

WORLD CONGRESS PALTA · AVOCADO · AGUACATE

MONDAY November 12th

TIME	HOTEL SHERATON MIRAMAR	
9:00 - 22:00	REGISTRATION	
19:00 - 20:00	OPENING CEREMONY	
20:00	WELCOME COCKTAIL	

TUESDAY November 13th

TIME	CONVENTION CENTER HOTEL DEL MAR	
8:00 - 20:00	SECRETARIAT OPEN DESK	
8:30 - 9:00	POSTERS SET UP	
9:00 - 11:00	ORAL SESSIONS	
11:00 - 11:30	COFFEE BREAK	
11:30 - 13:10	ORAL SESSIONS	
13:10 - 14:30	LUNCH	
14:30 - 15:15	POSTER SESSIONS	Posters Room
15:15 - 17:15	ORAL SESSIONS	
17:15 - 17:30	COFFEE BREAK	
17:30 - 19:00	ROUND TABLE DISCUSSIONS	Estrella Room

WEDNESDAY November 14th

THURSDAY November 15th

TIME	FIELD TRIP / ESCUELA DE CABALLERÍA	
7:00 - 20:00	SECRETARIAT OPEN DESK	
7:30 - 13:30	FIELD TRIP (Alternatives and confirmation at Secretariat)	
13:30 - 16:00	COUNTRY STYLE LUNCH Escuela de Caballería · Quillota	
16:00 - 17:00	GUIDED VISIT ESCUELA	
17:00 - 18:00	EQUESTRIAN SHOW	
18:00	TRANSFER TO VIÑA DEL MAR	

FRIDAY November 16th

TIME	CONVENTION CENTER HOTEL DEL MAR / SPORTING CLUB	
8:00 - 20:00	SECRETARIAT OPEN DESK	
9:00 - 11:00	ORAL SESSIONS	
11:00 - 11:30	COFFEE BREAK	
11:30 - 13:10	ORAL SESSIONS	
13:10 - 14:30	LUNCH	
14:30 - 16:30	ROUND TABLE DISCUSSION	Estrella Room
16:30 - 17:00	COFFEE BREAK	
17:00 - 18:00	PLENARY SESSION	Estrella Room
20:00	TRANSFER TO SPORTING CLUB	
20:30	COCKTAIL & CLOSING DINNER	Sporting Club

PROGRAM · TUESDAY, NOVEMBER 13TH

TIME	CONVENTION CENTER HOTEL DEL MAR
8:00 - 20:00	Open Desk Secretariat
8:30 - 9:00	Poster set up
9:00 - 11:00	Oral Sessions
11:00 - 11:30	Coffee Break
11:30 - 13:10	Oral Sessions
13:10 - 14:30	Lunch
14:30 - 15:15	Poster Sessions Posters Room
15:15 - 17:15	Oral Sessions
17:15 - 17:30	Coffee Break
17:30 - 19:00	Round Table Discussion Estrella Room

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GENETIC RESOURCES

2

PESTS AND DISEASES

3

CULTURE MANAGEMENT

4





POST HARVEST / PROCESSING

5

MARKETING

TUESDAY 13TH
Sessions





1a GENETIC RESOURCES, PROPAGATION AND ROOTSTOCKS

Time	Abstract	Presenter	▶ Code	Language
09:00-09:20	OPTIMIZING THE REPLANTING OF ORCHARDS INFESTED WITH <i>Phytophthora cinnamomi</i> .	Larry Rose	1	
09:20-09:40	GROWTH AND PHYSIOLOGICAL RESPONSE OF 'HASS' AVOCADO (<i>Persea americana</i> MILL.) ON CLONAL ROOTSTOCKS IRRIGATED WITH ISOTONIC SOLUTIONS WITH INCREASING CHLORIDE CONCENTRATIONS.	Carol Lovatt	2	
09:40-10:00	ANATOMICAL AND MORPHOLOGICAL CHARACTERIZATION OF ROOTS OF SEEDLING AND CLONAL AVOCADO (<i>Persea americana</i> MILL) ROOTSTOCKS.	Claudia Fassio	3	
10:00-10:20	HISTOLOGICAL CHARACTERIZATION OF XYLEM VESSEL ON STEMS AND CAVITATION VULNERABILITY IN AVOCADO ROOTSTOCKS (<i>Persea americana</i> MILL) AND HASS VARIETY IN NURSERY PLANTS.	Mónica Castro	4	
10:20-10:40	PRACTICAL VALUE OF THE ALLESBESTE MICRO CLONING TECHNIQUE.	Abraham Isak de Villiers	5	
10:40-11:00	INFLUENCES OF TWO AVOCADO ROOTSTOCKS ON THE GROWTH, YIELD AND PHYSICAL QUALITY OF THE FRUIT OF SIX AVOCADO VARIETIES IN HAVANA, CUBA.	Rafael Jiménez	6	

11:00-11:30 COFFEE

1a

GENETIC RESOURCES, PROPAGATION AND ROOTSTOCKS

Time	Abstract	Presenter	Code	Language
11:30-11:50	PRELIMINARY RESULTS FROM AVOCADO ROOTSTOCK RESEARCH IN AUSTRALIA.	Anthony Whiley	7	
11:50-12:10	25 YEARS OF AVOCADO ROOTSTOCK DEVELOPMENT IN SOUTH AFRICA.	Sylvie Kremer Köhne	8	
12:10-12:30	SELECTION PROGRAM FOR AVOCADO ROOTSTOCKS TOLERANT TO WHITE ROT CAUSED BY <i>Rosellinia necatrix</i> IN SOUTHERN SPAIN (1995-2007).	Araceli Barceló Muñoz	9	
12:30-12:50	AGRONOMIC EVALUATION AND PROPAGATION OF NEW ROOTSTOCKS AND AVOCADO VARIETIES IN DIFFERENT AGRO-CLIMATIC ZONES OF CHILE.	Mónica Castro	10	
12:50-13:10	-			
13:10-14:30	LUNCH			

POSTER PRESENTATIONS (see details in pages 26-33)

 GENETIC RESOURCES, VARIETIES

Time	Abstract	Presenter	Code	Language
15:15-15:35	DISTRIBUTION AND POTENTIAL AREAS FOR COLLECTION OF <i>Persea americana</i> Mill. GERMPLASM IN MEXICO.	Alejandro Barrientos Priego	12	
15:35-15:55	ALLESBESTE NURSERY: BREEDING AND SELECTION IN SOUTH AFRICA - AN INTEGRATED APPROACH.	André Ernst	13	
15:55-16:15	EVALUATION OF TWO NEW VARIETIES OF AVOCADO TREES (<i>Persea americana</i> Mill), SIMILAR TO THOSE cv HASS VARIETIES FOUND IN CHILE.	Francisco Gardiazabal	14	
16:15-16:35	MALUMA HASS® : A NEW RELEASED CULTIVAR IN COMPARISON WITH HASS.	André Ernst	15	
16:35-16:55	INTELLECTUAL PROPERTY RIGHTS APPLICABLE TO FRUIT TREES AND THE LIKELY EFFECTS ON REGIONAL AND GLOBAL AVOCADO INDUSTRIES.	Denis Roe	16	
16:55-17:15	EVALUATION OF AVOCADO GERMPLASM USING MICRO-SATELLITE MARKERS.	Tomás Ayala	17	






3a

CULTURE MANAGEMENT, MINERAL NUTRITION

Time	Abstract	Presenter	Code	Language
09:00-09:20	IRON DEFICIENCY ON AVOCADOS; ADVANCES IN DIAGNOSIS, IMPLICATIONS IN PRODUCTIVITY AND IN RESERVE LEVELS.	Rafael Ruiz	93	
09:20-09:40	EFFECT OF FOLIARLY-APPLIED ACIDS AND FERROUS SULFATE ON IRON NUTRITION OF AVOCADO TREES.	Jonathan Crane	94	
09:40-10:00	FRUIT ANALYSIS AS AN ALTERNATIVE TO LEAF ANALYSIS FOR DIAGNOSING IRON STATUS OF AVOCADO TREE.	Bruno Razeto	95	
10:00-10:20	B, Zn AND Cu NUTRITION IN HASS AVOCADO, AND ITS EFFECTS ON CROPPING.	José M. Farré	96	
10:20-10:40	EFFECT OF FERTILIZATION WITH NITRIFICATION INHIBITORS (ENTEC® SOLUB 21) IN HASS AVOCADO TREES (Persea americana Mill).	Francisco Gardiazabal	97	
10:40-11:00	EFFECT OF A FERTILIZATION PROGRAM BASED ON N-P-K-Ca-Mg-B-Zn FOR AVOCADO (Persea americana Mill) cv. HASS ON TREE GROWTH, PRODUCTIVITY AND POST-HARVEST FRUIT QUALITY.	Francisco Gardiazabal	98	

11:00-11:30 COFFEE




3a CULTURE MANAGEMENT, MINERAL NUTRITION

Time	Abstract	Presenter	▶ Code	Language
11:30-11:50	NITRATE LEACHING IN TWO NUTRITIONAL AND WATER MANAGEMENT SYSTEMS OF AVOCADO IN MICHOACAN.	Luis Tapia	99	
11:50-12:10	VALIDATION OF FOLIAR NUTRITIONAL STANDARDS, AND IDENTIFICATION OF FOLIAR SAMPLING OPTIMAL TIME FOR HASS AVOCADO IN NAYARIT.	Isidro González Durán	100	
12:10-12:30	DETERMINATION OF NUTRIENT FOLIAR DYNAMICS CURVES FOR HASS AVOCADO FOR THE CENTRAL ZONE OF CHILE.	Claudio Hernández	101	
12:30-12:50	NUTRIENT RECYCLING BY 'HASS' AVOCADO LEAVES.	Samuel Salazar García	102	
12:50-13:10	DETERMINATION OF THE NUTRIENT ABSORPTION CURVE, USING EXTRACTOMETRIC SONDA AND FOLIAR ANALYSIS IN HASS AVOCADO (Persea americana Mill).	Marco Mattar	103	




13:10-14:30 LUNCH

POSTER PRESENTATIONS (see details in pages 26-33)

3a CULTURE MANAGEMENT, MINERAL NUTRITION

Time	Abstract	Presenter	Code	Language
15:15-15:35	YIELD BENEFITS DERIVED FROM TIMING SOIL-APPLIED FERTILIZER TO THE PHENOLOGY OF THE 'HASS' AVOCADO.	Carol Lovatt	104	
15:35-15:55	ORGANIC MATTER AND MICROORGANISMS EVALUATION ON SOILS FROM AVOCADO (<i>Persea americana</i> Mill) ORCHARDS IN URUAPAN, MI-CHOACÁN.	Salvador Aguirre	105	
15:55-16:15	SENSITIVITY AND VARIABILITY OF WATER STATUS INDICATORS IN HASS AVOCADO TREES.	Raúl Ferreyra	106	

3b CULTURE MANAGEMENT, IRRIGATION

Time	Abstract	Presenter	Code	Language
16:15-16:35	AVOCADO ROOT DISTRIBUTION DYNAMICS UNDER TWO PRESSURIZED IRRIGATION SYSTEMS IN FLAT GROUND IN QUILLOTA.	Ricardo Cautín	107	
16:35-16:55	EFFECT OF AIR CONTENT OF SOIL ON AVOCADO TREE WATER STATUS AND GROWTH.	Raúl Ferreyra	108	
16:55-17:15	DAILY TRUNK CONTRACTION IN RELATION TO A BASELINE AS AN IMPROVED CRITERION FOR IRRIGATION IN AVOCADO.	Leo Winer	109	

17:15-17:30 COFFEE






● 17:30-19:00 ROUND TABLE: POST HARVEST IN AVOCADOS

 **POST HARVEST**

Time	Abstract	Presenter	▶ Code	Language
09:00-09:20	INFLUENCE FROM MANAGEMENT AND SOIL AND WEATHER CONDITIONS ON 'SEMIL 34' AVOCADO (<i>Persea americana</i> Mill) FRUIT QUALITY IN THE DOMINICAN REPUBLIC.	María de Js Cuevas	155	
09:20-09:40	EFFECT OF THREE CALCIUM APPLICATIONS IN PRE-HARVEST ON THE BEHAVIOR OF FUERTE AVOCADO (<i>Persea americana</i> Mill.) UNDER REFRIGERATED STORAGE.	Pedro Undurraga	156	
09:40-10:00	EFFECT OF SILICON AND ASCORBIC ACID COATING ON EXTERNAL AND INTERNAL QUALITY OF AVOCADO FRUIT.	Isa Bertling	157	
10:00-10:20	PRELIMINARY STUDIES OF PHYSIOLOGICAL AND MORPHOLOGICAL INDICATORS OF POTENTIAL POOR QUALITY IN LATE SEASON NEW ZEALAND 'HASS' AVOCADOS.	Jonathan Dixon	158	
10:20-10:40	DETERMINATION OF WATER CONTENT AND SEVEN-CARBON SUGAR CONCENTRATION IN 'HASS' AVOCADOS USING NIR SPECTROSCOPY.	Robert Blakey	159	
10:40-11:00	MATURITY EVOLUTION OF ISABEL AVOCADO FRUITS (<i>Persea americana</i> Mill.), GRAFTED ON MEXICOLA STOCK.	Jóse Antonio Olaeta	160	

11:00-11:30 COFFEE

 **4a POST HARVEST**

Time	Abstract	Presenter	▶ Code	Language
11:30-11:50	SUPPRESSION OF AVOCADO RIPENING WITH NEW PALLADIUM-PROMOTED ETHYLENE SCAVENGER.	Marjolaine Meyer	161	
11:50-12:10	EFFECT OF HARVEST MATURITY OF AVOCADO (<i>Persea americana</i> MILL. CV. HASS) ON 1-METHYLCYCLOPROPENE EFFICACY.	Salvador Ochoa	162	
12:10-12:30	VARIABLE RIPENING OF FRUIT IN AVOCADO CONSIGNMENTS.	John Bower	163	
12:30-12:50	NON-DESTRUCTIVE METHODS AND OPTIMUM HARVESTING TIME OF 'SEMIL 34' AVOCADO (<i>Persea americana</i> Mill.) IN THE DOMINICAN REPUBLIC.	María de Js Cuevas	164	
12:50-13:10	EFFECT OF SIZE AND HEIGHT OF FRUIT WITHIN THE TREE ON CONTENT OF OIL IN HASS AND FUERTE AVOCADOS (<i>Persea americana</i> Mill.)	José Antonio Olaeta	165	

13:10-14:30 LUNCH

POSTER PRESENTATIONS (see details in pages 26-33)

2a PEST

Time	Abstract	Presenter	▶ Code	Language
15:15-15:35	EVALUATION OF PESTICIDE EFFECTIVENESS ON THE CONTROL OF <i>Heliethrips haemorrhoidalis</i> (THYSANOPTERA: THIRIPIDAE) ON AVOCADO TREES (<i>Persea americana</i> Mill).	Pilar Larral	45	
15:35-15:55	DEVELOPING AN ACTION THRESHOLD FOR THE PERSEA MITE ON AVOCADO.	Eric Palevsky	46	
15:55-16:15	CONTROL OF HARMFUL THYSANOPTERA ON HASS AVOCADO CROP (<i>Persea americana</i> Mill.), IN JUJUY PROVINCE, ARGENTINA.	Carlos Aguirre	47	
16:15-16:35	NATURAL ENEMIES OF THE AVOCADO LACE BUG, <i>Pseudocysta perseae</i> (HETEROPTERA: TINGIDAE) IN FLORIDA, USA.	Jorge Peña	48	
16:35-16:55	POTENTIAL INDIGENOUS AND EXOTIC PREDATORS FOR THE BIOLOGICAL CONTROL OF THE NEWLY INTRODUCED PERSEA MITE, <i>Oligonychus perseae</i> IN AVOCADO ORCHARDS OF ISRAEL.	Eric Palevsky	49	
16:55-17:15	EFFICACY OF DIFFERENT TREATMENTS AND APPLICATION METHODS ON BLACK SCALE CONTROL (<i>Saissetia oleae</i> Oliver) ON AVOCADOS.	Felipe Contador	50	

5a

MARKETING, PRODUCERS COUNTRIES AND ASSOCIATIONS



Time	Abstract	Presenter	Code	Language
09:00-09:20	THE AVOCADO INDUSTRY IN CHILE AND THE CHILEAN AVOCADO COMMITTEE.	Adolfo Ochagavía	201	
09:20-09:40	NEW ZEALAND AVOCADO PRODUCTION, MARKETS AND FUTURE CHALLENGES.	John Schnackenberg	202	
09:40-10:00	AN OVERVIEW OF THE SOUTH AFRICAN AVOCADO INDUSTRY.	Derek Donkin	203	
10:00-10:20	AUSTRALIAN INDUSTRY REPORT.	Antony Allen	204	
10:20-10:40	AVOCADO INDUSTRY IN SPAIN.	Juan Antonio Reyes	205	
10:40-11:00	ISRAELI AVOCADO INDUSTRY - STRUCTURE, DATA AND TENDENCIES.	Gabi Naamani	206	

11:00-11:30 COFFEE

5a MARKETING, PRODUCERS COUNTRIES AND ASSOCIATIONS

Time	Abstract	Presenter	Code	Language
11:30-11:50	THE MEXICAN AVOCADO INDUSTRY	Antonio Villaseñor	207	
11:50-12:10	PERUVIAN AVOCADO INDUSTRY.	Carlos Camet	208	
12:10-12:30	A REVIEW OF THE FLORIDA AVOCADO INDUSTRY.	Jonathan Crane	209	

5b MARKETING, MARKET SUBJECTS

Time	Abstract	Presenter	Code	Language
12:30-12:50	DETERMINATION OF THE MINIMUM PERCENTAGE OF DRY MATTER TO AUTHORIZE THE HARVEST OF HASS AVOCADO PEARS FOR EXPORT.	Ricardo Waissbluth	213	
12:50-13:10	U.S. HISPANICS AND THEIR PURCHASE, CONSUMPTION AND BRAND PREFERENCES WITH REGARD TO AVOCADOS.	José Luis Obregón	214	

13:10-14:30 LUNCH

POSTER PRESENTATIONS (see details in pages 26-33)


MARKETING, MARKET SUBJECTS

Time	Abstract	Presenter	Code	Language
15:15-15:35	AVOCADO AND MEDITERRANEAN INFLUENCE ON DIET, HEALTHY CHANGES IN FOOD OBSERVED WHEN INTERVENING FOOD AT WORK.	Federico Leighton	215	
15:35-15:55	AN IMPORTER VIEW OF THE EUROPEAN MARKET.	Gabriel Burunat	216	
15:55-16:15	COMPETITIVENESS INDICATORS OF THE CHILEAN AVOCADO-EXPORTING INDUSTRY.	Marco Schwartz	217	
16:15-16:35	CURRENT SITUATION, PROBLEMS AND FUTURE OF AVOCADO CROP IN PERU.	Guillermo Parodi	218	
16:35-16:55	AN ANALYSIS OF THE U.S. DEMAND FOR AVOCADO (Persea americana.)	Edward Evans	219	
16:55-17:15	STRATEGY FOR THE INCLUSION OF SMALL AND MEDIUM-SIZED AVOCADO (Persea americana) PRODUCERS IN DYNAMIC MARKETS AS A RESULT OF PHYTOSANITARY LEGAL CONTROLS FOR FRUIT TRANSPORT IN MICHOACAN, MEXICO.	Marx Aguirre	220	

POSTERS NOVEMBER 13TH - 14TH

TIME	CONVENTION CENTER HOTEL DEL MAR
8:00 - 20:00	Open Desk Secretariat
8:30 - 9:00	Poster set up
9:00 - 11:00	Oral Sessions
11:00 - 11:30	Coffee Break
11:30 - 13:10	Oral Sessions
13:10 - 14:30	Lunch
14:30 - 15:15	Poster Sessions Posters Room
15:15 - 17:15	Oral Sessions
17:15 - 17:30	Coffee Break
17:30 - 19:00	Round Table Discussion Estrella Room

¡Important!

POSTERS will be displayed Tuesday 13th and Wednesday 14th, from 9:00 to 19:00 hrs. in the Posters Room.

Authors and/or presenters will be in the Posters Room both days from 14:30 to 15:15 hrs.

1 GENETIC RESOURCES

2 PESTS AND DISEASES

3 CULTURE MANAGEMENT

4 POST HARVEST / PROCESSING

5 MARKETING

POSTERS

November 13th - 14th

1a GENETIC RESOURCES, PROPAGATION AND ROOTSTOCKS

Number	Abstract	Presenter
29	PHENOTYPIC CHARACTERIZATION OF COMMERCIAL AND ROOTSTOCK AVOCADO VARIETIES.	T. Ayala-Silva
30	EVALUATION OF THE BEHAVIOUR OF HASS PLANTS GRAFTED IN DIFFERENT ROOTSTOCKS UNDER CULTURE CONDITIONS IN COPIAPÓ VALLEY.	M. Mattar
31	MORPHOLOGICAL CHARACTERIZATION OF WEST INDIAN AVOCADO FRUITS (<i>Persea americana</i> Mill.) OF THE CANARY ISLANDS TOLERANT-RESISTANT TO <i>Phytophthora cinnamomi</i> .	L. Gallo
32	ANATOMICAL AND MORPHOLOGICAL CHANGES IN AVOCADO TREE ROOTS (<i>Persea americana</i> Mill) EXPOSED TO CONDITIONS OF HIGH MOISTURE IN SOIL.	M. Castro
33	SELECTION AND EVALUATION OF WEST INDIAN AVOCADO ROOTSTOCKS TOLERANT-RESISTANT TO ROT ROOT CAUSED BY <i>Phytophthora cinnamomi</i> Rands.	L. Gallo
34	EVALUATION TO SALINITY STRESS IN WEST INDIAN AVOCADO ROOTSTOCKS PREVIOUSLY SELECTED AS ROT ROOT TOLERANT-RESISTANT.	L. Gallo

1b GENETIC RESOURCES, VARIETIES

Number	Abstract	Presenter
35	EVALUATION OF CREOLE CULTIVARS OF AVOCADO (<i>Persea</i> spp) FROM THE COLLECTION OF INIA-CENIAP IN VENEZUELA.	E. Soto
36	PERFORMANCE AND MARKET ACCEPTIBILITY OF THE HASS-LIKE CULTIVARS GEM AND HARVEST IN SOUTH AFRICA.	Z. Van Rooyen

1b

GENETIC RESOURCES, VARIETIES

Number	Abstract	Presenter
37	Persea (AVOCADOS) PHYLOGENETIC ANALYSIS BASED ON MORPHOLOGICAL CHARACTERS: HYPOTHESIS OF SPECIES RELATIONSHIPS.	E. Campos
38	INCORPORATION AND DEVELOPMENT OF AVOCADO GERMPLASM BANK (<i>Persea americana</i> . Mill) IN CHILE.	M. Castro
39	CHARACTERIZATION OF LEAF ANATOMY IN 48 SEGREGANTS OF 'COLÍN V-33'.	A. Barrientos Priego
40	SAMPLE SIZE DETERMINATION BY BOOTSTRAP OF AVOCADO SHOOT XYLEM CHARACTERISTICS.	A. Barrientos Priego

1c

GENETIC RESOURCES, BIOTECHNOLOGY

Number	Abstract	Presenter
41	EFFECT OF LIGHT ON AVOCADO SOMATIC EMBRYOGENESIS.	E. Guzmán García
42	GENOMICS OF AVOCADO CRIOLLO FRUIT (<i>Persea americana</i> Mill. VAR. DRYMIFOLIA).	R. López-Gómez
43	COMPARATIVE STUDY OF POLYMORPHISM LEVEL, DISCRIMINATION CAPACITY AND INFORMATIVENESS OF AFLP, ISTR, SSR AND ISOENZYMES MARKERS AND AGRO-MORPHOLOGICAL TRAITS IN AVOCADO.	R. Jiménez
44	APPLICATION OF BIOTECHNOLOGIES TO AVOCADO BREEDING IN CUBA.	R. Jiménez

2a PEST

Number	Abstract	Presenter
83	PEST MANAGEMENT PROGRESS ON AVOCADO IN CHILE	S. Rodríguez
84	GENETIC STUDIES WITH ARMORED SCALES (HEMIPTERA: DIASPIDAE) AND <i>Aphytis</i> spp. (HYMENOPTERA: APHELINIDAE) ON AVOCADOS FROM VARIOUS AREAS OF THE WORLD.	M.L.Arpaia
85	FIRST REPORTS OF DAMAGES IN BRANCHES AND TRUNKS IN AVOCADO TREE PLANTATIONS CAUSED BY <i>Neotermes castaneus</i> SNYDER IN HAVANA CUBA.	R. Jiménez
86	ABOUT SOME THRIPS SPECIES ASSEMBLAGES FOUND IN AVOCADO TREES (<i>Persea americana</i> Mill) IN MEXICO.	R. M. Johansen
87	AUTOECOLOGY OF AVOCADO STEM WEEVIL <i>Copturus aguacatae</i> Kissinger (COLEOPTERA: CURCULIONIDAE) IN MICHOACAN, MEXICO.	V.M.Coria
88	EFFECT OF ALTERNATIVE PREY ON THE CONTROL OF <i>Oligonychus perseae</i> (Tuttle, Baker & Abbatiello).	J. J. González
89	THRIPS SPECIES (TYSANOPTERA) AND THEIR POPULATION DYNAMICS ON AVOCADO 'HASS' IN NAYARIT, MEXICO.	M. A. Uriás

2b

DISEASES

Number	Abstract	Presenter
90	TEMPERATURE DETERMINATION FOR OPTIMUM IN VITRO GROWTH OF <i>Phytophthora parasitica</i> Dastur. COLLECTED FROM 'HASS' AVOCADO IN MICHOACÁN, MEXICO.	L Morales-García
91	TEMPERATURE DETERMINATION FOR OPTIMUM IN VITRO GROWTH OF <i>Colletotrichum gloesporioides</i> Penz. COLLECTED FROM 'HASS' AVOCADO IN MICHOACAN, MEXICO.	L Morales-García
92	MICROPROPAGATION AND IN VITRO RESISTANCE TESTS AGAINST <i>Phytophthora cinnamomi</i> OF MEXICAN-RACE AVOCADO GENOTYPES.	R. López-Gómez

3a

CULTURE MANAGEMENT, MINERAL NUTRITION

Number	Abstract	Presenter
138	EVALUATION OF POTASSIUM SOURCES IN AVOCADO IN TANCITARO, MICH.	A. Larios
139	COMPARISON OF DIFFERENT METHODS FOR DIAGNOSIS OF IRON CHLOROSIS IN AVOCADO.	A. Neaman
140	CHARACTERIZATION OF SOILS CULTIVATED WITH AVOCADO (<i>Persea americana</i> Mill.) IN THE REGION OF VALPARAÍSO, CHILE.	C. Barrera

3b CULTURE MANAGEMENT, IRRIGATION

Number	Abstract	Presenter
141	ALTERNATE IRRIGATION OF AVOCADOS WITH MODERATE SOIL MATRIC POTENTIAL.	J.M.Hermoso
142	EFFECTS OF IRRIGATION FREQUENCY ON WATER STATUS AND HASS AVOCADO YIELDS ON A CLAY LOAM SOIL.	R. Ferreyra
143	CONSIDERATIONS BEFORE USING A DENDROMETER TO CONTROL IRRIGATION IN HASS AVOCADO.	R. Ferreyra
144	EFFECTS OF THE IRRIGATION FREQUENCY ON THE WATER STATUS AND YIELDS OF HASS AVOCADO IN SANDY LOAM SOIL.	R. Ferreyra
145	EFFECTS OF ENVIRONMENT, LEAF CHARACTERISTICS AND METHODOLOGY ON STEM WATER POTENTIAL IN AVOCADO TREES.	R. Ferreyra
146	AVOCADO FRUIT GROWTH DURING WINTER THE IMPORTANCE OF IRRIGATION BETWEEN RAINS.	L. Winer

3c CULTURE MANAGEMENT, ECOPHYSIOLOGY

Number	Abstract	Presenter
147	THERMAL AND HYDRIC BEHAVIOUR IN MEXICAN VARIETY AVOCADO (<i>Persea</i> spp) FLOWERING IN THE COASTAL NORTH-CENTER REGION OF VENEZUELA.	M. Pérez
148	PHENOLOGICAL BEHAVIOUR OF MEXICAN VARIETY AVOCADO (<i>Persea</i> spp) CULTIVARS AND HYBRIDS IN THE NORTHERN CENTRAL COASTAL REGION OF VENEZUELA.	E. Soto
149	DETERMINATION OF THE MEAN CHLOROPHYLL CONTENT OF 'HASS' AVOCADO LEAVES.	R. Cautin

3d CULTURE MANAGEMENT, FLOWERING AND FRUIT DEVELOPMENT

Number	Abstract	Presenter
150	AVOCADO POLLINATORS IN SOUTHEAST SPAIN.	J. Cueva
151	SOME REPRODUCTIVE ASPECTS OF 'HASS' AVOCADO UNDER SEMI WARM CLIMATE.	L.E. Cossio Vargas
152	FLOWER QUALITY AND REPRODUCTIVE BIOLOGY IN AVOCADO.	M.Librada Alcaraz

3e CULTURE MANAGEMENT, MANAGEMENT

Number	Abstract	Presenter
153	CONVENTIONAL AND ECOLOGICAL AVOCADO PRODUCTION.	J.M.Hermoso
154	AGRONOMY AND CULTIVATION TECHNIQUES OF HASS AVOCADO TREES IN HIGH YIELD FARMS IN THE PROVINCE OF TUCUMAN - ARGENTINA.	J.M.Hermoso

4a POST HARVEST

Number	Abstract	Presenter
187	STANDARDISING QUALITY - THE INTERNATIONAL AVOCADO ASSESSMENT MANUAL AND POCKETBOOK.	M.L.Arpaia
188	EFFECT OF CLIMATE AND WATER MANAGEMENT ON AVOCADO YIELD AND COMPONENTS IN MICHOACAN.	A. Larios
189	BEHAVIOUR OF WEST INDIAN AVOCADO FRUITS IN COMPARISON TO COMMERCIAL HASS.	L. Gallo

4a POST HARVEST

Number	Abstract	Presenter
190	EFFECT OF COLD BREAK DURING REFRIGERATED STORAGE ON CONSERVATION AND QUALITY OF HASS AVOCADOS (<i>Persea americana</i> Mill.)	P. Undurraga
191	EVALUATION OF USING 2 COATINGS AND 3 PERIODS OF REFRIGERATED STORAGE IN ISABEL AVOCADO (<i>Persea americana</i> Mill.).	P. Undurraga
192	INFLUENCE OF TEMPERATURE ON THE STORAGE QUALITY OF SOME LOCAL AVOCADO (<i>Persea americana</i> Mill) VARIETIES IN TAIWAN.	S. Jeng-Jung
193	MATURITY AND HEAT PRETREATMENT INFLUENCE ON STORAGE QUALITY AT LOW TEMPERATURE OF SOME LOCAL VARIETIES OF AVOCADO <i>Persea americana</i> Mill IN TAIWAN.	S. Jeng-Jung

4b PROCESSING

Number	Abstract	Presenter
194	COLD PRESSED AVOCADO OIL - PRE AND POSTHARVEST FACTORS THAT INFLUENCE QUALITY.	G. Throp
195	OBTAINING AND STORING POWDER AVOCADO.	M. Schwartz
196	NEW PRODUCTS OF AVOCADO (<i>Persea americana</i> Mill): PASTE AND PIECES OBTAINED BY OSMOTIC DRYING.	M. Schwartz
197	COMPARATIVE STUDY OF THE HYPOLIPIDEMIC EFFECT INDUCED BY DIFFERENT MONOUNSATURATED AVOCADO OILS.	A. Ortiz Moreno

4b PROCESSING

Number	Abstract	Presenter
198	USE OF HASS AVOCADO (<i>Persea americana</i> Mill.) SEED AS A PROCESSED PRODUCT.	J. A. Olaeta
199	CANNED AVOCADO A NEW CONCEPT FOR A NEW MARKET.	M. Cecchini
200	EVALUATION OF THREE KINDS OF PACKAGING MATERIAL IN EDRAÑOL AVOCADOS (<i>Persea americana</i> Mill.) AS FRESH-CUT PRODUCTS.	J. A. Olaeta

5a MARKETING, PRODUCERS COUNTRIES AND ASSOCIATIONS

Number	Abstract	Presenter
232	ARGENTINE AVOCADOS: TRADE AND FUTURE PERSPECTIVES.	A. Ignoto

5b MARKETING, MARKET SUBJECTS

Number	Abstract	Presenter
233	AVOCADOS IN THE PREHISPANIC TIME.	M.L. Gutiérrez

5c MARKETING, ADVERTISING AND PROMOTIONAL STRATEGIES

Number	Abstract	Presenter
234	BOOK: AVOCADO: MEXICAN GREEN GOLD, MICHOACAN'S PRIDE.	M. Villanueva

PROGRAM · WEDNESDAY, NOVEMBER 14TH

TIME CONVENTION CENTER HOTEL DEL MAR

8:00 - 20:00 Open Desk Secretariat

8:30 - 9:00 Poster set up

9:00 - 11:00 Oral Sessions

11:00 - 11:30 Coffee Break

11:30 - 13:10 Oral Sessions

13:10 - 14:30 Lunch

14:30 - 15:15 Poster Sessions Posters Room

15:15 - 17:15 Oral Sessions

17:15 - 17:30 Coffee Break

17:30 - 19:00 Round Table Discussion Estrella Room

1 GENETIC RESOURCES

2 PESTS AND DISEASES

3 CULTURE MANAGEMENT

4 POST HARVEST / PROCESSING

5 MARKETING

WEDNESDAY 14TH
Sessions

 POST HARVEST

Time	Abstract	Presenter	▶ Code	Language
09:00-09:20	INCIDENCE OF COLD STORAGE OF ESTHER AVOCADO (<i>Persea americana</i> Mill.) FRUIT ON THE OCCURRENCE OF POSTHARVEST PHYSIOLOGICAL DISORDERS.	José Ignacio Covarrubias	166	
09:20-09:40	EFFECT OF RIPENESS AND REFRIGERATED STORAGE TEMPERATURES ON THE CONSERVATION OF ISABEL AVOCADO.	Pedro Undurraga	167	
09:40-10:00	EFFECT OF TWO COATINGS AND TWO REFRIGERATED STORAGE PERIODS ON POSTHARVEST BEHAVIOUR OF HASS AVOCADOS.	Pedro Undurraga	168	
10:00-10:20	POSTHARVEST TREATMENTS USED TO REDUCE EXTERNAL CHILLING INJURY IN 'PINKERTON' AVOCADO (<i>Persea americana</i> Mill.).	Zelda Van Roogen	169	
10:20-10:40	COMMERCIAL RIPENING TRIALS WITH SOUTH AFRICAN AVOCADOS IN THE UNITED KINGDOM.	Frans Kruger	170	
10:40-11:00	-			
11:00-11:30	COFFEE			

4a

POST HARVEST



Time	Abstract	Presenter	Code	Language
11:30-11:50	STUDY OF THE EFFECT OF SMARTFRESH™ (1-METHYL-CYCLOPROPENE; 1-MCP) ON POSTHARVEST LIFE OF HASS AVOCADO.	Reinaldo Campos	171	
11:50-12:10	CHARACTERIZATION OF MATURITY PARAMETERS IN ESTHER AVOCADO (<i>Persea americana</i> Mill.) FRUITS DURING POSTHARVEST COLD STORAGE.	José Ignacio Covarrubias	172	
12:10-12:30	IDENTIFYING AND RECTIFYING COMPLACENCY IN THE SOUTH AFRICAN AVOCADO COLD CHAIN.	Richard Nelson	173	
12:30-12:50	CORRELATION OF OIL CONTENT, DRY MATTER AND PULP MOISTURE AS HARVEST INDICATOR IN HASS AVOCADO FRUIT (<i>Persea americana</i> Mill) GROWN UNDER TWO CONDITIONS OF ORCHARD IN CHINCHA PERU.	Guillermo Parodi	174	
12:50-13:10	EFFECT OF TEMPERATURE BREAK IN THE BEHAVIOR OF AVOCADO (<i>Persea americana</i> Mill) cv HASS DURING REFRIGERATED STORAGE.	Pedro Undurraga	175	

13:10-14:30 LUNCH

POSTER PRESENTATIONS (see details in pages 26-33)




1c

GENETIC RESOURCES, BIOTECHNOLOGY

Time	Abstract	Presenter	▶ Code	Language
15:15-15:35	DEVELOPMENT OF A LINKAGE MAP WITH SSR AND AFLP MARKERS IN AVOCADO.	Maria Angeles Viruel	121	
15:35-15:55	THE USE OF BRASINOLIDE FOR IN VITRO PROPAGATION AND CRYOPRESERVING CREOLE AVOCADO SHOOTS.	María del Carmen Rocha	122	


1b

GENETIC RESOURCES, VARIETIES

Time	Abstract	Presenter	▶ Code	Language
15:55-16:15	ANALYSIS OF SIMILARITY IN MORPHOLOGY OF SPECIES AND INDIVIDUALS OF THE SUBGENUS Persea.	Eduardo Campos	18	
16:15-16:35	GUIDE FOR DE IDENTIFICATION OF MATERIALES ALTERNATIVES TO 'Fuerte' AND 'Hass' BASED ON PHYLOGENETIC ANALYSIS.	Eduardo Campos	19	
16:35-16:55	RELATIONSHIPS BETWEEN HEIGHT AND PHYSIOLOGICAL, MORPHOLOGICAL, AND ANATOMICAL ASPECTS OF 39 SEEDLINGS OF 'COLIN V-33' AVOCADO.	Alejandro Barrientos Priego	20	

1a

GENETIC RESOURCES, PROPAGATION AND ROOTSTOCKS

Time	Abstract	Presenter	▶ Code	Language
16:55-17:15	AHUACATL: A COMPREHENSIVE NURSERY SOFTWARE MANAGEMENT SOLUTION.	Edrean Ernst	11	






3d

CULTURE MANAGEMENT, FLOWERING AND FRUIT DEVELOPMENT

Time	Abstract	Presenter	Code	Language
09:00-09:20	FACTORS INFLUENCING FRUIT SET OF HASS AVOCADOS IN NEW ZEALAND.	Jonathan Dixon	116	
09:20-09:40	ACHIEVING LARGER 'ETTINGER' FRUITS IN THE WESTERN GALILEE, ISRAEL.	Gad Ish-Am	117	
09:40-10:00	FRUIT SET OF 'HASS' AVOCADO WITH AG3, N APPLICATIONS AND GIRDLING.	María Cruz Espindola	118	
10:00-10:20	ALTERNATE BEARING OF THE 'HASS' AVOCADO: IDENTIFICATION OF THE MECHANISM BY WHICH FRUIT LOAD INFLUENCES RETURN BLOOM.	Alfredo López Jiménez	119	
10:20-10:40	ALTERNATE BEARING OF 'HASS' AVOCADO: CARBOHYDRATES, ARGININE AND PROLINE CONCENTRATION.	Alfredo López Jiménez	120	
10:40-11:00	ALTERNATE BEARING OF THE 'HASS' AVOCADO: THE ROLE OF CARBOHYDRATE VERSUS HORMONES.	Carol Lovatt	121	

11:00-11:30 COFFEE

3d CULTURE MANAGEMENT, FLOWERING AND FRUIT DEVELOPMENT

Time	Abstract	Presenter	▶ Code	Language
11:30-11:50	FLOWER TISSUE PRODUCED IN 'HASS' AVOCADO TREE IN RELATON TO FRUIT LOAD AND INCIDENT PAR WITHIN THE CANOPY.	Ricardo Cautín	122	
11:50-12:10	USE OF AMBIENT TEMPERATURE TO PREDICT FLORAL APPEARANCE OF 'HASS' AVOCADO.	Samuel Salazar-García	123	
12:10-12:30	DETERMINATION OF THE POLLINATION ACTIVITY OF HONEYBEES (<i>Apis mellifera</i>) IN THE AVOCADO TREE POLLINATION IN THE CENTRAL ZONE IN CHILE.	Sergio De la Cuadra	124	
12:30-12:50	EFFECT OF THE DISTANCE BETWEEN TWO COMPLEMENTARY AVOCADO CULTIVARS ON OUTCROSSING RATE IN SOUTHERN SPAIN.	Maria Librada Alcaraz	125	
12:50-13:10	SELECTION OF POTENTIAL POLLENIZERS FOR 'HASS' IN SOUTHERN SPAIN BASED ON FLOWERING SEASON AND MALE-FEMALE OVERLAP.	Maria Librada Alcaraz	126	

13:10-14:30 LUNCH

POSTER PRESENTATIONS (see details in pages 26-33)


CULTURE MANAGEMENT, ECOPHYSIOLOGY

Time	Abstract	Presenter	Code	Language
15:15-15:35	EFFECT OF WATERLOGGING ON PLANT WATER STATUS, LEAF GAS EXCHANGE AND BIOMASS OF AVOCADO (<i>Persea americana</i> Mill.)	Pilar Gil	110	
15:35-15:55	ELECTRICAL SIGNAL MEASUREMENTS AS A TOOL FOR MONITORING RESPONSES OF AVOCADO (<i>Persea americana</i> Mill.) TREES TO SOIL WATER CONTENT.	Pilar Gil	111	
15:55-16:15	SOIL AND CLIMATE CHARACTERIZATION OF THE AVOCADO-PRODUCING AREA OF MICHOACÁN, MEXICO.	José Agustín Vidales	112	
16:15-16:35	HIGH DENSITY ORCHARDS: EFFECT OF PRODUCTION ON TREE GROWTH, FLOWERING AND CROP OF HASS AVOCADOS (<i>Persea americana</i> Mill.) FOR THE YEAR FOLLOWING.	Francisco Mena	113	
16:35-16:55	EFFECT OF PRUNING TIME AND USE OF DIFFERENT GROWTH REGULATORS ON DEVELOPMENT AND FLOWERING OF AVOCADO PRUNING REGROWTH.	Francisco Mena	114	
16:55-17:15	CHARACTERIZATION OF 'HASS' AVOCADO PROLEPTIC AND SYLLEPTIC SHOOT PROPORTION IN VALPARAISO REGION, CHILE.	Jaime Salvo	115	

17:15-17:30 COFFEE


 17:30-19:00 ROUND TABLE: GENETIC RESOURCES AND PROPAGATION

 DISEASES

Time	Abstract	Presenter	▶ Code	Language
09:00-09:20	EVALUATION OF CALCIUM PHOSPHITE; MAGNESIUM PHOSPHITE AND POTASSIUM PHOSPHITE IN THE CONTROL OF <i>Phytophthora cinnamomi</i> IN HASS AVOCADO TREES (<i>Persea americana</i> Mill) GROWN IN CONTAINER.	Manel Cervera	59	
09:20-09:40	CHARACTERIZATION OF <i>Phytophthora cinnamomi</i> RANDS ISOLATES FROM THE AVOCADO-PRODUCING AREA OF MICHOACAN, MEXICO.	Blanca Lara-Chávez	60	
09:40-10:00	BIOLOGICAL CONTROL OF <i>Phytophthora cinnamomi</i> AND <i>Rosellinia necatrix</i> WITH <i>Pseudomonas chlororaphis</i> STRAINS ISOLATED FROM AVOCADO RHIZOSPHERE.	Pedro Martín	61	
10:00-10:20	AVOCADO FRUIT RESPONSES TO <i>Colletotrichum gloeosporioides</i> Penz.	Fiona Giblin	62	
10:20-10:40	METABOLISM OF EPICATECHIN BY LACCASE OF <i>Colletotrichum gloeosporioides</i> .	Dov Prusky	63	
10:40-11:00	BIOLOGICAL CONTROL OF ANTHRACNOSE (<i>Colletotrichum gloeosporioides</i> Penz) IN THE AVOCADO (<i>Persea americana</i> Mill. cv Hass) GROWING IN MICHOACAN, MEXICO.	Jose Agustín Vidales	64	

11:00-11:30 COFFEE




2b

DISEASES




Time	Abstract	Presenter	Code	Language
11:30-11:50	ACCUMULATION OF TOTAL PHENOLICS DUE TO SILICON APPLICATION IN ROOTS OF AVOCADO TREES INFECTED WITH <i>Phytophthora cinnamomi</i> .	Theo Bekker	65	
11:50-12:10	PHOSPHONATE TRUNK INJECTIONS AND BARK SPRAYS	Fiona Giblin	66	
12:10-12:30	INHIBITION OF <i>Phytophthora</i> ROOT ROT OF AVOCADO WITH POTASSIUM SILICATE APPLICATION.	Theo Bekker	67	
12:30-12:50	EVALUATION OF COMMERCIALY AVAILABLE PHOSPHONATE PRODUCTS FOR CONTROL OF <i>Phytophthora cinnamomi</i> .	Ben Faber	68	
12:50-13:10	EFFECTS OF THE S-MICROBAC ON THE CONTROL OF ROOT ROT (<i>Phytophthora cinnamomi</i> Rands) IN AVOCADO TREES (<i>Persea americana</i> Mill. cv HASS) IN MICHOACÁN, MEXICO.	Jose Agustín Vidales	69	
13:10-14:30	LUNCH			

POSTER PRESENTATIONS (see details in pages 26-33)

2b DISEASES




Time	Abstract	Presenter	Code	Language
15:15-15:35	PRELIMINARY RESULTS OF ERADICATION OF AVOCADO SUNBLOTCH VIROID (ASBVd) AND POTATO SPINDLE TUBER VIROID (PSTVd) IN AVOCADO.	Ciro Barrera	70	
15:35-15:55	APPLICATIONS FOR A NEW ONE-STEP REAL-TIME RT-PCR TEST FOR DETECTION OF AVOCADO SUNBLOTCH VIROID (ASBVd).	Roderick Bonfiglioli	71	
15:55-16:15	EFFECTIVENESS OF SOIL TREATMENTS TO PREVENT AVOCADO REPLANTING PROBLEMS.	Ximena Besoain	72	

2a PEST

Time	Abstract	Presenter	Code	Language
16:15-16:35	EVALUATION OF THE PESTICIDES EFFICACY FOR THE CONTROL OF TWO PSEUDOCOCCIDAE SPECIES INFESTING AVOCADO TREES (<i>Persea americana</i> Mill.) IN CHILE.	Renato Ripa	51	
16:35-16:55	POPULATION DYNAMICS OF PSEUDOCOCCIDS IN HASS (<i>Persea americana</i> Mill.) TREES.	Renato Ripa	52	
16:55-17:15	POPULATION DYNAMICS OF <i>Oligonychus perseae</i> (Tuttle, Baker & Abbatiello) AND ITS AUXILIARY FAUNA IN CV. HASS AVOCADO CULTURES IN SOUTHERN SPAIN.	José Gonzalez	53	



5a

MARKETING, PRODUCERS COUNTRIES AND ASSOCIATIONS

Time	Abstract	Presenter	Code	Language
09:00-09:20	ROLE OF CHILEAN AVOCADO IMPORTERS ASSOCIATION IN THE PROMOTION OF CHILEAN AVOCADOS IN THE UNITED STATES AND EXPERIENCES THAT MAY BE USED TO COMPLETE AND ENHANCE THE VIEW ON AVOCADO CHARACTERISTICS AND ITS CONSUMPTION WORLDWIDE	Jorge Covarrubias	210	
09:20-09:40	HASS AVOCADO BOARD: BUILDING CONSUMER AWARENESS AND INCREASING CATEGORY DEMAND IN THE US MARKET.	Charley Wolk	211	
09:40-10:00	AMAPWG - AVOCADO MARKETING AND PROMOTION WORKING GROUP.	Gabi Naamani	212	

5b

MARKETING, MARKET SUBJECTS

Time	Abstract	Presenter	Code	Language
10:00-10:20	AVOHQ.COM: THE VALUE OF AVOCADO MARKET INFORMATION IN THE UNITED STATES.	José Luis Obregon	221	
10:20-10:40	INFOCADO - AVOCADOS AUSTRALIA'S DATA COLLECTION SYSTEM.	Joanna Embry	222	
10:40-11:00	-			

11:00-11:30 COFFEE



MARKETING, ADVERTISING AND PROMOTIONAL STRATEGIES

Time	Abstract	Presenter	Code	Language
11:30-11:50	MHAIA & APEAM PROMOTIONAL CAMPAIGN IN THE USA.	Antonio Villaseñor	227	
11:50-12:10	MARKET SURVEY AND MARKETING CAMPAIGN: THE CASE OF THE CHILEAN AVOCADO IN THE UK.	Adolfo Ochagavía	228	
12:10-12:30	AUSTRALIAN DOMESTIC ADVERTISING AND PROMOTION STRATEGIES.	Antony Allen	229	
12:30-12:50	PROMOTIONAL CAMPAIGN OF HASS AVOCADOS IN THE CHILEAN MARKET.	Ricardo Weissbluth	230	
12:50-13:10	PROMOTION CAMPAIGN ARGENTINA 2006.	Andrés Bauzá	231	

13:10-14:30 LUNCH

POSTER PRESENTATIONS (see details in pages 26-33)


MARKETING, MARKET SUBJECTS

Time	Abstract	Presenter	▶ Code	Language
15:15-15:35	AVOCADO IN EUROPE - LAST DECADE AND FUTURE VIEW.	Gabi Naamani	223	
15:35-15:55	COMPETITIVENESS AND PRODUCTION CONVERSION OF CONVENTIONAL TO ORGANIC AVOCADO FROM MICHOACAN, 2004-2006.	Katia Villafán	224	
15:55-16:15	EXPORT STRATEGIES OF ORGANIC AVOCADO (FROM MICHOACAN) TO THE FRENCH MARKET.	Katia Villafán	225	
16:15-16:35	AVOCADO-PRODUCING CLUSTER IN THE STATE OF MICHOACAN, MÉXICO.	Katia Villafán	226	
16:35-16:55	-			
16:55-17:15	-			
17:15-17:30	COFFEE			

PROGRAM · THURSDAY, NOVEMBER 15TH

TIME	FIELD TRIP / ESCUELA DE CABALLERÍA
7:00 - 20:00	Open Desk Secretariat
7:30 - 13:30	Field Trip (Alternatives and confirmation at Secretariat)
13:30 - 16:00	Country Style Lunch Escuela de Caballería · Quillota
16:00 - 17:00	Guided visit Escuela
17:00 - 18:00	Equestrian Show
18:00	Transfer to Viña del Mar

PROGRAM · FRIDAY, NOVEMBER 16TH

TIME	CONVENTION CENTER HOTEL DEL MAR & SPORTING CLUB
8:00 - 20:00	Open Desk Secretariat
9:00 - 11:00	Oral Sessions
11:00 - 11:30	Coffee Break
11:30 - 13:10	Oral Sessions
13:10 - 14:30	Lunch
14:30 - 16:30	Round Table Discussion Estrella Room
16:30 - 17:00	Coffee Break
17:00 - 18:00	Plenary Session Estrella Room
20:00	Transfer to Sporting Club
20:30	Cocktail & Closing Dinner

1

GENETIC RESOURCES

2

PESTS AND DISEASES

3

CULTURE MANAGEMENT

4







POST HARVEST/PROCESSING

THURSDAY 15TH
Field Trip

FRIDAY 16TH
Sessions

1c

GENETIC RESOURCES, BIOTECHNOLOGY

Time	Abstract	Presenter	▶ Code	Language
09:00-09:20	MOLECULAR CHARACTERIZATION AND ANALYSIS OF GENETIC DIVERSITY IN 75 AVOCADO ACCESSIONS USING SSRs.	Maria Librada Alcaraz	23	
09:20-09:40	GENETIC TRANSFORMATION OF AVOCADO WITH S-ADENOSYLMETHIONINE HYDROLASE SAMASE) AND EVALUATION OF TRANSFORMANTS AFTER THREE YEARS.	Richard Litz	24	
09:40-10:00	EFFECT OF GENOTYPE ON TRANSFORMATION EFFICIENCY OF AVOCADO EMBRYOGENIC CULTURES.	Fernando Pliego Alfaro	25	
10:00-10:20	GENETIC RELATIONSHIP ESTIMATION OF TAIWAN AVOCADO CULTIVARS BY VOLATILE CONSTITUENTS OF LEAVES.	Iou-Zen Chen	26	
10:20-10:40	DISTINCTION OF SPECIES OF THE GENUS <i>Persea</i> THROUGH DNA POLYMORPHISMS.	Juan Carlos Reyes	27	
10:40-11:00	DEHYDRATION AND CRYO-PROTECTIVE SOLUTIONS FOR AXILLARY BUDS OF CREOLE AVOCADO (<i>Persea americana</i> Mill. var. <i>drymifolia</i>) PRODUCED in vitro.	Ignacio Vidales	28	

11:00-11:30 COFFEE



Time	Abstract	Presenter	Code	Language
11:30-11:50	BIOLOGICAL CONTROL OF OLIGONYCHUS PUNICAE HIRST (ACARI: TETRANYCHIDAE) IN MICHOACAN, MEXICO.	Silvia Rodríguez	54	
11:50-12:10	THE USE OF "ENVIRONMENT FRIENDLY" PESTICIDES IN DEALING WITH AVOCADO MITES (<i>Oligonychus perseae</i>) IN ISRAEL.	Miriam Zilberstaine	55	
12:10-12:30	EVALUATION OF FOUR CHEMICAL PRODUCTS FOR THE CONTROL OF THRIPS.	Américo Florez	56	
12:30-12:50	CONTRIBUTION TO THE KNOWLEDGE ON MEXICAN LEAFROLLERS AMORBIA EMIGRATELLA BUSCK (LEPIDOPTERA: TORTRICIDAE) IN AVOCADO ORCHARDS IN MICHOACAN, MÉXICO.	Victor Coria	57	
12:50-13:10	EVALUATION OF QUARANTINE RISK OF INTRODUCTION OF <i>Ceratitis capitata</i> IN HASS AVOCADOS FROM ARGENTINA.	Eduardo Willink	58	

13:10-14:30 LUNCH



3e

CULTURE MANAGEMENT, MANAGEMENT

Time	Abstract	Presenter	▶ Code	Language
09:00-09:20	EFFECT OF HIGH DENSITY AVOCADO ORCHARD AND ROOT RESTRICTION ON YIELD.	Leo Winer	129	
09:20-09:40	STRATEGIES FOR THE REHABILITATION OF AVOCADO ORCHARDS (Persea americana Mill) IN CHILE.	Francisco Gardiazabal	130	
09:40-10:00	EVALUATION OF SOIL TREATMENTS TO PREVENT THE PROBLEM OF REPLANTING IN AVOCADO TREES.	Gabino Reginato	131	
10:00-10:20	-			
10:20-10:40	THE DEVELOPMENT OF CANOPY MANAGEMENT STRATEGIES ACROSS AUSTRALIA.	John Leonardi	133	
10:40-11:00	-			
11:00-11:30	COFFEE			




3d

CULTURE MANAGEMENT, FLOWERING AND FRUIT DEVELOPMENT

Time	Abstract	Presenter	Code	Language
11:30-11:50	PREDICTION MODELS FOR THE IRREVERSIBLE COMMITMENT TO FLOWERING OF 'CHOQUETTE' AND 'BOOTH-8' AVOCADOS.	Luis Cossio Vargas	127	
11:50-12:10	FLORAL ORGANS REMOVAL IN AVOCADO: OPENING AND CLOSING CONTROL.	Julián Cuevas	128	

3e

CULTURE MANAGEMENT, MANAGEMENT

Time	Abstract	Presenter	Code	Language
12:10-12:30	INFLUENCE OF FRUIT LOAD, ILLUMINATION LEVEL AND BRANCH SCORING ON THE INTENSITY OF BLOOM IN AVOCADO CV. HASS.	Ricardo Cautín	135	
12:30-12:50	AUXIGRO IMPACT ON YIELD AND FRUIT SIZE IN TANCITARO, MICHOACAN. MEXICO.	José Agustín Vidales	136	
12:50-13:10	INFLUENCE OF FOUR AVOCADO ROOTSTOCKS ON THE GROWTH AND YIELD OF THE CATALINA VARIETY AT A PLANTING DISTANCE OF 10 X 5 M WITH CULTIVATIONS ASSOCIATED UNDER THE CONDITIONS OF CUBA.	Rafael Jiménez	137	

13:10-14:30 LUNCH

14:30-16:30 ROUND TABLE: HYDRIC RELATIONS, CANOPY MANAGEMENT AND THEIR EFFECT ON THE PRODUCTIVITY IN AVOCADO TREES.

16:30-17:00 COFFEE

17:00-18:00 PLENARY SESSION


 DISEASES

Time	Abstract	Presenter	Code	Language
09:00-09:20	ANTHRACNOSE: RESEARCH ON ITS CAUSING AGENT IN THE AVOCADO-PRODUCING AREA OF MICHOACAN, MEXICO.	Héctor Guillén Andrade	73	
09:20-09:40	EVALUATION OF ALTERNATIVE FUNGICIDES FOR CONTROL OF CERCOSPORA SPOT ON 'FUERTE'.	Zilungisele Mavuso	74	
09:40-10:00	AVOCADO SCAB IS NOT PRESENT IN NEW ZEALAND.	Kerry Everett	75	
10:00-10:20	WILTING DISEASE OF YOUNG AVOCADO TREES CAUSED BY <i>Neonectria radicola</i> IN ISRAEL.	Miriam Zilberstaine	76	
10:20-10:40	<i>Neofusicoccum parvum</i> and <i>Phytophthora vexans</i> : NEW AVOCADO PATHOGENS DETECTED IN ANDALUCIA.	Pedro Martín	77	
10:40-11:00	GREEN FLUORESCENT PROTEIN APPLIED TO THE STUDY OF COLONIZATION AND INFECTION OF AVOCADO TREE ROOTS BY <i>Rosellinia necatrix</i> .	Clara Pliego Prieto	78	

11:00-11:30 COFFEE

2b

DISEASES

Time	Abstract	Presenter	Code	Language
11:30-11:50	In vitro EVALUATION OF Trichoderma BULKED ISOLATES AS BIOCONTROL AGENTS OF Rosellinia necatrix Prill.	Carlos López Herrera	79	
11:50-12:10	In vitro STUDY ON THE COMPATIBILITY OF SINGLE-CONIDIUM Trichoderma sp. ISOLATES AS POTENTIAL AGENTS ON AVOCADO WHITE ROOT ROT .	Carlos López Herrera	80	
12:10-12:30	SUPPRESSION OF ROOT ROT IN AVOCADO IN SOIL OF JUJUY, ARGENTINA.	Ceferino Flores	81	
12:30-12:50	DIVERSITY OF ARBUSCULAR MYCORRHIZAL FUNGI ON AVOCADO ORCHARDS FROM MICHOACAN.	Ana Elizabeth Bárcenas	82	
12:50-13:10	-			
13:10-14:30	LUNCH			

 POST HARVEST

Time	Abstract	Presenter	▶ Code	Language
09:00-09:20	MECHANISM OF INDUCED SUSCEPTIBILITY TO POSTHARVEST DISEASE (C. gloeosporioides) THROUGH 1-MCP TREATMENTS.	Dov Prusky	176	
09:20-09:40	MECHANISMS MODULATING FUNGAL ATTACK TO AVOCADO FRUITS BY POSTHARVEST PATHOGENS AND NEW APPROACHES FOR THEIR CONTROL.	Dov Prusky	177	
09:40-10:00	STEM-END-ROT OF AVOCADO (Persea americana Mill. cv Hass) INCIDENCE AT MI-CHOACÁN, MÉXICO.	Salvador Ochoa	178	
10:00-10:20	EFFECT OF CONSTANT AND ALTERNATE TEMPERATURES ON POSTHARVEST ROT IN HASS AVOCADOS.	José María Farré	179	
10:20-10:40	POSTHARVEST ROTTING OF HASS AVOCADOS, EFFECTS OF STORAGE AND RIPENING TEMPERATURES AND INFLUENCE OF ETHYLENE.	José María Hermoso	180	
10:40-11:00	EFFECTS OF STORAGE HUMIDITY, TEMPERATURE AND HUMIDITY DURING RIPENING, AND ETHYLENE APPLICATION ON POSTHARVEST ROTS OF HASS AVOCADO.	José María Farré	181	

11:00-11:30 COFFEE

4b

PROCESSING

Time	Abstract	Presenter	Code	Language
11:30-11:50	PERFORMANCE IMPROVEMENT FOR AVOCADO OIL EXTRACTION.	Marco Schwartz	182	
11:50-12:10	EVOLUTION OF THE CONTENT OF OIL AND UNSAPONIFIABLE COMPOUNDS IN HASS, FUERTE AND ISABEL AVOCADOS (Persea americana Mill.).	José Antonio Olaeta	183	
12:10-12:30	SEASONAL PATTERNS OF ANTIOXIDANTS IN 'HASS' AVOCADO.	Samson Tesfay	184	
12:30-12:50	ANTIOXIDANT CAPACITY AND POLYPHENOL CONTENT IN AVOCADO VARIETIES IN CHILE.	Federico Leighton	185	
12:50-13:10	INNOVATIVE AVOCADO-BASED FRESH PRODUCTS: COMMERCIAL APPLICATIONS AND DEVELOPMENT OF HIGH PRESSURE PROCESSING TECHNOLOGY.	Francisco Purroy	186	

13:10-14:30 LUNCH