■	10,0 - 20,0 (49,497 ha)
■	5,0 - 10,0 (0,000 ha)
■	0,0 - 5,0 (0,000 ha)



Sulfated sulfur content in the soil [ppm] = [mg/kg]

■	> 15	Very high
■	10 – 15	High
■	5 – 10	Medium
■	2,5 – 5	Low
■	< 2,5	Very low

Soil S
(ppm)

■	15,0 - 100,0	(0,000 ha)
■	10,0 - 15,0	(1,715 ha)
■	5,0 - 10,0	(55,726 ha)
■	2,5 - 5,0	(0,000 ha)
■	0,0 - 2,5	(0,000 ha)

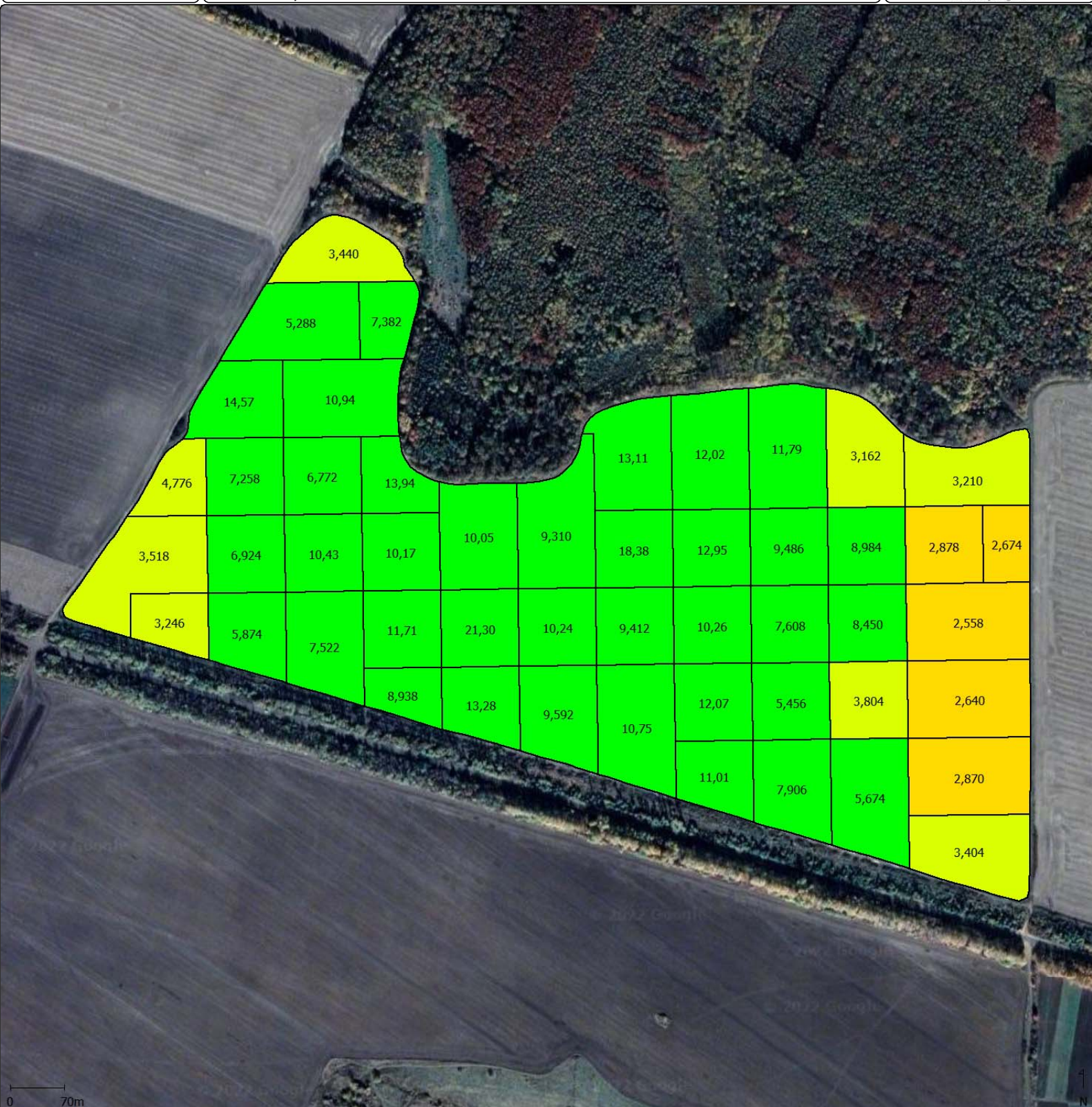


Zinc content in the soil [ppm] = [mg/kg]

■	> 1,0	High
■	0,5 – 1,0	Medium
■	0,25 – 0,5	Low
■	0 – 0,25	Very low

Soil ZN
(ppm)

■	1,00 - 25,00 (21,00 ha)
■	0,50 - 1,00 (25,97 ha)
■	0,25 - 0,50 (10,47 ha)
■	0,00 - 0,25 (0,00 ha)

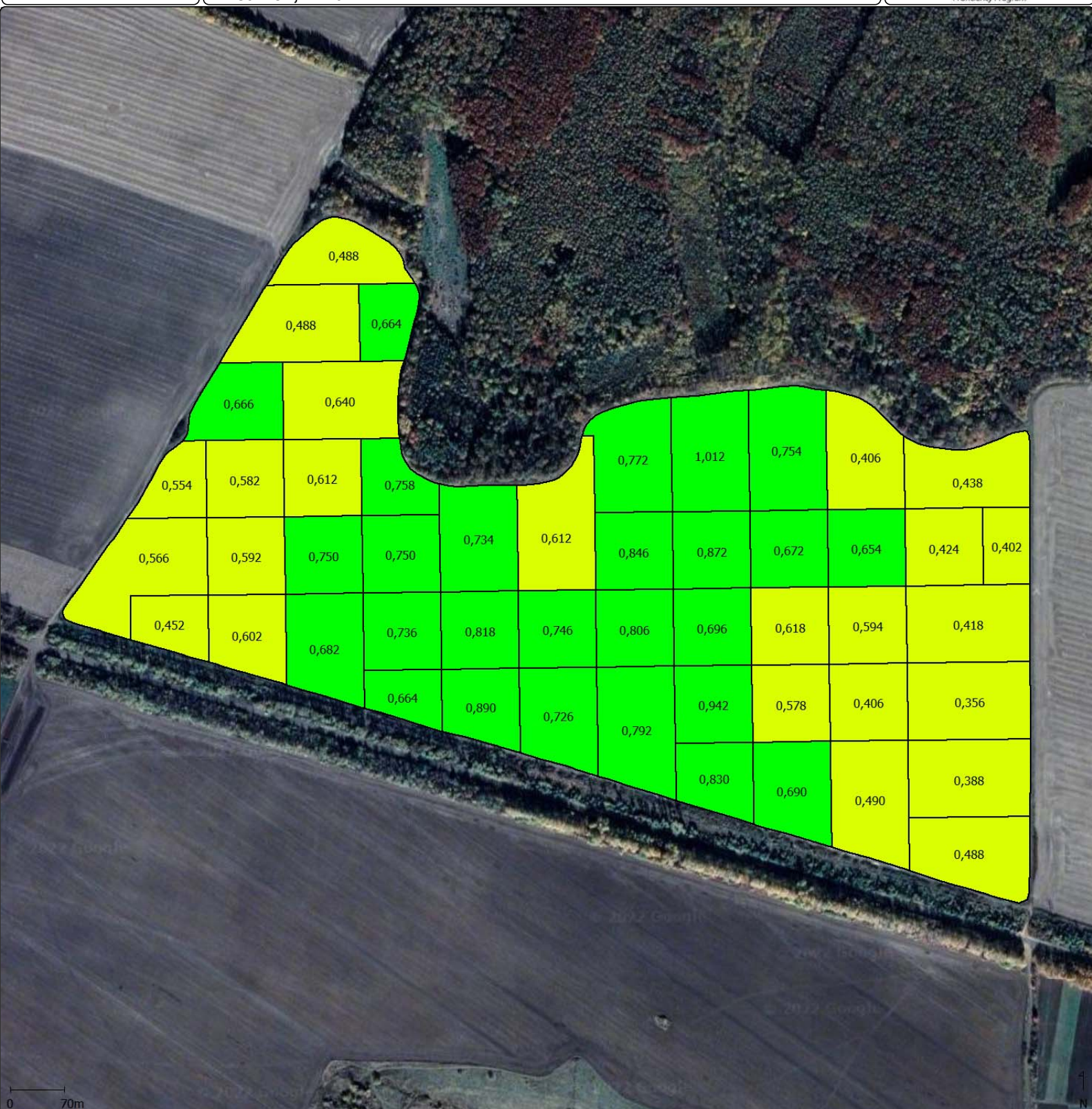


Manganese content in the soil [ppm] = [mg/kg]

■	> 5,0	High
■	3,0 – 5,0	Medium
■	1,0 – 3,0	Low
■	0 – 1,0	Very low

Soil MN
(ppm)

■	5,0 - 50,0 (41,593 ha)
■	3,0 - 5,0 (9,475 ha)
■	1,0 - 3,0 (6,372 ha)
■	0,0 - 1,0 (0,000 ha)



Copper content in the soil [ppm] = [mg/kg]

■	> 0,65	High
■	0,25 – 0,65	Medium
■	0,2 – 0,25	Low
■	0 – 0,2	Very low

Soil CU
(ppm)

■	0,65 -	10,00 (28,43 ha)
■	0,25 -	0,65 (29,01 ha)
■	0,20 -	0,25 (0,00 ha)
■	0,00 -	0,20 (0,00 ha)

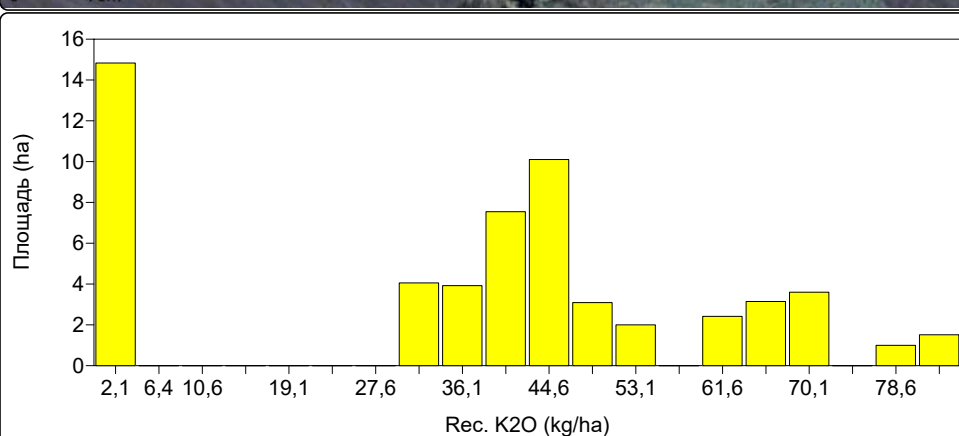


Iron content in the soil [ppm] = [mg/kg]

■	> 10	High
■	4,5 – 10,0	Medium
■	2,0 – 4,5	Low
■	0 – 2,0	Very low

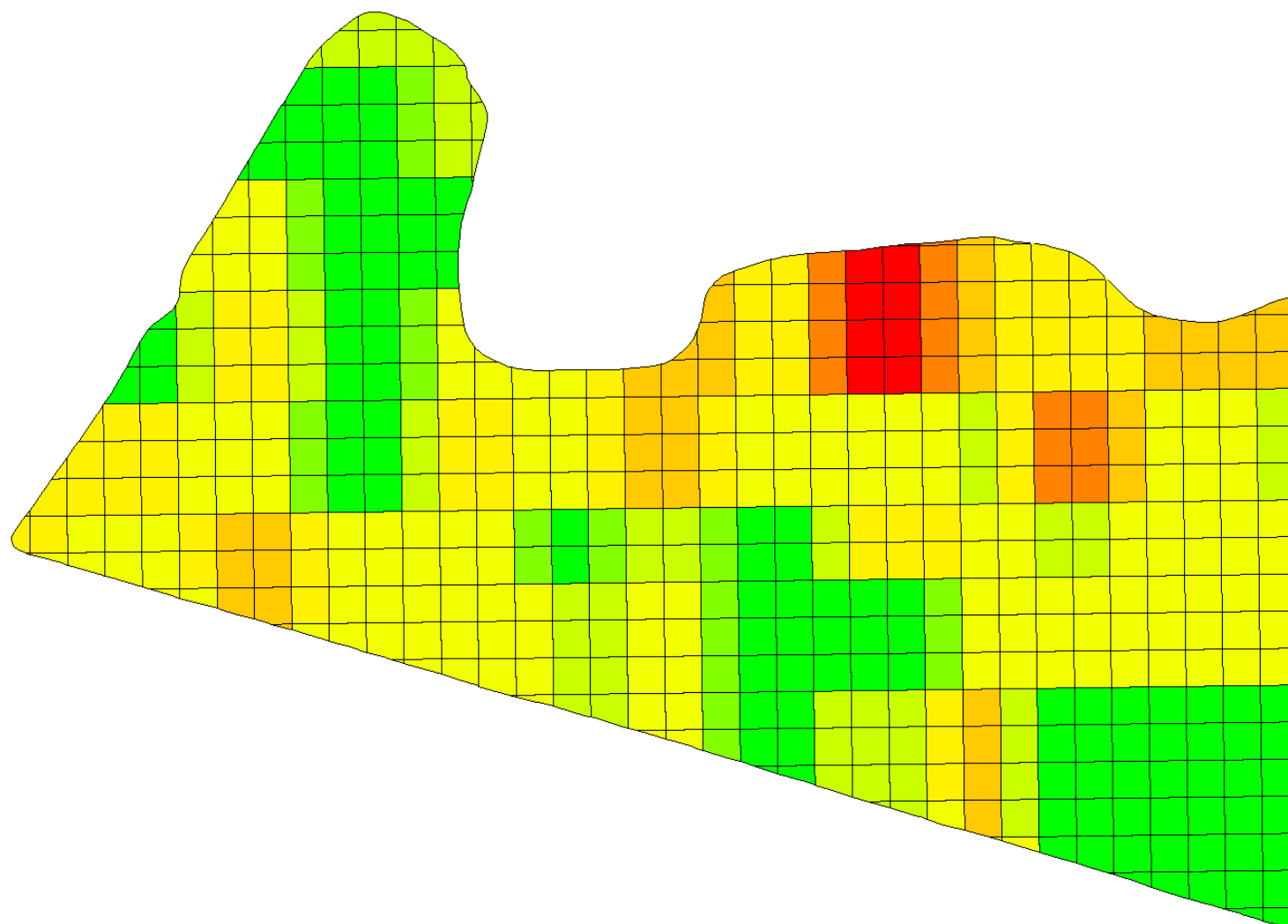
Soil FE
(ppm)

■	10,0 - 500,0 (57,44 ha)
■	4,5 - 10,0 (0,00 ha)
■	2,0 - 4,5 (0,00 ha)
■	0,0 - 2,0 (0,00 ha)



Rec. K ₂ O (kg/ha)	
110,00 - 120,00	(0,00 ha)
100,00 - 110,00	(0,00 ha)
90,00 - 100,00	(0,00 ha)
80,00 - 90,00	(2,53 ha)
70,00 - 80,00	(3,61 ha)
60,00 - 70,00	(5,58 ha)
50,00 - 60,00	(5,11 ha)
40,00 - 50,00	(17,71 ha)
30,00 - 40,00	(8,01 ha)
20,00 - 30,00	(0,00 ha)
10,00 - 20,00	(0,00 ha)
0,00 - 10,00	(14,89 ha)

Fertilizing Prescription (Dry) 2022 - 481(KCI [NPK: 0:0:60])



Target Rate (Mass) (kg/ha)

160,00	(1,03 ha)
140,00	(1,81 ha)
120,00	(4,74 ha)
100,00	(8,79 ha)
80,00	(17,66 ha)
60,00	(6,96 ha)
40,00	(3,35 ha)
0,00	(13,12 ha)

Farmer : Agrotest

Field : 481

Year : 2022

Area : 57,21 ha

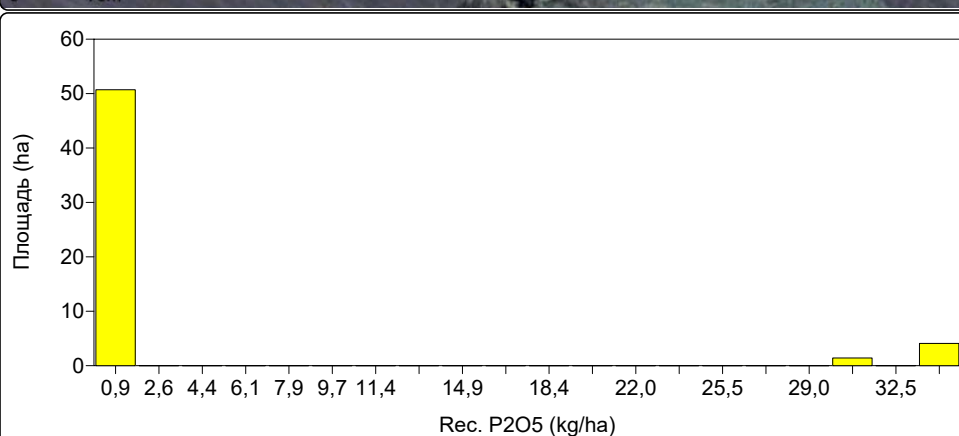
Total amount : 3,814 tonne

Average rate : 66,67 kg/ha

Minimal norm : 0,00 kg/ha

Maximal norm : 160,00 kg/ha

4
N



Rec. P2O5 (kg/ha)	
90,00 - 100,00	(0,000 ha)
80,00 - 90,00	(0,000 ha)
70,00 - 80,00	(0,000 ha)
60,00 - 70,00	(0,000 ha)
50,00 - 60,00	(0,000 ha)
40,00 - 50,00	(1,004 ha)
30,00 - 40,00	(5,540 ha)
20,00 - 30,00	(0,000 ha)
10,00 - 20,00	(0,000 ha)
0,00 - 10,00	(50,896 ha)

Fertilizing Prescription (Dry) 2022 - 481(Ammophos - $\text{NH}_4\text{H}_2\text{PO}_4$ [NPK: 12:52:0])



Target Rate (Mass) (kg/ha)

80,00	(4,168 ha)
60,00	(0,947 ha)
40,00	(2,473 ha)
20,00	(0,005 ha)
0,00	(49,848 ha)

Farmer : Agrotest

Field : 481

Year : 2022

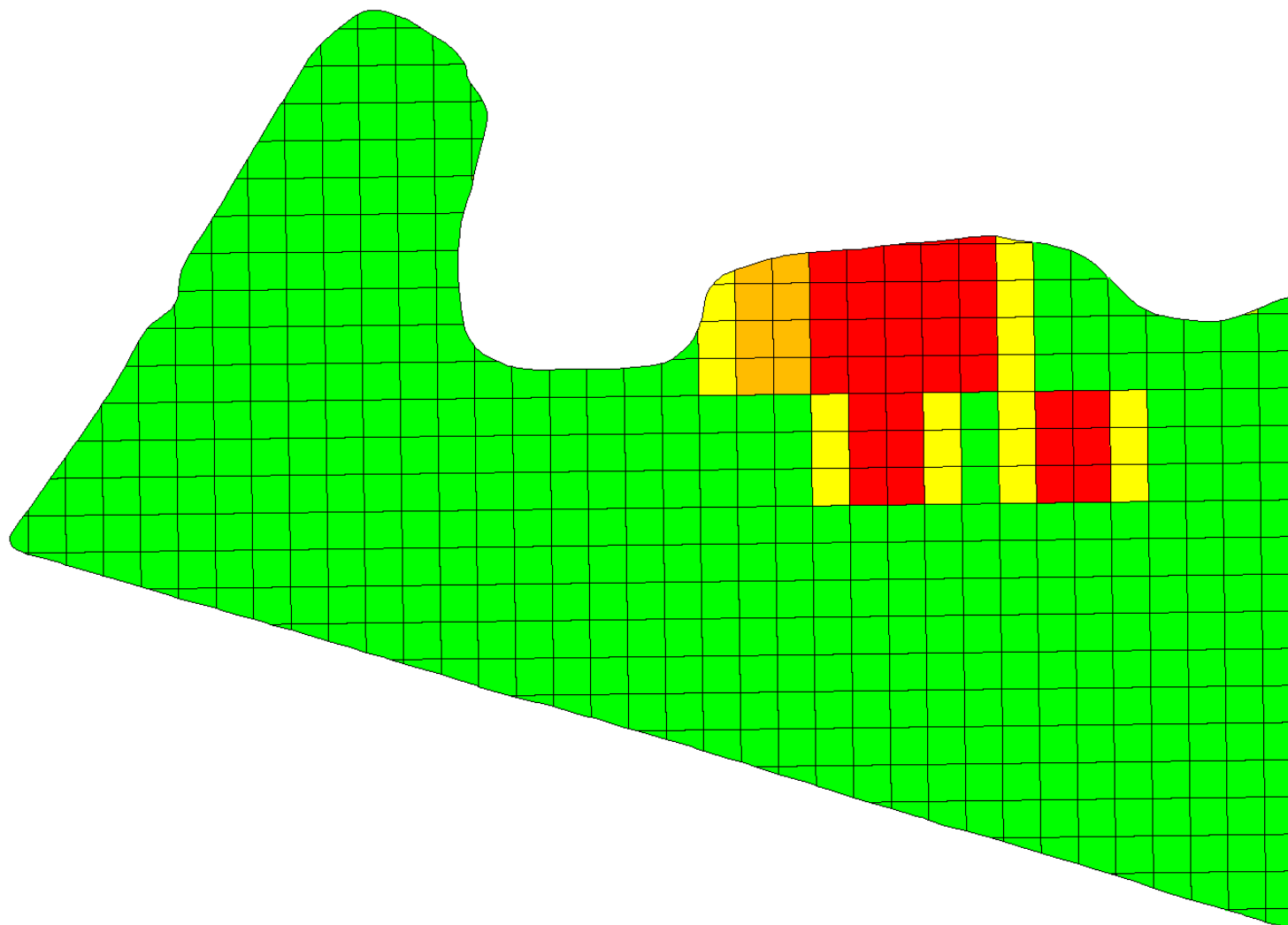
Area : 57,21 ha

Total amount : 0,487 tonne

Average rate : 8,518 kg/ha

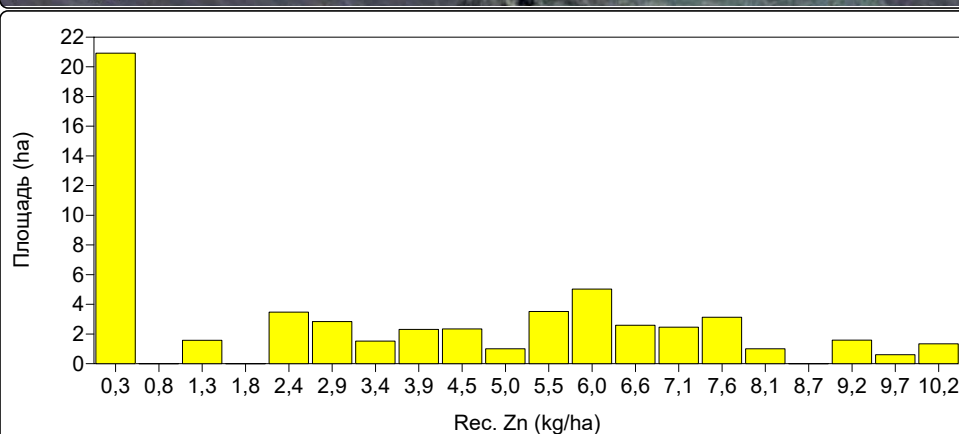
Minimal norm : 0,00 kg/ha

Maximal norm : 80,00 kg/ha



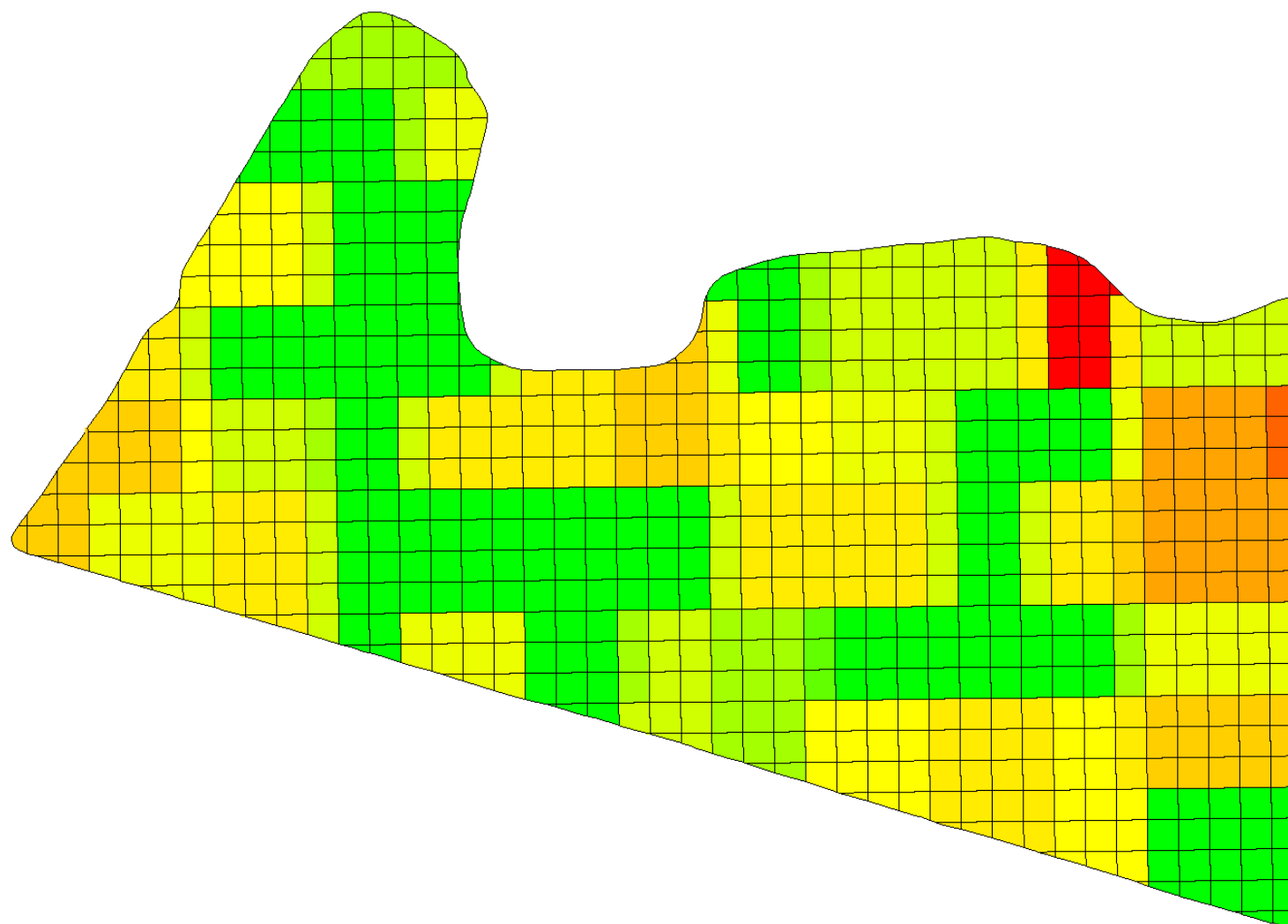
4
N

0 70m



Rec. Zn (kg/ha)	
10,00 - 15,00	(1,341 ha)
9,00 - 10,00	(2,201 ha)
8,00 - 9,00	(1,004 ha)
7,00 - 8,00	(4,905 ha)
6,00 - 7,00	(4,310 ha)
5,00 - 6,00	(8,571 ha)
4,00 - 5,00	(3,079 ha)
3,00 - 4,00	(4,702 ha)
2,00 - 3,00	(4,741 ha)
1,00 - 2,00	(1,582 ha)
0,00 - 1,00	(21,005 ha)

Fertilizing Prescription (Dry) 2022 - 481($\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$ [Zn 23%])



Target Rate (Mass)
(kg/ha)

50,00	(0,768 ha)
45,00	(0,300 ha)
40,00	(2,911 ha)
35,00	(4,219 ha)
30,00	(9,132 ha)
25,00	(4,727 ha)
20,00	(5,148 ha)
15,00	(8,134 ha)
10,00	(3,765 ha)
5,00	(0,271 ha)
0,00	(18,065 ha)

Farmer : Agrotest

Field : 481

Year : 2022

Area : 57,21 ha

Total amount : 0,968 tonne

Average rate : 16,92 kg/ha

Minimal rate : 0,00 kg/ha

Maximal rate : 50,00 kg/ha

4
N

0 70m