



## TRANSLATION AGENCY GLOBAL LINGO GROUP, LLC

Registration code: 43705221

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Translation of "Accreditation Record - Zhytomyr Region Phytosanitary Laboratory" from "Ukrainian" to "English"

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Svitlana Lisovska,

Director of Operations

Global Lingo Group, LLC

Dated: October 16, 2024

of February 20, 2024 Nº 201169 Addendum to Accreditation Certificate

## SCOPE OF ACCREDITATION

## STATE INSTITUTION "ZHYTOMYR REGIONAL PHYTOSANITARY LABORATORY»

(name of the testing laboratory, center)

Head of the Food Laboratory Accreditation Department NAAU [signed] Oksai

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4.	· · · · · · · · · · · · · · · · · · ·	
Seedlings (parts of branches) of fruit crops Seedlings (parts of branches) of ornamental crops Seedlings (parts of branches) of forest crops Pheromone traps Hops, nettle, jimsonweed, hemp	Grain (corn) Legumes Plants from the gourd, leguminous, cereal, aster family Pheromone traps Soil Alfalfa, clover, rapeseed, soybean, sunflower	Cut flowers, branches and leaves are intended for making bouquets, branches of coniferous and deciduous trees and Christmas trees  Material for bouquets  Tree and shrub species (seeds)  Planting material  Potted plants  Vegetables fresh or chilled  Fresh fruits  Greens fresh or chilled  Berries fresh or chilled  Fresh tower cultures  Wood, forest and sawdust materials of deciduous and coniferous species, containers, etc.
Morphological identification of the American white butterfly Hyphantria cunea Drury	Morphological identification of the western corn beetle Diabrotica virgifera virgifera Le Conte	
Methodical guidelines for the care and examination of plant and other quarantined materials, edited by O.O. Varshalovych (p. 147-160) I.D. Ustinov, O.M.Movchan, Z.D. Kudina Quarantine of plants Part 1 Quarantine pests Guide for practical classes on the basics of diagnosis and identification of quarantine objects - Kyiv - "IRIS",	PM 7/36 EPPO diagnostic protocols Diabrotica virgifera virgifera P. 4.1	O.O. Varshalovych (p. 57-143)

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	Fresh fruits and vegetables (tomatoes, potatoes, peppers, eggplants, all types of plants from the nightshade family (Solanaceae))	Cerains (seeds and grains) Legumes (seeds and grains) Cereals and legumes (seeds) Vegetable crops and fodder roots (seeds) Oilseeds, industrial crops seeds Products of grain, leguminous, oilseed and industrial crops processing Flower crops (seeds) Cut plants and their parts Cut flowers, branches and leaves intended for making bouquets, branches of coniferous and deciduous trees and Christmas trees Material for bouquets Tree and shrub species (seeds) Planting material Potted plants Vegetables fresh or chilled Root crops fresh or chilled Fresh fruits Greens fresh or chilled Berries fresh or chilled
	Morphological identification of the South American tomato moth Tuta absoluta Meyr	Mycological examination (analysis)
1995 p. 416 (p. 306-318)	SERVICE SERVICE SERVICE	SSU 4180-2003 – P. 6.2, P. 6.3, P. 6.4

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Legumes (seeds and grains)  Cereals and legumes (seeds)  Vegetable crops and fodder roots (seeds)  Oilseeds, industrial crops seeds		Root crops fresh or chilled Seed and food potatoes Other materials of plant origin (debris, soil, etc.)	Cut plants and their parts Cut flowers, branches and leaves intended for making bouquets Material for bouquets Potted plants Plants of Dendranthema genus	Root crops fresh or chilled Seed and food potatoes Other materials of plant origin (debris, soil, etc.)	Seed and food potatoes Other materials of plant origin (linen (towel), etc.) Wood, forest and sawdust materials of deciduous and coniferous species, containers, etc
Bacteriological examination (analysis)	Morphological identification of flax strand Mycosphaerella linicola Naumov	Morphological identification of potato cancer Synchytrium endobioticum (Schilbersky) Percival	Morphological identification of chrysanthemum white rust Puccinia horiana P. Hennings		
SSU 4709:2006 – P. 6.6, P. 6.7, P. 6.8, P. 6.9.2	SSU 4180-2003 – P. 7 Addendum B (p.21), Addendum B (p.28)	SSU 4180-2003 – P. 7 Addendum B (p.21), Addendum B (p.27)	SSU 4180-2003 – P. 7 Addendum B (p.17), Addendum B (p.25)	SSU 4180-2003 – P. 6.6.3	

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13.	12	
Corn plants and their parts	Seedlings (parts of branches) of fruit crops, Seedlings (parts of branches) of decorative crops, Seedlings (parts of branches) of berry crops	Cut plants and their parts Cut plants and their parts Cut flowers, branches and leaves intended for making bouquets, branches of coniferous and deciduous trees and Christmas trees Material for bouquets Tree and shrub species (seeds) Planting material Potted plants Vegetables fresh or chilled Root crops fresh or chilled Fresh fruits Greens fresh or chilled Berries fresh or chilled Berries fresh or chilled Seed and food potatoes Other materials of plant origin Stems of agricultural crops
Identification of corn Pantoea stewartii bacterial wilt by IFA method	Identification of bacterial fruit burn Erwinia amylovora (Burrill) Winslow et al. by IFA method	
SSU 4709:2006 – P. 6.9.7  PM 7/101 EPPO ELISA tests for plant pathogenic bacteria  SSU 4709:2006 – P. 7  PM 7/60 EPPO diagnostic protocols <i>Pantoea</i>	SSU 4709:2006 – P. 6.9.7 PM 7/101 EPPO ELISA tests for plant pathogenic bacteria SSU 4709:2006 – P. 7 PM 7/20 EPPO diagnostic protocols <i>Erwinia</i> amylovora n. 4.1.3	

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Flower crops (seeds) Cut plants and their parts Cut flowers, branches and leaves intended for making bouquets, branches of coniferous and deciduous trees and Christmas trees Material for bouquets Tree and shrub species (seeds) Planting material Potted plants Vegetables fresh or chilled Root crops fresh or chilled Greens fresh or chilled	Crains (seeds and grains) Legumes (seeds and grains) Cereals and legumes (seeds) Vegetable crops and fodder roots (seeds) Oilseeds, industrial crops of seeds	Soybean plants and their parts	Seed potatoes Edible potatoes Stems, parts of potato plants
	Phytohelminthological examination (analysis)	Identification of rust-brown bean leaf spot Curtobacterium flaccumfaciens pv. flaccumfaciens using PCR method	Identification of potato ring rot Clavibacter michiganensis subsp. Sepedonicum (Spieckermann & Kotthoff) using PCR method
	SSU 7406:2013 – P.5, P. 7	PM 7/100 EPPO PCR tests for identification of bacterial isolates P. 3 SSU 4709:2006 – P. 7 PM 7/102 EPPO diagnostic protocols Curtobacterium flaccumfaciens pv. flaccumfaciens P. PCR (p. 324)	stewartii P. 4.1.1.2  PM 7/100 EPPO PCR tests for identification of bacterial isolates P. 3  SSU 4709:2006 – P. 7  PM 7/59 EPPO diagnostic protocols Clavibacter sepedonicus P. 4.2.1, Appendix 5

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deciduous trees and Christmas trees	Cercals and legumes (seeds) Cercals and legumes (seeds) Vegetable crops and fodder roots (seeds) Viseeds, industrial crops seeds Products of grain, leguminous, oilseed and industrial crops processing Flower crops (seeds) Cut plants and their parts Cut flowers, branches and leaves intended for making bouquets, branches of coniferous and	Stems, bulbs, rhizomes, roots of Iris plants, tulips, gladiolus, clover	Edible potatoes Carrot Sugar beet	Seed potatoes Debris, soil	Seed and food potatoes Other materials of plant origin (linen (tow), scraps, soil, etc.) Wood, forest and sawdust materials of deciduous and coniferous species, containers, etc
	Herbal examination (analysis)		Morphological identification of potato stem nematode Ditylenchus destructor Thorne, stem nematode Ditylenchus dipsaci Filipjev	Morphological identification of the golden potato nematode Globodera rostochiensis (Wollenweber) Behrens	
	SSU 4009-2001 – P.5.2, P. 5.3		SSU 7406:2013 – P. 5,6 PM 7/87 EPPO diagnostic protocols Ditylenchus destructor and Ditylenchus dipsaci P. 4.1	SSU 7406:2013 – P. 5,6 PM 7/40 EPPO diagnostic protocols Globodera rostochiensis and Globodera pallida P. 4.1, P. 4.1.1, P. 4.1.2	

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20. Dried fruits, vegetables, root crops, spices and Planting material Fresh gourds Potted plants making bouquets, branches of coniferous and Morphological identification Tree and shrub species (seeds) Material for bouquets deciduous trees and Christmas trees Flower crops (seeds) Cut flowers, branches and leaves intended for Cut plants and their parts industrial crops processing Products of grain, leguminous, oilseed and Oilseeds, industrial crops seeds Vegetable crops and fodder roots (seeds) Grains (seeds and grains) Cereals and legumes (seeds) scraps, soil, etc.) Other materials of plant origin (linen (tow), Reserve products (food, fodder) Legumes (seeds and grains) Dried fruits, vegetables, root crops, spices and Material for bouquets Fresh gourds Potted plants Planting material Free and shrub species (seeds) longispinus Fernald (steppe) Acroptilon repens L. nightshade Solanum rostratum Dunal Morphological identification (gumai) Sorghum halepense (L.) Pers. Morphological identification of Aleppo sorghum Morphological identification of creeping mustard SSU 4009-2001 - P.6 Morphological identification of Cuscuta campestris |SSU 4009-2001 - P.6 artemisiifolia L Morphological identification of ragweed Ambrosia | SSU 4009-2001 - P.6 of of the Cenchrus prickly SSU 4009-2001 - P.6 SSU 4009-2001 - P.6 SSU 4009-2001 - P.6 Addendum B (p.12-13), Addendum B (p. 26) Addendum B (p.14-15), Addendum B (p. 25 Addendum B (p.12-13), Addendum B (p. 24) Addendum B (p.18-19), Addendum B (p. 28 Addendum B (p.10-11), Addendum B (p. 23) Addendum B (p.14-15), Addendum B (p. 25)

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23.	22.							4	21.	
Seedlings (parts of branches) of fruit crops, Identification   Seedlings (parts of branches) of decorative method	Seedlings (parts of branches) of fruit crops, Seedlings (parts of branches) of decorative crops, Seedlings (parts of branches) of berry crops	(soy, corn, potatoes, beans, cucumbers, tomatoes, tobacco)  Other materials of plant origin	Seed and food potatoes Stems of agricultural crops	Material for bouquets Planting material Potted plants	for making bouquets, branches of coniferous and deciduous trees and Christmas trees Tree and shrub species (seeds)	Seedlings of truit crops Seedlings of berry crops Cut flowers, branches and leaves are intended	Cut plants and their parts Seedlings of decorative crops	Oilseeds, industrial crops of seeds Flower crops (seeds)		Other materials of plant origin (linen (tow), scraps, soil, etc.)
Identification of Tomato ringspot nepovirus by IFA PM 7/125 ELISA tests for viruses P. 4.1	Identification of Tobacco ringspot nepovirus by IFA method								Virological examination (analysis)	
PM 7/125 ELISA tests for viruses P. 4.1	PM 7/125 ELISA tests for viruses P. 4.1 PM 7/2 EPPO diagnostic protocols <i>Tobacco</i> ringspot virus n. 3.3.1, Appendix 2	Manufacture and the second sec	A CONTRACTOR OF STREET			Security Company of the Company of t		Shkalikova, 2nd edition, corrected and supplemented, 2004. – 255 p.ß Visual diagnosis p 23.	Protection of plants from diseases, edited by V.A.	

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				odore ere for	Seeds of essential oil crops		flower and decorative crops	Seeds of one-year, two-year and nerennial			aromatic crops and fodder root crops	grasses and honeydew grasses  Seeds of vegetables and melons folder	Seeds of perennial cereal forage grasses,	agricultural crops	Seeds of arein beauty	Complants and their dispocities, grapes	Plants and their parts of soybeans, hops,	Plants and their parts of soybeans, grapes,	crops Seedlings (parts of branches) of berry
Determination of the mass of 1000 seeds	Determination of seed moisture	Determination of germination and energy of seed germination	plants	Determination of seed purity and waste	Determination of humidity	germination of germination and energy of seed	Determination of seed purity and waste	Determination of the population of seeds by pests	Determination of seed contamination by diseases	Determination of the mass of 1000 seeds	Determination of seed moisture	Determination of germination and energy of seed germination		Determination of seed purity and waste	Identification of Wheat streak mosaic virus by IFA PM 7/125 ELISA tests for viruses P. 4.1	method	Identification of Arabis	Alfalfa mosaic virus identification by IFA method	
SSU 4138-2002 - P 10	SSU 4138-2002 - P. 9	SSU 3657-97 - P. 7	SSU 2116-92 - P. 3.7	SSU 2116-92 - P. 3	SSU 7018-2009 - P 8	SSU 7018-2009 - P. 7	SSU 7018-2009 - P. 6	SSU 4138-2002 - P. 12	SSU 4138-2002 - P. 11 4 2 1 P 11 4 2 5	SSU 4138-2002 - P. 10	SSU 4138-2002 - P. 9	SSU 4138-2002 - P. 7	SSU 4138-2002 - P. 6	SSI 4138-2002 B &	PM 7/125 ELISA tests for viruses P, 4,1	The second restriction of the second	mosaic virus by IFA PM 7/13611118A	PM 7/125 ELISA tents for virgues P. 4.1	ringspot nepovirus P. DAS-ELISA (p. 317)

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Determination of the population of seeds by pests SSU 3303-96, P.7

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