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Застосувати

Survey and evaluation of soil quality

Title	Description	Indexed price uah
Creation (update) of district soil maps and maps of ecological resources and normative productivity of agricultural crops (1 district region) [2]	Calculated individually	
Soil-agrochemical survey of fields (farms) with provision of appropriate analytical and cartographic information and information on the resource potential of the land by natural and effective fertility (not less than 1000 hectares) [3]	from 80 UAH per 1 ha	

Title	Description	Indexed price uah
Operational monitoring of the state of crops (fields) with the use of UAVs with an area from 100 to 1000 hectares with the production of processed photographic and cartographic materials [4]	from 20 UAH per 1 ha	
Field survey of the ecological and agro-ameliorative state of irrigated lands on indicators of quality of irrigated waters, level and mineralization of groundwater, quality of agricultural products, soil properties (salt composition, toxins contamin [5]	from 80 UAH per 1 ha	
Field survey of soil-agrochemical state of lands. Development of recommendations for improving the state and soil fertility [6]	from 70 UAH.per 1 Ha	
Scientific expertise of soil cover on the basis of archival cartographic materials [7]	from 7 UAH per 1 ha	

Title	Description	Indexed price uah
Scientific expertise of quality and soil fertility on the basis of archival cartographic materials [8]	from 20 UAH per 1 ha	
Expertise of soil cover (with departure to the object) [9]	Calculated individually	
Expertise of soil cover on the basis of GIS-technologies [10]	Calculated individually	
Express assessment of erosion hazard of land and optimization of soil protection measures in the field of agricultural land management [11]	Calculated individually	
Scientific expertise (assessment) of soil fertility changes [12]		7780.02
Investigation of reclaimed lands, providing recommendations on technical and biological stages of land reclamation, assessment of the quality of remediation works [13]	calculated individually	
Determination of cationic-anionic composition of water extraction [14]		412.99

Rational use of resources and improving the efficiency of agricultural production management

Title	Description	Fixed price uah
Scientific examination of the efficacy of biological products [15]	Calculated individually	
Plant diagnosis of nitrogen nutrition of winter wheat by «SPAD-502 Plus» chlorophyll meter providing recommendations for foliar feeding crops to guarantee high quality food grains [16]	from 10 UAH/1 ha	
Agrochemical support of application of mineral fertilizers under the planned indicators of yield and quality of winter wheat grain based on the results of complex soil and plant diagnostics [17]	from 25 UAH/1 ha	
Providing recommendations on fertilizing crops based on the results of determining the actual content of nutrients (NPK) and the reaction of soil solution (pNsal). The expected economic effect of raising the yield is 400-1200 UAH/ha [18]	From 25 UAH per 1ha	

Title	Description	Fixed price uah
Improving the efficiency of agricultural production management through the implementation of the computer program "Information and analytical system of organization and management of agricultural production" [19]		2400.00
Attracting local raw materials for the production of liquid and solid organic and complex organo-mineral fertilizers (up to 6 months) [20]	from 50000 UAH	
Savings of fertilizers and fuels and lubricants during agricultural production on lands with heterogeneous soil cover due to the introduction of precision farming techniques [21]	Calculated individually	
Diagnosis of degradation processes on biological indicators of soil, contaminated with pesticides, heavy metals, etc. [22]	from 15 UAH per 1 ha	

Title	Description	Fixed price uah
Resource-saving technologies for increasing the acidity of soil fertility (author's support and long-term control of their effectiveness) [23]	Calculated individually	
Phytomelioration of acid soils (author's support and long-term effectiveness control) [24]	Calculated individually	
Development of business plans, business projects, production programs, innovation and investment projects of crop production under different growing technologies [25]	Calculated individually	
Development of fertilizer system of crops on the results of agrochemical survey of fields (NPK, pN, humus) [26]	from 30 UAH/1 ha	
Determining the level of availability of soil nutrients (NPK) and the reaction of soil solution (pH) with the results in a report [27]	15 UAH/1 ha	

Title	Description	Fixed price uah
Agrochemical field survey (NPK, pH, humus) with presentation of results in the form of a report [28]	from 20 UAH/1 ha	

Diagnosis of nutrition and increase of crop yields

Title	Description	
Complex diagnostics of biological activity of soils [29]	From 20 UAH per 1 ha	
Soil diagnostics of mineral nitrogen reserves (NH ₄ + NO ₃) in a layer 0-60 cm with recommendations for fertilizer or feed crops [30]	From 15 UAH per 1 ha	
Increase of payback of potassium-phosphorus mineral fertilizers on the basis of accurate diagnostics of soil fertility state [31]	from 20 UAH per 1 ha	
Improved productivity of grassland and pastures [32]	Calculated individually	
Functional vegetative diagnostics of nutrition of agricultural and fruit and berry crops (determination of necessity and development of recommendations for the extra-root nutrition of plants by macro- and microelements) [33]	Calculated individually	

Services on Standardization and Metrology

Title	Description	Indexed price uah
Development of normative and regulatory documents of different levels (TR, DSTU, SOU, TU, etc.), including methodical assistance during the development of technological regulations and specifications with their subsequent registration (accounting) [34]	Calculated individually	
Technical translation of international and European standards, taking into account the terminology specific in the field of soil science, agrochemistry and soil protection [35]	Calculated individually	

Title	Description	Indexed price uah
Conducting of normative control, metrological examination, registration and editing of normative documents of different levels (SOU, DSTU, TU, TP, etc.) and research documents (dissertations, reports on research work, etc.) in the field of soil science [36]	Calculated individually	
Development of a package of documents for attestation (accreditation) of measuring laboratories in accordance with current requirements [37]	Calculated individually	
Creation of standard samples of soil composition (state, industry, enterprises), including organizational and scientific and methodological support of these works [38]	Calculated individually	

Title	Description	Indexed price uah
State standard sample of the composition (agrochemical indicators) of chernozem typical heavy-grained [39]	1 sample 500g	968.18
Industry standard sample of content (agrochemical indices) of chernozem ordinary low-humus (ГС3У 01-2015) [40]	1 sample 500g	968.18
Industry standard sample of content (agrochemical indices) of sodpodzolic sandy soil (ГС3У 02-2015) [41]	1 sample 500g	968.18

Registration of materials for obtaining copyright documents

Title	Description	Indexed price uah
Registration of documents for obtaining patents, useful models [42]		1295.93

Title	Description	Indexed price uah
Registration of documents for applying the Sign for goods and services [43]		1075.31
Registration of documents for obtaining a certificate on the protection of copyright in the work [44]		322.77

Carrying out lectures and consultations

Title	Description
On fertility of soil cover [45]	Doctor of Sciences
On the monetary valuation of land [46]	PhD
On the monetary valuation of land [47]	Doctor of Sciences
On soil reclamation [48]	PhD
On soil reclamation [49]	Doctor of Sciences
On assessment of erosion hazard and usage of land protection measures [50]	PhD

Title	Description
On assessment of erosion hazard and usage of land protection measures [51]	Doctor of Sciences
Concerning the transition and management of organic production [52]	PhD
Concerning the transition and management of organic production [53]	Doctor of Sciences
On standardization and metrological support of works in the field of soil science, agrochemistry and soil protection [54]	PhD
On standardization and metrological support of works in the field of soil science, agrochemistry and soil protection [55]	Doctor of Sciences
On business planning and agrarian innovation and investment business projects [56]	PhD

Title	Description
On business planning and agrarian innovation and investment business projects [57]	Doctor of Sciences
On fertility of soil cover [58]	PhD

Title	Description	Fixed price uah	Indexed price uah
		1000.00	
		300.00	
		300.00	
		2500.00	
		300.00	
		500.00	
		500.00	
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		18550.00	
			167.31
			1945.23

Services for the analysis of soils, water and plants

Title	Description	Indexed price uah
Determination of available compounds of phosphorus and potassium by the Chirikov method [59]		132.69
Determination of available compounds of phosphorus and potassium by the Machigin method [60]		247.78
Determination of organic matter [61]		216.85
Determination of group composition of humus [62]		1327.21
Determination of available (labile) organic matter of soil by the M.A. Egorov method [63]		665.28
Determination of exchangeable calcium, magnesium, sodium and potassium in the soil [64]		240.76
Determination of carbonate content by V. Ya. Sokolovich's method for MBB 31-497058-021-2005 [65]		151.42
Determination of the capacity of soil absorption [66]		492.00
Determination of nitrates and exchange ammonium in soils [67]		203.95

Title	Description	Indexed price uah
Determination of nitrate nitrogen in soils [68]		106.49
Determination of hydrolytic acidity [69]		71.85
Determination of particle size (granular) of the soil [70]		701.47
Determination of micro aggregate composition of soil [71]		591.64
Determination of pH of a water extract [72]		53.77
Determination of common forms of nitrogen, phosphorus, potassium in plants [73]		636.40
Determination of the pH of the salt extract [74]		68.41
Determination of phosphorus in water [75]		102.39
Determination of the content of heavy metals in water [76]		81.16
Preparation of extractor to determine the content of available forms of heavy metals [77]		112.09
Preparation of the extractor to determine the content of hard-fixed forms of heavy metals [78]		111.74

Title	Description	Indexed price uah
Determination of the content of heavy metals on the Saturn-4 device [79]		22.21
Determination of calcium and magnesium on the C-115M1 device [80]		31.75
Determination of nitrate nitrogen on the CΦ-46 device [81]		39.74
Determination of sodium and potassium on a flame photometer [82]		20.07
Determination of hygroscopic moisture [83]		58.89
Preparation of soil for analysis (crushing to powder condition - 20 g) [84]		156.24
Determination of the quality of plant products on the IЧC-4250 device [85]		40.35

Determination of the state of the soil microflora and its biological activity

Title	Description	Indexed price uah
Definition of amination activity [86]		278.85
Determination of dehydrogenase activity [87]		234.60
Determination of inverted activity [88]		241.98

Title	Description	Indexed price uah
Determination of the physiological and taxonomic composition of soil microorganisms [89]		1072.43
Determination of nitrification activity [90]		396.88
Determination of polyphenol oxidase activity [91]		80.84
Determination of soil toxicity [92]		388.35
Determination of peroxidase activity [93]		124.62
Determination of cellulose-destroying activity [94]		365.62
Selection of microbes-stimulants [95]		1928.71
Determination of phytotoxic properties of soil microorganisms [96]		1924.26

Determination of soil buffering

Title	Description	Indexed price uah
Determination of acid-base soil buffering [97]		289.26
Determination of potassium soil buffering [98]		301.07
Determination of soil phosphate buffering [99]		369.99

Determination of physical properties of soils

Title	Description	Indexed price uah
Determination of soil hardness [100]		83.19
Determination of soil moisture (hygroscopic moisture) [101]		123.48
Determination of the density of the solid phase of the soil by the pycnometric method [102]		155.48
Definition of water permeability of soil with PVN device [103]	Departure to the field is not calculated	415.55
Definition of water permeability of the soil by the pipes of Kaczynski [104]	Departure to the field is not calculated	244.66

Cartographic materials of atlas

Title	Description	Fixed price uah
Soils of Ukraine [105]		150.00
Particle size distribution of the soil [106]		150.00

Title	Description	Fixed price uah
The content of granulometric sand fractions (> 0.05 mm) in the first genetic horizon of soils [107]		90.00
The content of granulometric dust fractions (0,05-0,001 mm) in the first genetic horizon of soils [108]		90.00
Content of granulometric fraction of silt (<0.001 mm) in the first genetic horizon of soils [109]		90.00
Dispersion factor [110]		90.00
Soil texture [111]		90.00
The density of the soil structure (equilibrium) in a layer of 10-50 cm [112]		90.00
Deviation of the actual density of soils from the optimum (in a layer 10-50 cm) [113]		90.00
Humidity of wilting plants in the first genetic soil horizon [114]		90.00

Title	Description	Fixed price uah
Field (lowest) moisture content in the first genetic horizon of soils [115]		90.00
The active moisture range in the first genetic horizon of soils [116]		90.00
Relative availability of moisture in the first genetic horizon of soils [117]		90.00
Water regime of soils [118]		90.00
Saturation of the bases of the upper layer of soils [119]		90.00
Capacity exchange of cations in the upper layer of soils [120]		90.00
Sum of exchange bases (Ca, Mg, Na, K) in the upper layer of soil [121]		90.00
Reaction of a soil solution of pH (H ₂ O) [122]		90.00
Humus content in arable layer of soils [123]		90.00

Title	Description	Fixed price uah
The stock of humus in the soils [124]		90.00
The internal energy of humus in soils [125]		90.00
Soil stability to contamination and migration of pollutants [126]		90.00
Intensity of CO ₂ emissions from soils in the atmosphere [127]		90.00
Drainage of soils [128]		90.00
Bonitets of arable soils of Ukraine (according to the current methodology of 1992) [129]		90.00
Soil bonitet in points (according to updated methodology of the NSC ISSAR) [130]		90.00
Index of physical state of soils [131]		90.00
Partial bonitet of lands (winter wheat), in points [132]		90.00

Title	Description	Fixed price uah
Partial bonitet of lands (winter rye), in points [133]		90.00
Partial bonitet of land (barley), in points [134]		90.00
Partial bonitet of land (corn), in points [135]		90.00
Partial bonitet of land (sugar beet), in points [136]		90.00
Partial bonitet of lands (sunflower), in points [137]		90.00
Average angle of inclination of arable land [138]		90.00
Natural agricultural zoning of Ukraine [139]		90.00
Soil and technological arable land zoning Ukraine favorable for a minimum and zero tillage [140]		90.00

Title	Description	Fixed price uah
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Total for the atlas "Soil Properties of Ukraine" in HTML format [141]		3360.00
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Capacity exchange of cations in the upper layer of soils [142]		300.00
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Other maps in HTML format

Title	Description	Fixed price uah
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The natural content of trace elements - Cu, Zn, Co, Mo, Cr, Mn, Pb, Ni (8 map scheme) - in the arable layer of soils of Ukraine [143]		50.00
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Natural content of available phosphorus in arable layer of soils of Ukraine [144]		20.00
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Title	Description	Fixed price uah
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Natural content of available potassium in the arable layer of soils of Ukraine [145]	20.00
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Cartographic materials in GIS format

Title	Description	Fixed price uah
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Soils of Ukraine [146]	3200.00
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Particle size distribution of the soil [147]	500.00
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The content of granulometric sand fractions (> 0.05 mm) in the first genetic horizon of soils [148]	500.00
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The content of granulometric dust fractions (0,05-0,001 mm) in the first genetic horizon of soils [149]	500.00
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Content of granulometric fraction of sludge (<0.001 mm) in the first genetic horizon of soils [150]	500.00
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Dispersion factor [151]	300.00
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Soil texture [152]	700.00
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Title	Description	Fixed price uah
The density of the soil structure (equilibrium) in a layer of 10-50 cm [153]		750.00
Deviation of the actual density of soils from the optimum (in a layer 10-50 cm) [154]		500.00
Humidity of wilting plants in the first genetic soil horizon [155]		600.00
Field (lowest) moisture content in the first genetic horizon of soils [156]		600.00
The active moisture range in the first genetic horizon of soils [157]		600.00
Relative availability of moisture in the first genetic horizon of soils [158]		600.00
Water regime of soils [159]		300.00
Saturation of the bases of the upper layer of soils [160]		300.00
Sum of exchange bases (Ca, Mg, Na, K) in the upper layer of soil [161]		300.00
Reaction of a soil pH solution (H ₂ O) [162]		300.00
Humus content in arable layer of soils [163]		600.00
The stock of humus in the soils [164]		600.00

Title	Description	Fixed price uah
Internal energy of humus in soils [165]		300.00
Soil stability to contamination and migration of pollutants [166]		600.00
Intensity of CO2 emissions from soils in the atmosphere [167]		300.00
Drainage of soils [168]		300.00
Bonitets of arable soils of Ukraine (according to the current methodology of 1992) [169]		600.00
Soil bonitet in points (according to updated methodology of the NSC ISSAR) [170]		600.00
Bonite of soils in points (according to updated methodology of the NSC ISSAR) [171]		600.00
Index of physical state of soils [172]		500.00
Partial bonitet of lands (winter wheat), in points [173]		600.00
Partial bonitet of lands (winter rye), in points [174]		600.00
Partial bonite of land (barley), in points [175]		600.00
Partial bonitet of land (corn), in points [176]		600.00

Title	Description	Fixed price uah
	Partial bonitet of land (sugar beet), in points [177]	600.00
	Partial bonite of lands (sunflower), in points [178]	600.00
	Weighted average angle of inclination of arable land [179]	500.00
	Natural-agricultural zoning of Ukraine [180]	750.00
	Soil-technological zoning of arable land of Ukraine in favor of minimal and zero cultivation [181]	800.00

Other maps in GIS format

Title	Description	Fixed price uah
	The natural content of trace elements - Cu, Zn, Co, Mo, Cr, Mn, Pb, Ni (8 map scheme) - in the arable layer of soils of Ukraine [182]	500.00

Title	Description	Fixed price uah
Natural content of available phosphorus in the arable layer of soils of Ukraine [183]		100.00
Natural content of available potassium in the arable layer of soils of Ukraine [184]		100.00

Internship at the Instrumental Soil Research Methods Laboratory

Title	Description	Fixed price uah
Study of theoretical aspects [185]	PhD	109.12
Study of theoretical aspects [186]	Doctor of Sciences	136.48
Joint performance of works [187]	42,45 (PhD), + cost of 1 sample	109.12

Scientific guidance for graduate students

Title	Description	Fixed price uah
PhD [188]	year	15524.70

Title	Description	Fixed price uah
Doctor of Sciences [189]	year	19417.40
Doctor of Sciences, Professor [190]	year	24539.00
Doctor of Science, Professor, Corresponding Member (Academician) [191]	year	30673.70

Estimation of the qualitative state of soils of land plots

Title	Description	Indexed price uah
Determination of the structural and aggregate composition of the soil by the sieve method in the modification of N.I.Savvinov [192]	Departure to the field is not taken into account	171.69
Determination of the density of the soil structure [193]	Departure to the field is not taken into account	171.69
Modeling and development of technological process of bioremediation of oil contaminated soils in accordance with soil-climatic conditions [194]	Calculated individually	

Title	Description	Indexed price uah
Determination of quality of mechanical remediation of oil-contaminated soils on biological parameters. Providing recommendations for the restoration of soil biological activity [195]	Calculated individually	

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