TESIS DOCTORAL

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ARQUITECTO

GUIA ARBOREA DE APLICACION AL BARCELONÈS Y MARESME

DIRECTOR
LLUIS RIUDOR I CAROL
DR. ARQUITECTO

ESCOLA TÈCNICA SUPERIOR D'ARQUITECTURA DE BARCELONA

UPC

1986

APARTADO I
TABLAS CROMATICAS. Ib

Ib TABLAS CROMATICAS ESTACIONALES

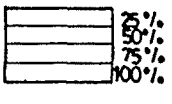
ANEXO A LOS PUNTOS 16, 18, 21, 22, 25 y 26

ESPECIE Nº

	HIVERN			PRIMAVERA			ESTIU			TARDOR		
	GEN	FEB	MAR	ABR	MAIG	JUN	JUL	AGO	SET	OCT	NOV	DES
Fulles										△		
Flors				●	●							
Fruit											○	

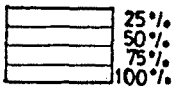
HOJAS △ EPOCA EN QUE EL COLOR DE LAS HOJAS PRESENTA UN GRAN IMPACTO VISUAL (generalmente en otoño)

FLORES ● ● EPOCA MEDIA DE DURACION DE LA FLORACION EN UN MISMO EJEMPLAR



IMPACTO DE LA FLORACION EN EL ASPECTO GENERAL DEL ARBOL

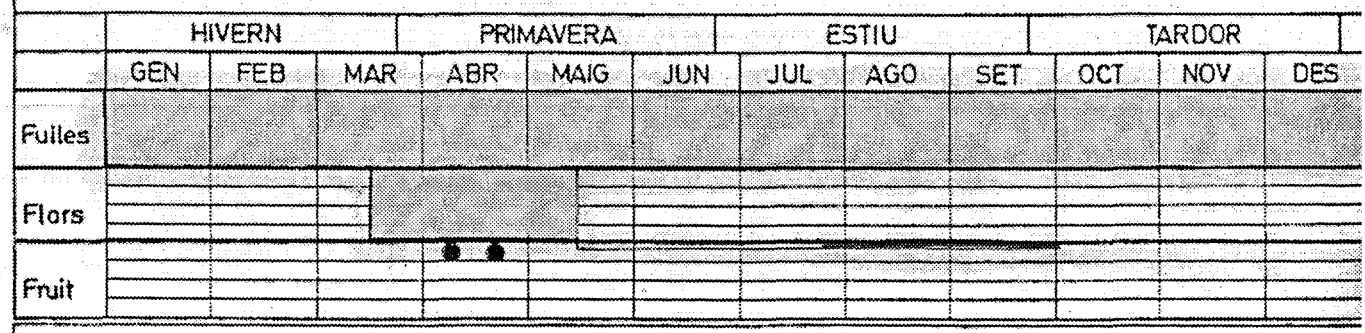
FRUTO ○ EPOCA MEDIA EN QUE EL FRUTO MADURA



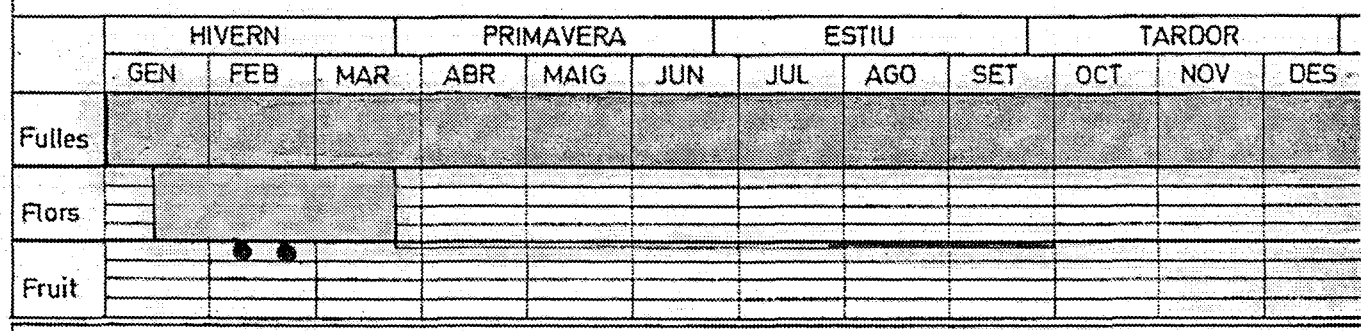
IMPACTO DEL FRUTO EN EL ASPECTO GENERAL DEL ARBOL

NOTA : Los datos han sido obtenidos experimentalmente según la media observada por el autor en los años 1983-84-85-86, en la zona del Barcelonés y Maresme

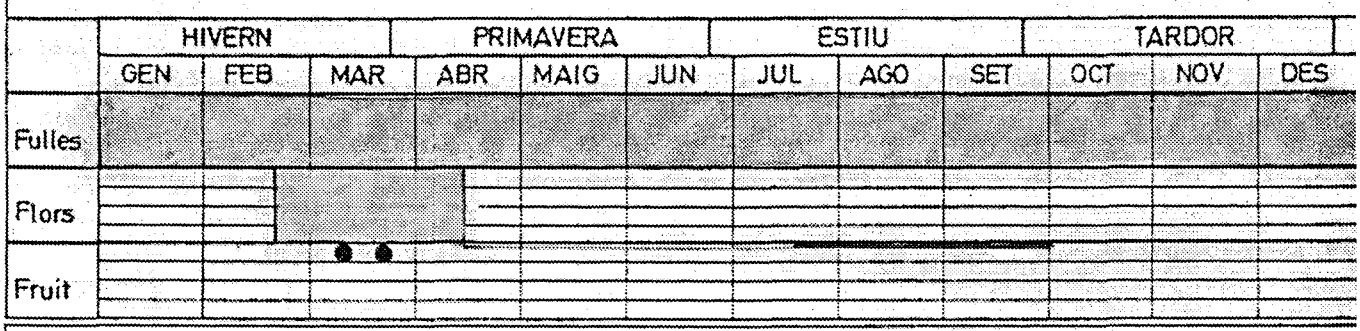
ACACIA CIANOPHYLLA 2 / AC



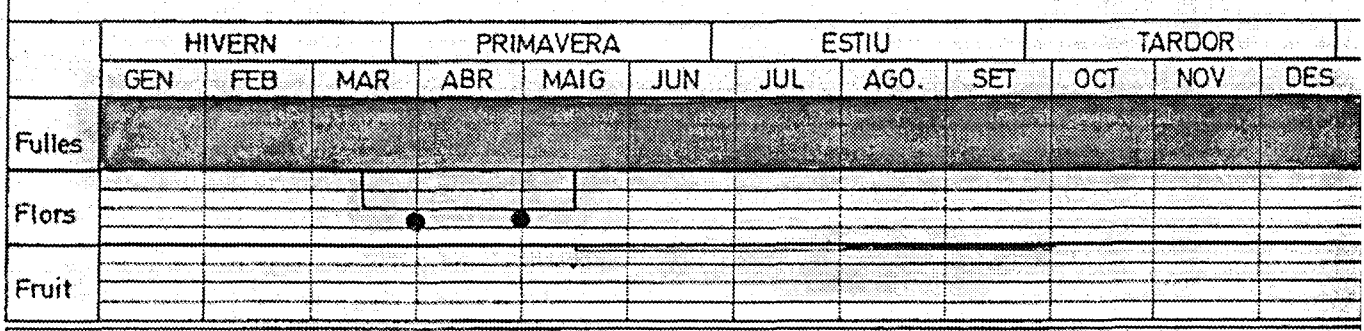
ACACIA DEALBATA 3 / AB



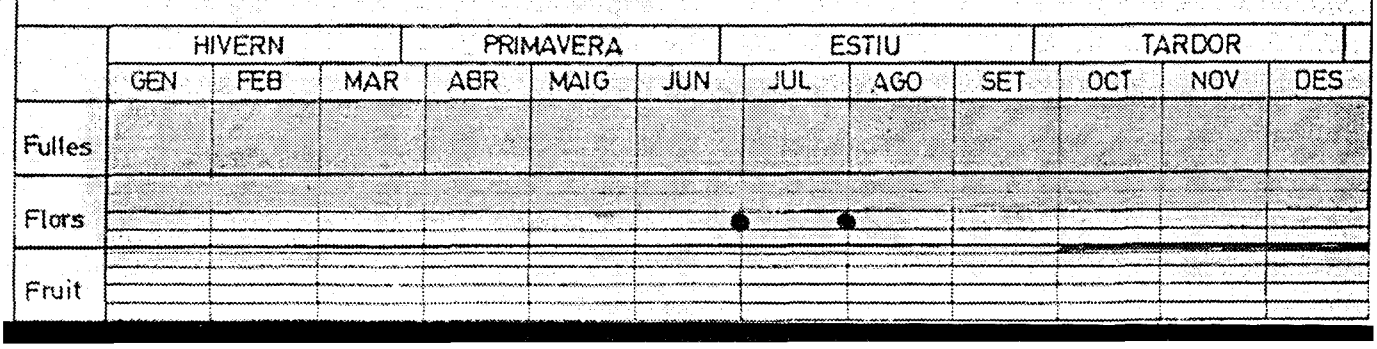
ACACIA LONGIFOLIA 4 / AC



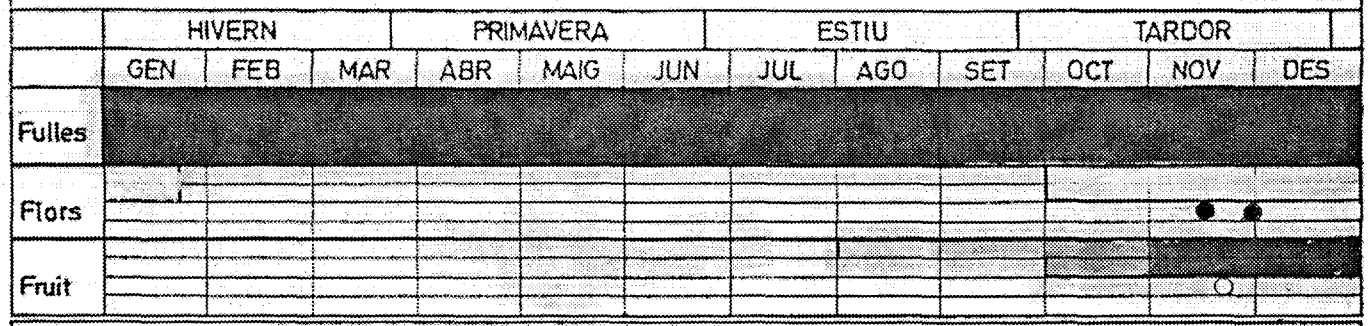
ACACIA MELANOXYLON 5 / AC



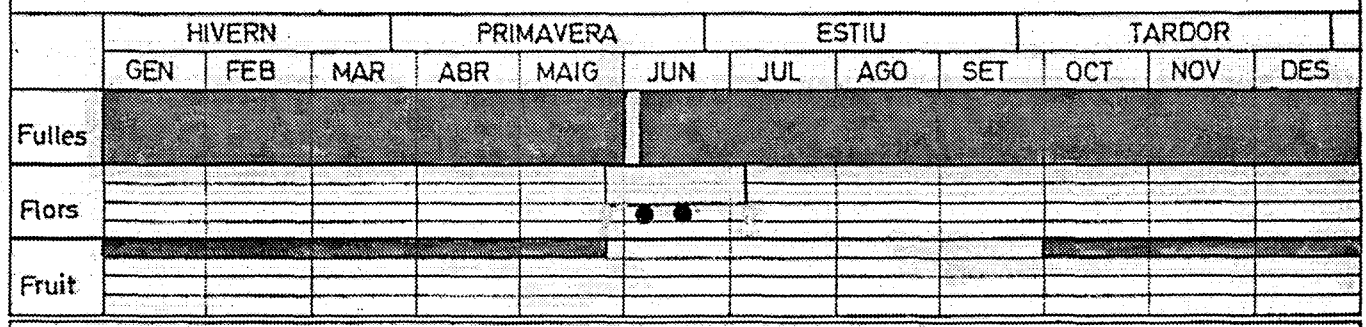
ACACIA RETINOIDES 7 / AB



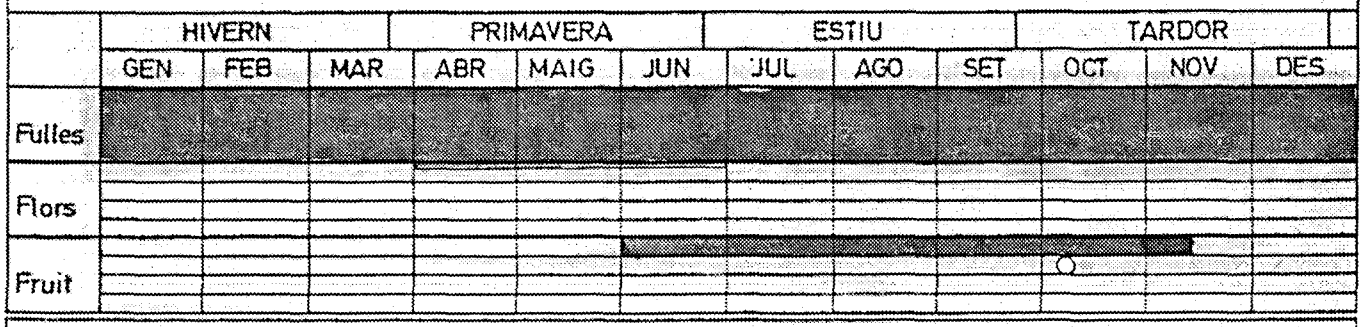
ARBUTUS UNEDO 10/AA



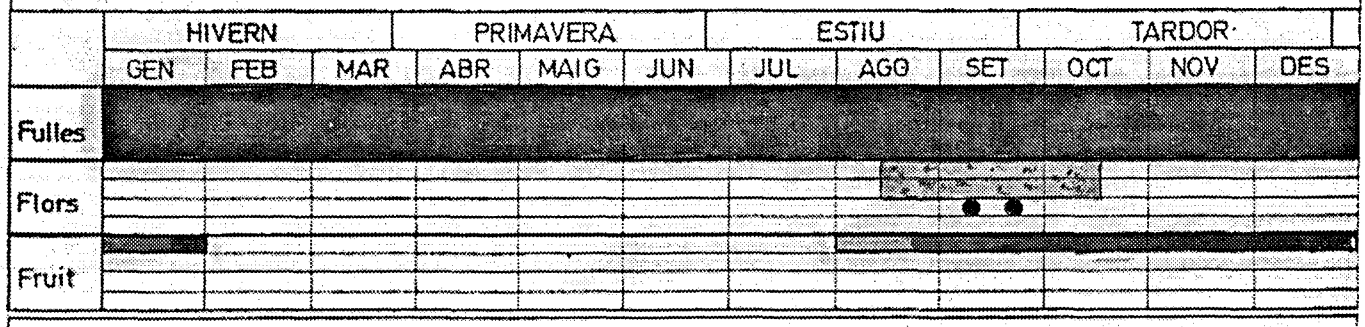
BRACHYCHITON POPULNEUM 12/AB



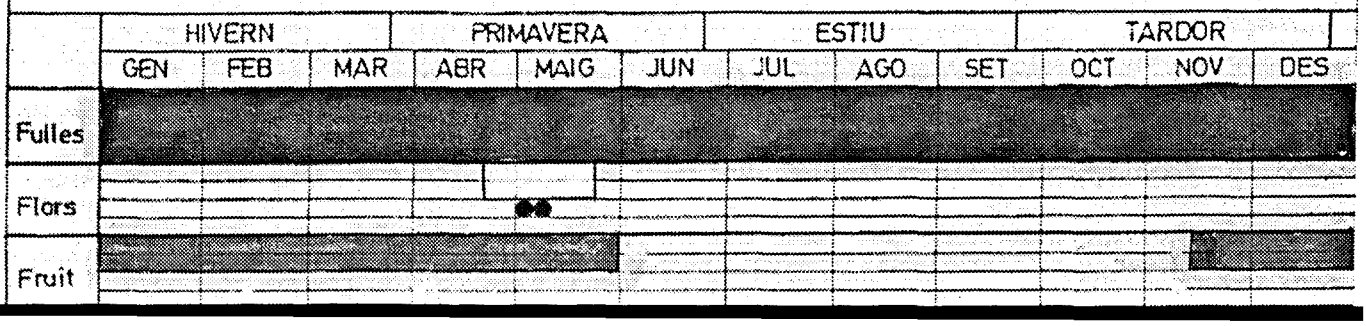
CASUARINA s.p. 16/AB



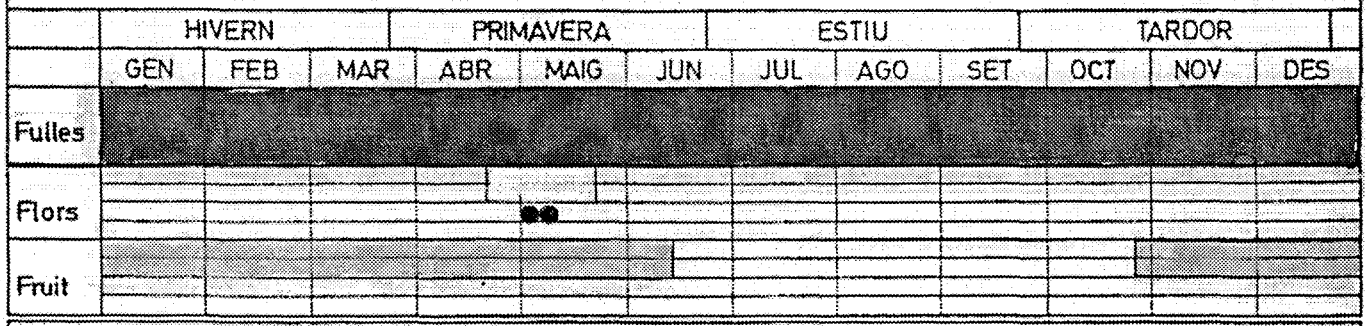
CERATONIA SILIQUA 17/AA



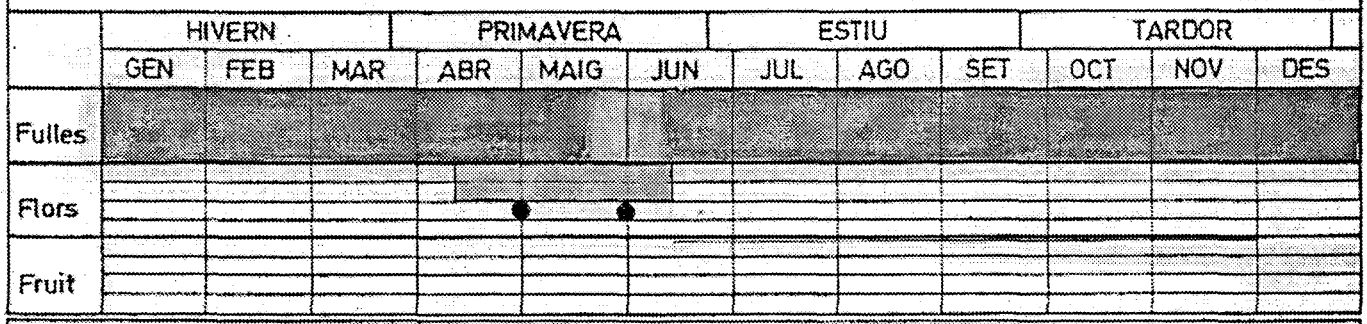
CITRUS AURANTIUM AMARA 19/AB



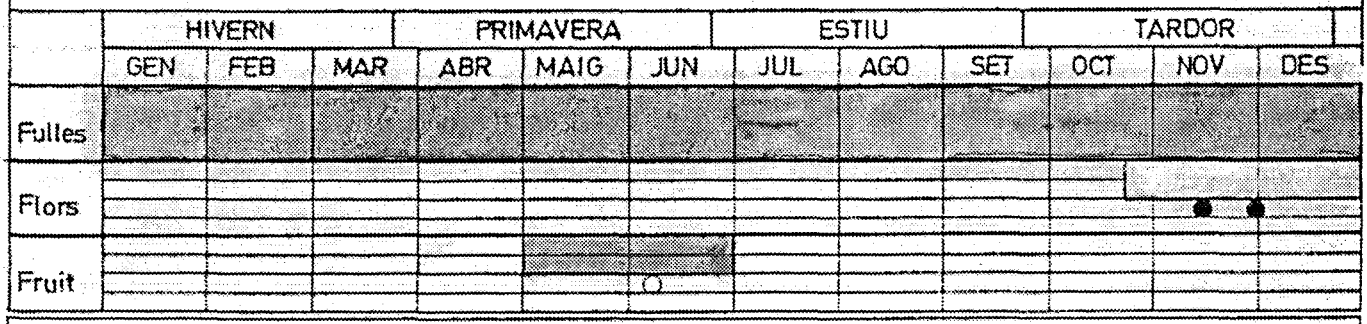
CITRUS LIMON — 21/AC



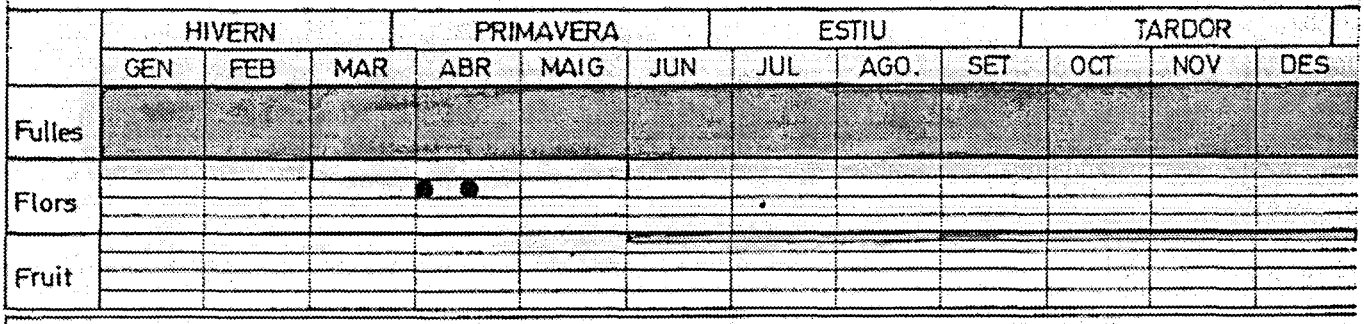
COCCULUS LAURIFOLIUS — 25/AB



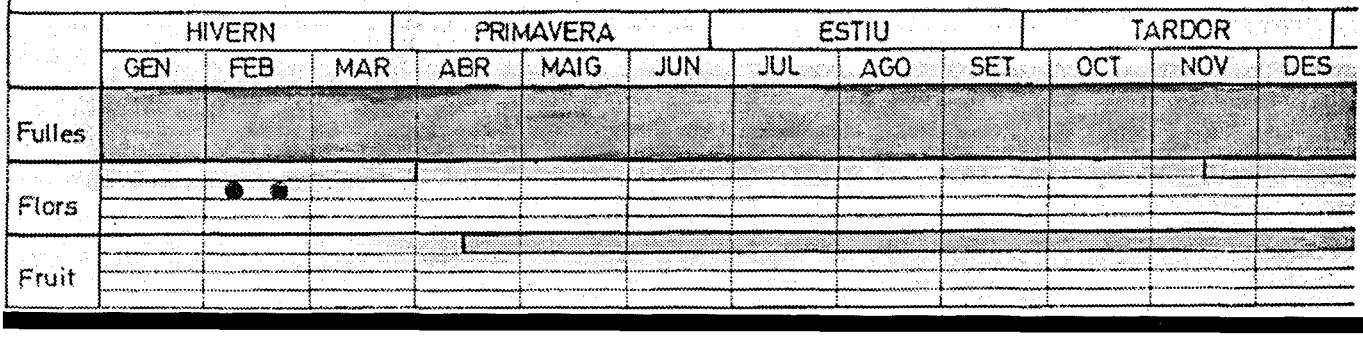
ERIOBOTRYA JAPONICA — 28/AB



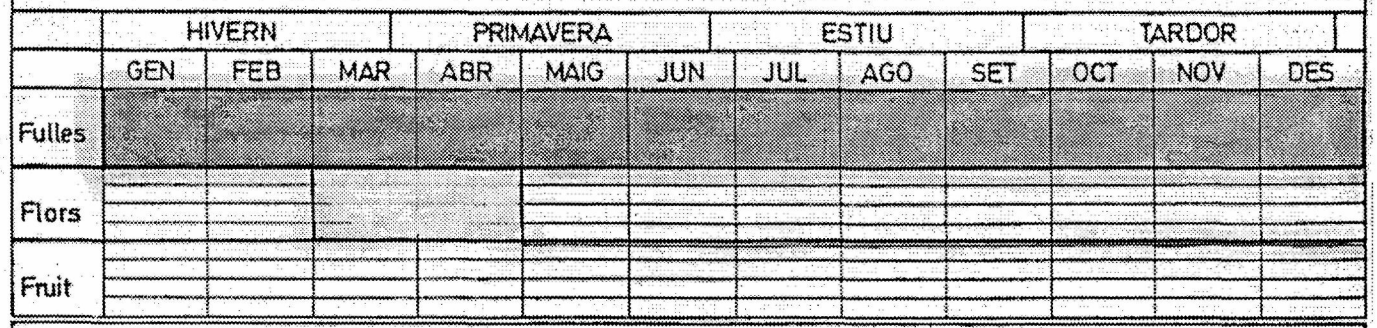
EUCALYPTUS CAMALDULENSIS — 30/AC



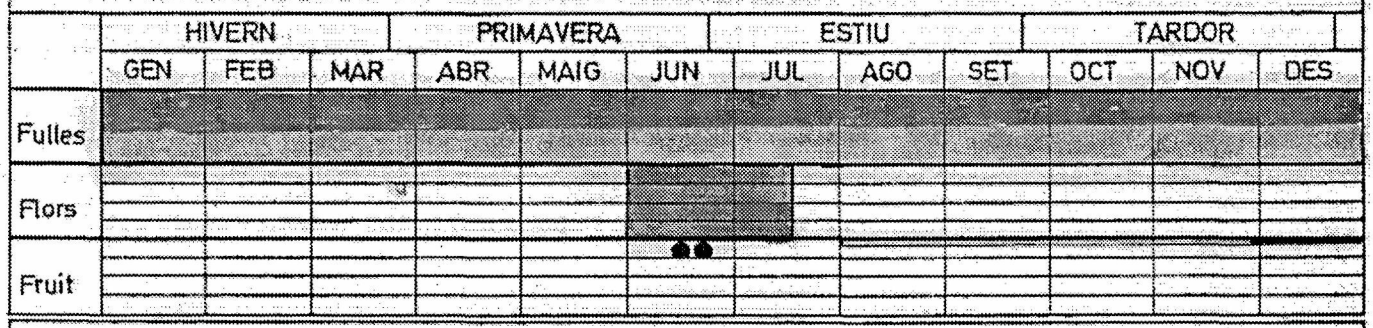
EUCALYPTUS GLOBULUS — 33/AC



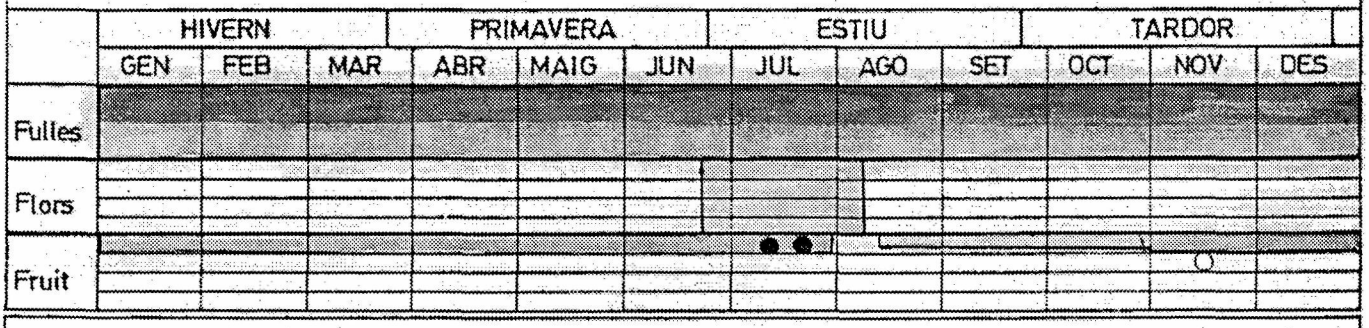
GENISTA MONOSPERMA — 44 / aB



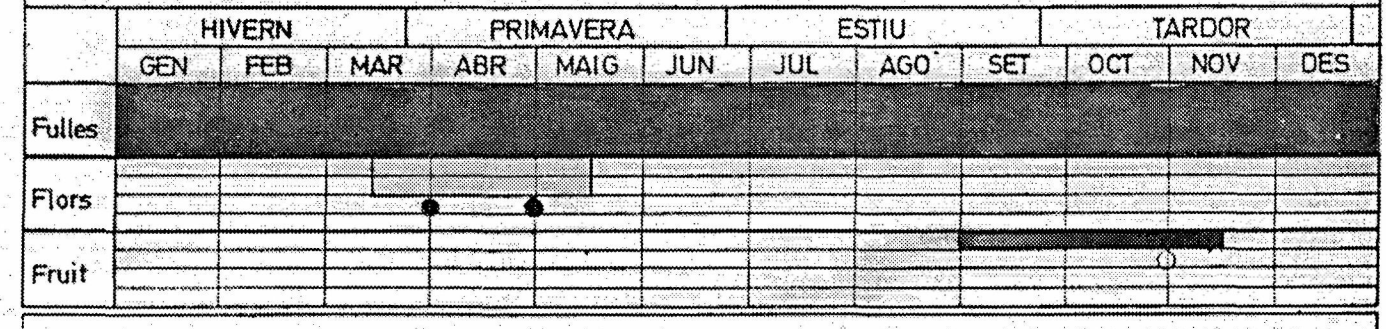
GREVILLEA ROBUSTA — 45 / AC



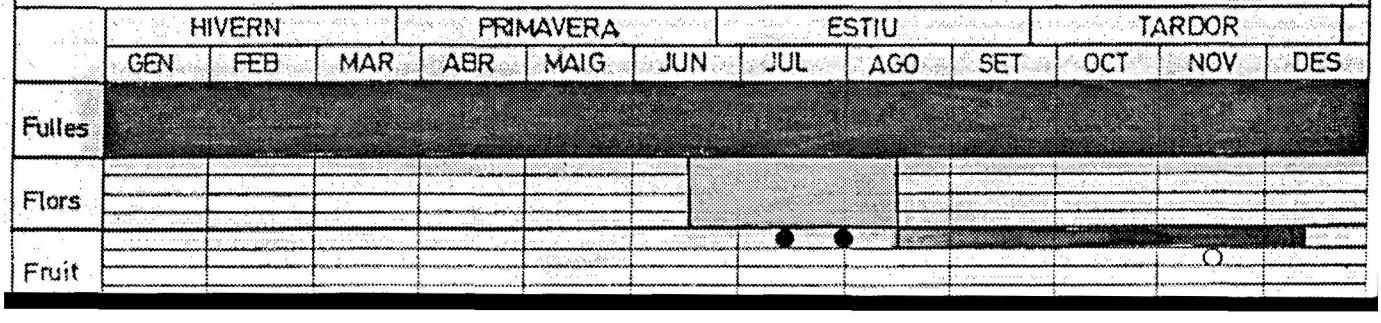
LAGUNARIA PATERSONII — 49 / AC



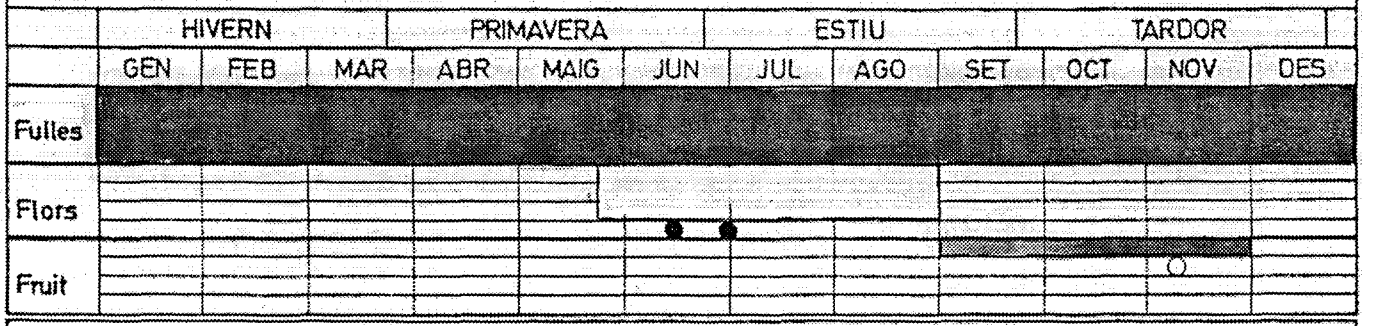
LAURUS NOBILIS — 50 / AA



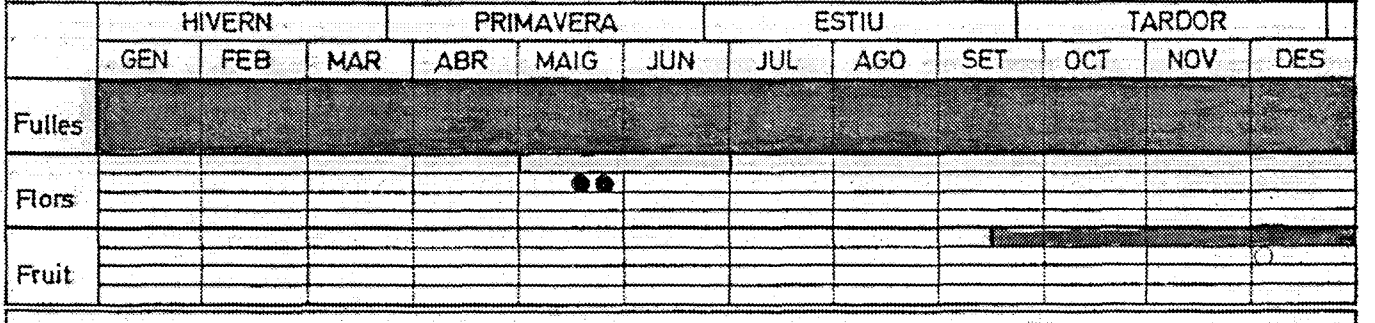
LIGUSTRUM JAPONICUM — 51 / AB



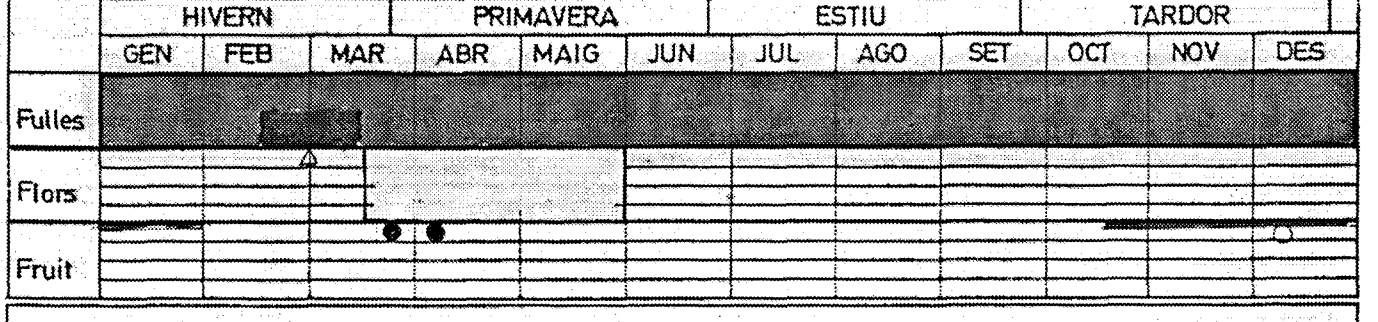
MAGNOLIA GRANDIFLORA — 56 / A B



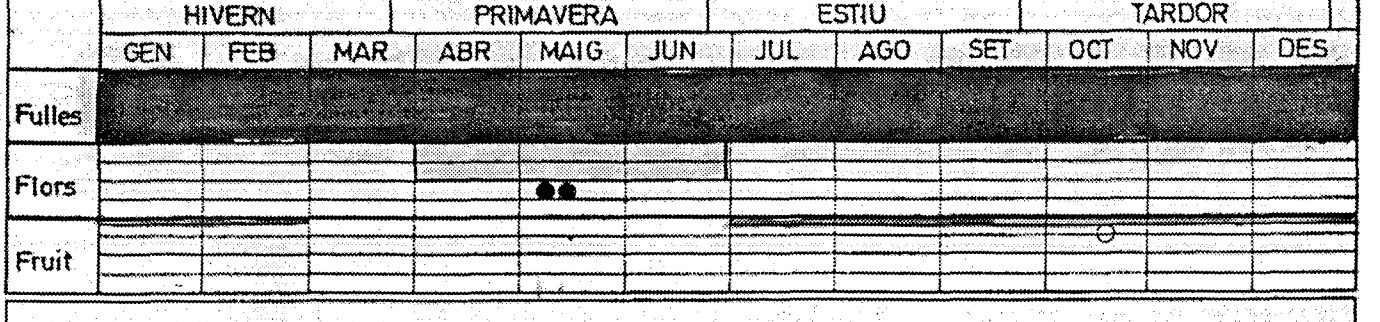
OLEA EUROPAEA - OLEA SYLVESTRIS — 58-59 / A A



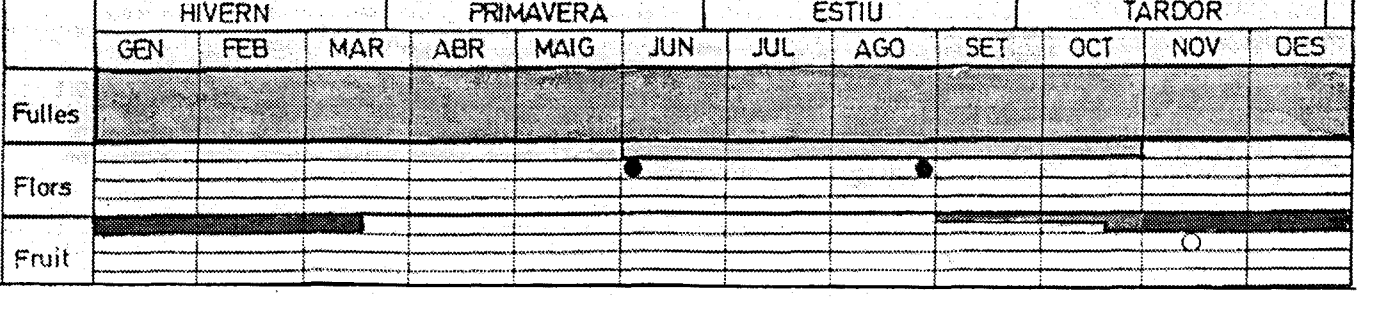
PHOTINIA SERRULATA — 62 / a C



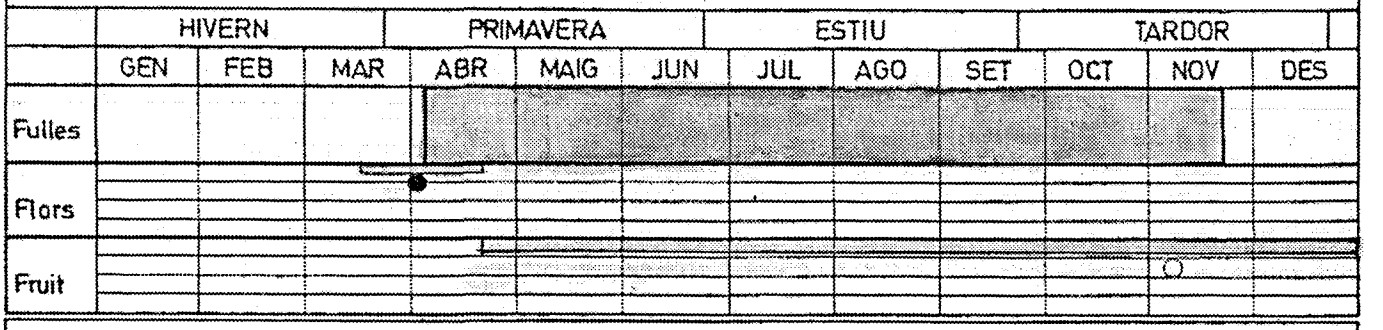
QUERCUS COCCIFERA - QUERCUS ILEX - QUERCUS SUBER — 68-69-70-71 / A A



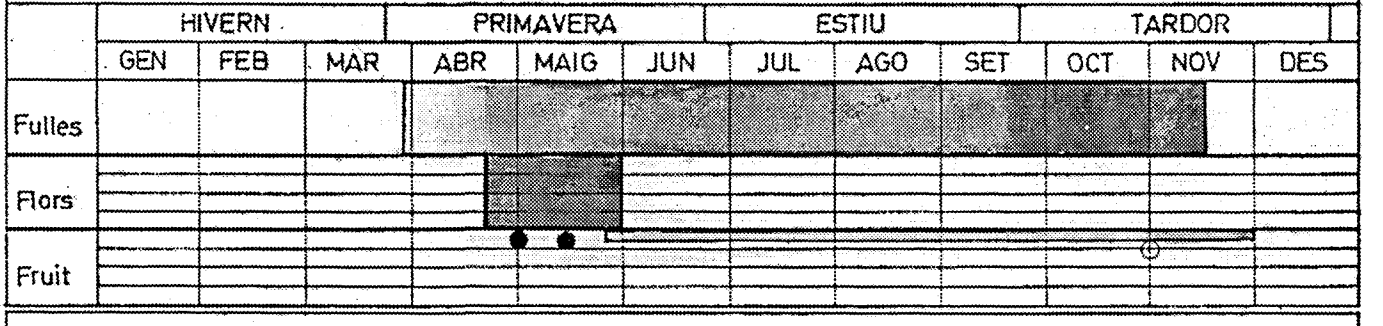
SCHINUS MOLLE — 74 / A B



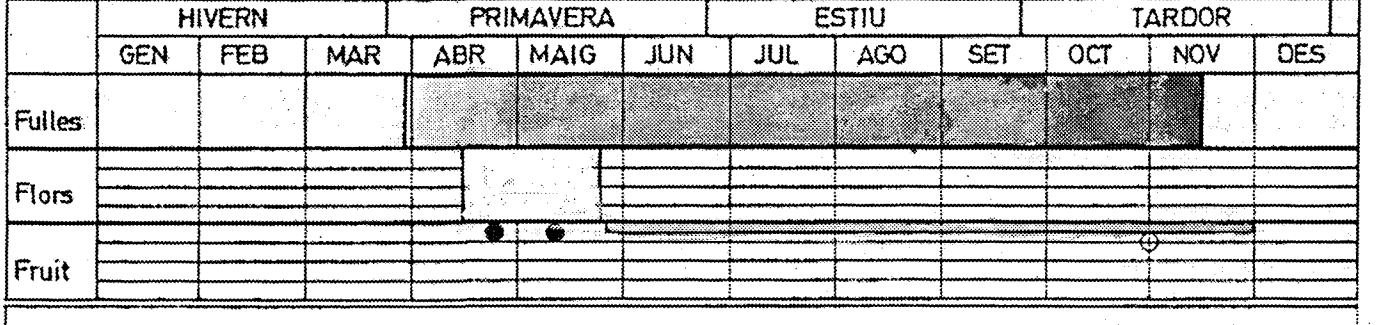
ACER NEGUNDO 86 / AB



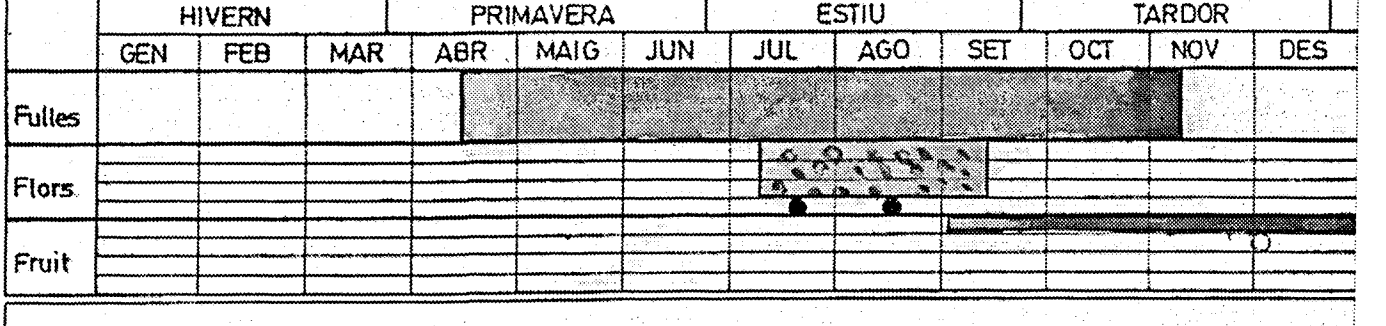
AESCULUS CARNEA 96 / AB



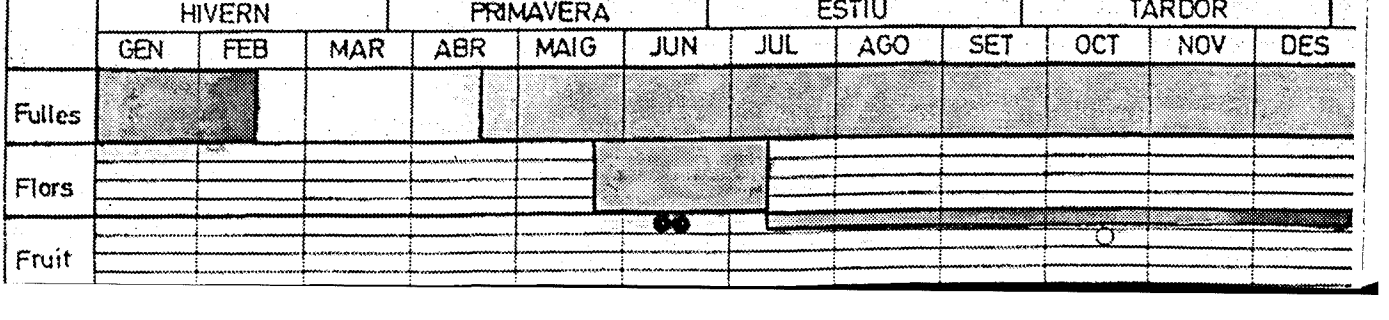
AESCULUS HIPPOCASTANUM 97 / AB



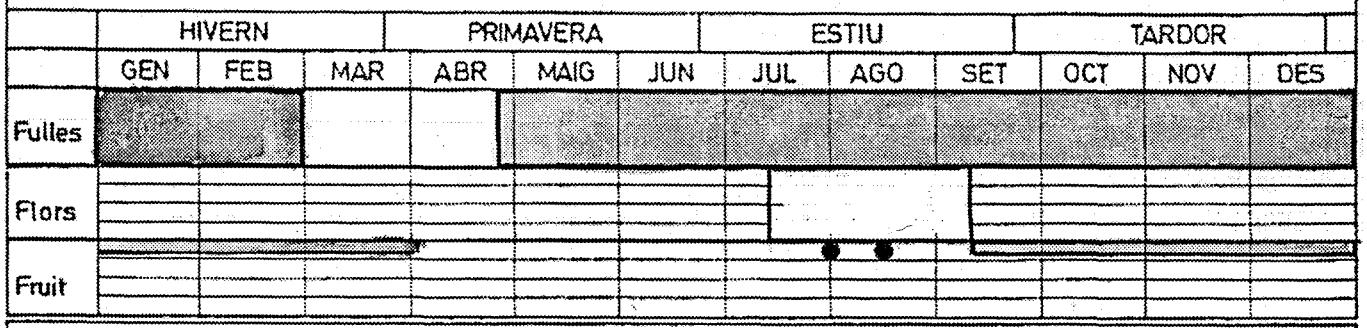
AILANTHUS ALTISSIMA 98 / AB



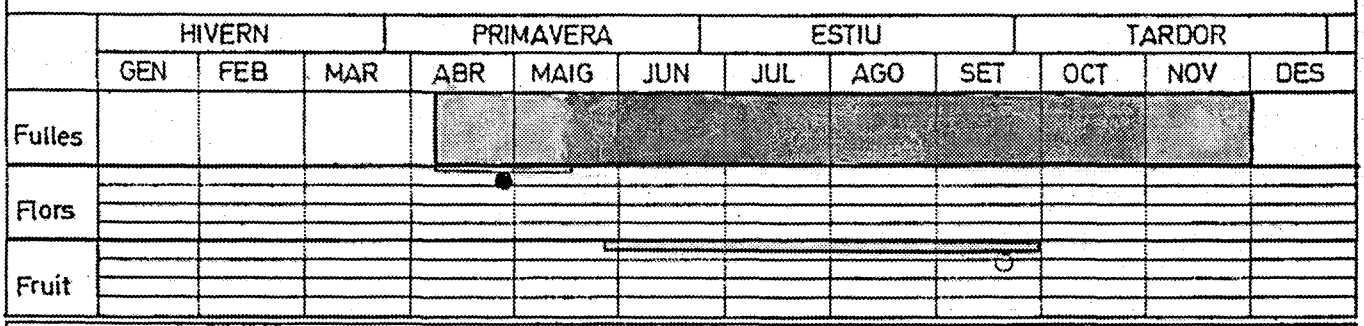
ALBIZZIA JULIBRISSIN 99 / AB



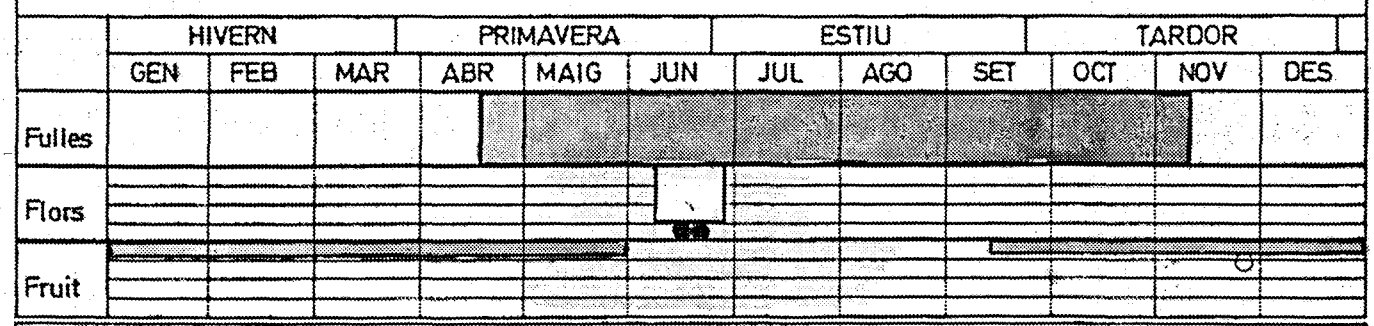
BAUHINIA GRANDIFLORA 106 / AB



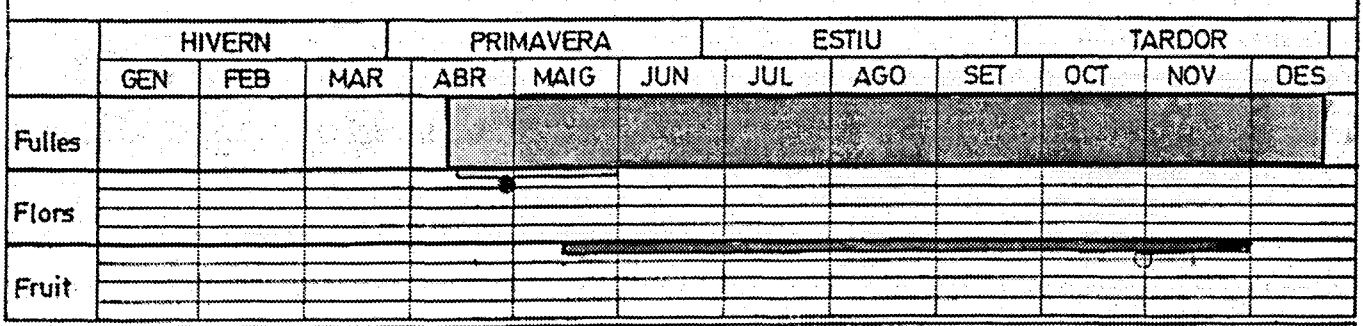
BROSSONETIA PAPYRIFERA 113 / AB



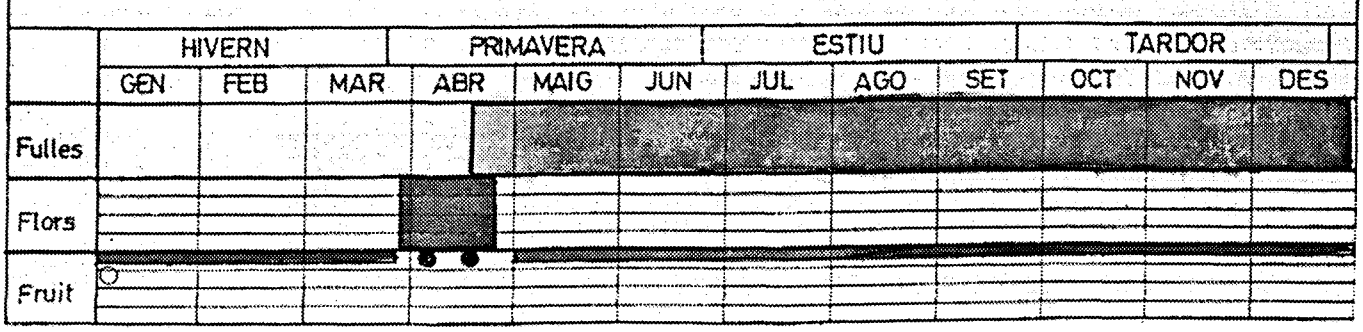
CATALPA BIGNONOIDES 118 / AC



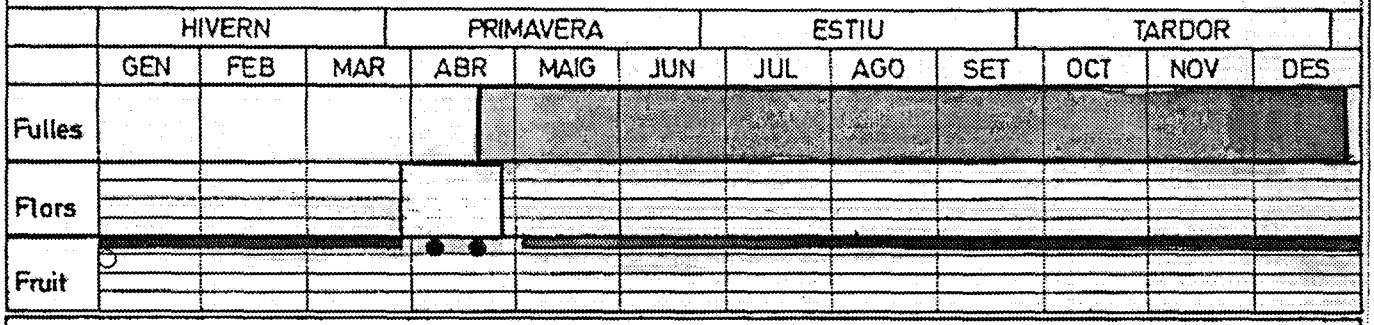
CELTIS AUSTRALIS 122 / AB



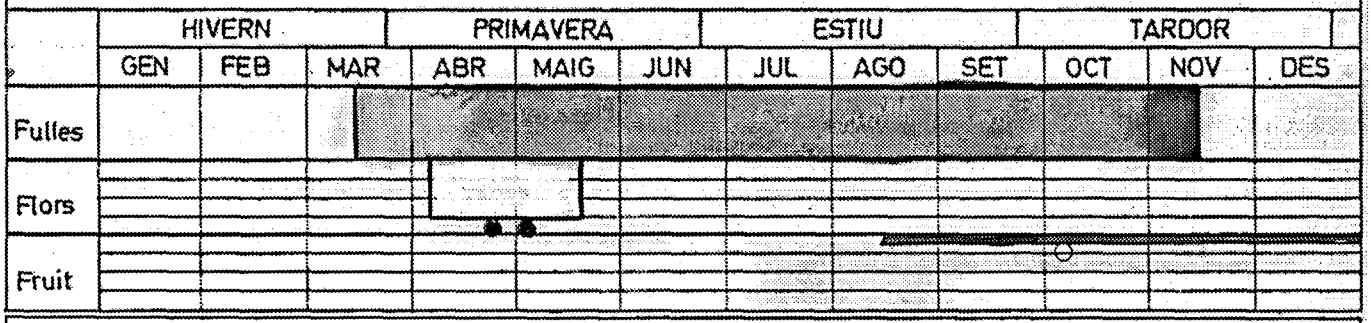
CERCIS SILIQUASTRUM 124 / AB



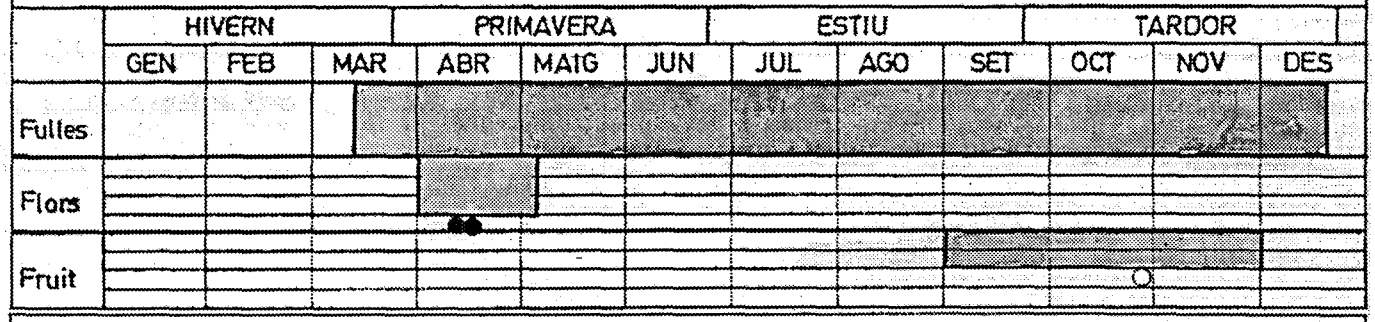
CERCIS SILIQUASTRUM ALBA 125 / AC



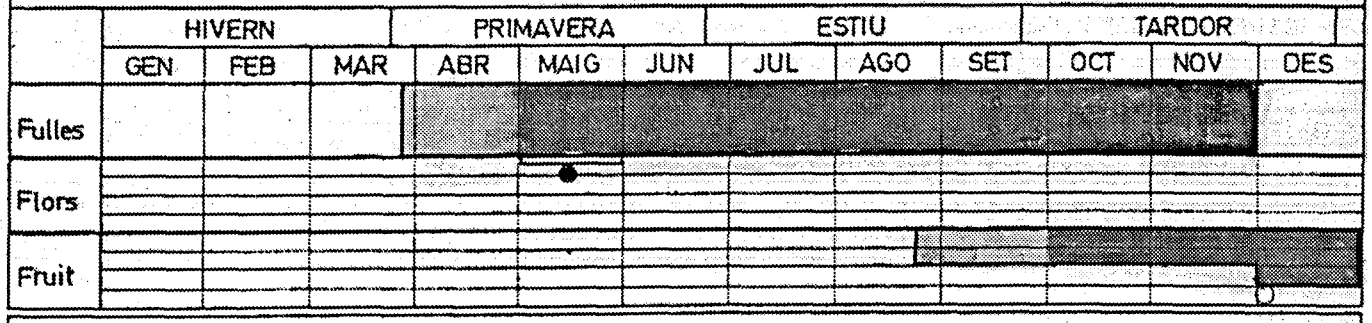
CRATAEGUS MONOGYNA 136 / AC



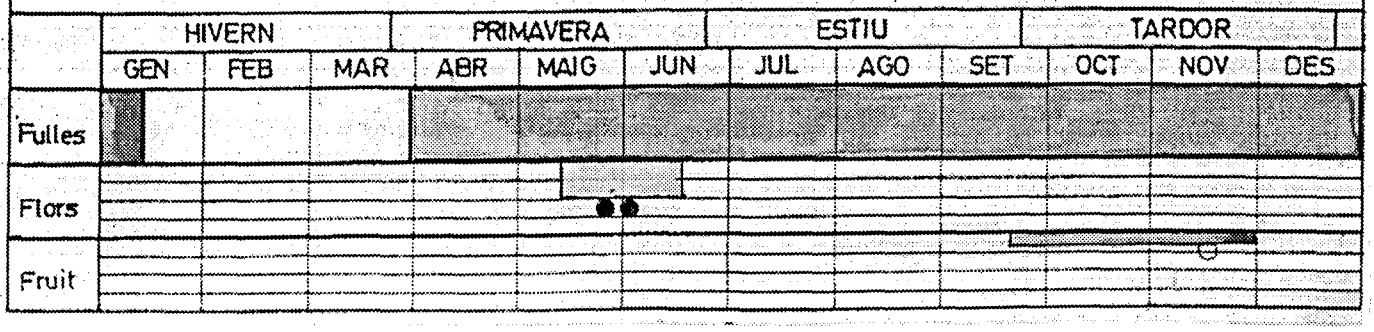
CYDONIA OBLONGA 137 / AC



DIOSPYROS KAKI 140 / AC

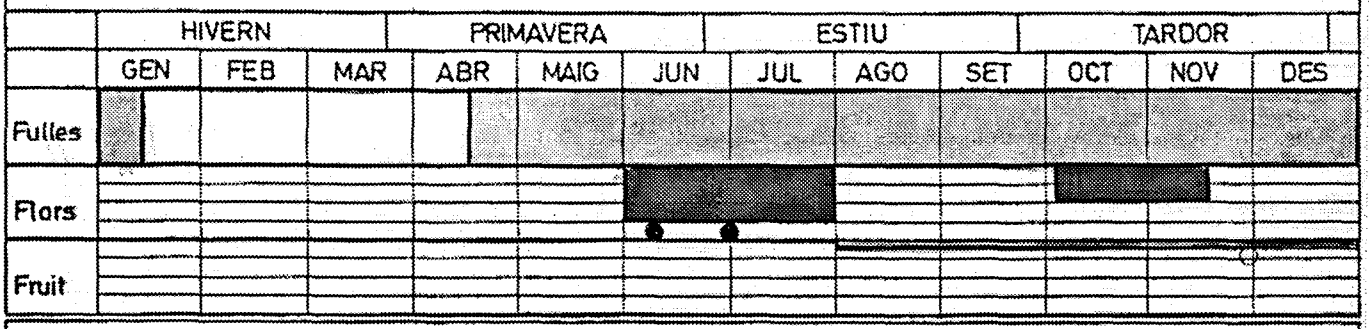


ELEAGNUS ANGUSTIFOLIA 143 / AB



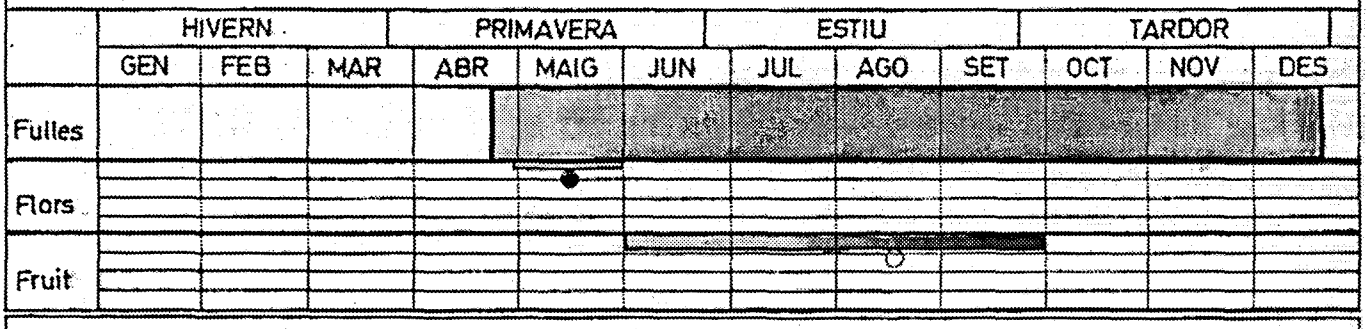
ERYTHRINA CRISTA-GALLI

146 / AC



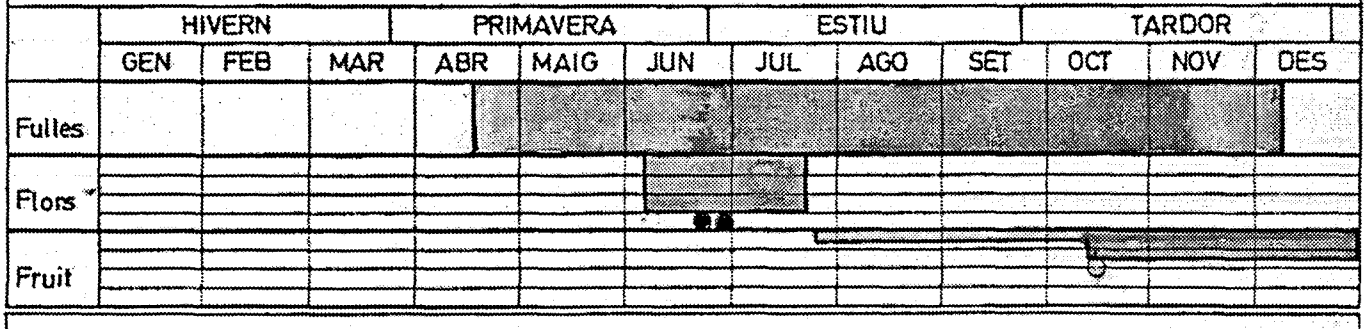
FICUS CARICA

149 / AB



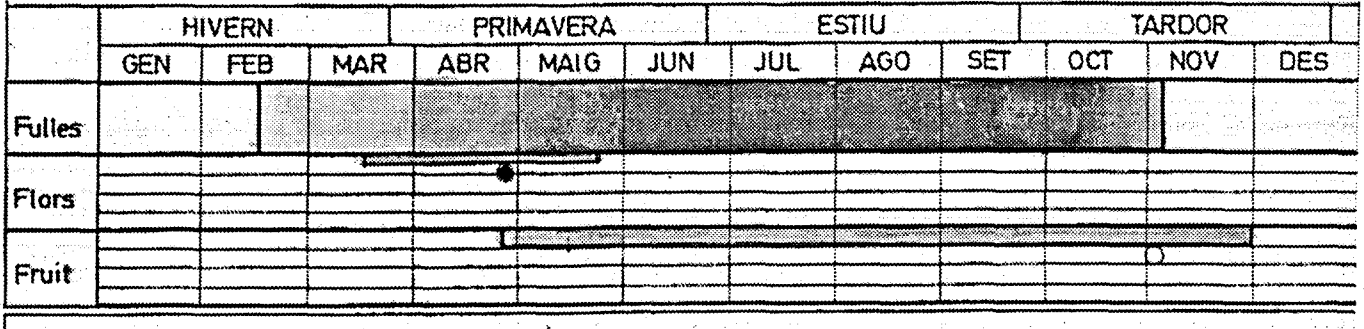
FIRMANIA SIMPLEX

150 / AB



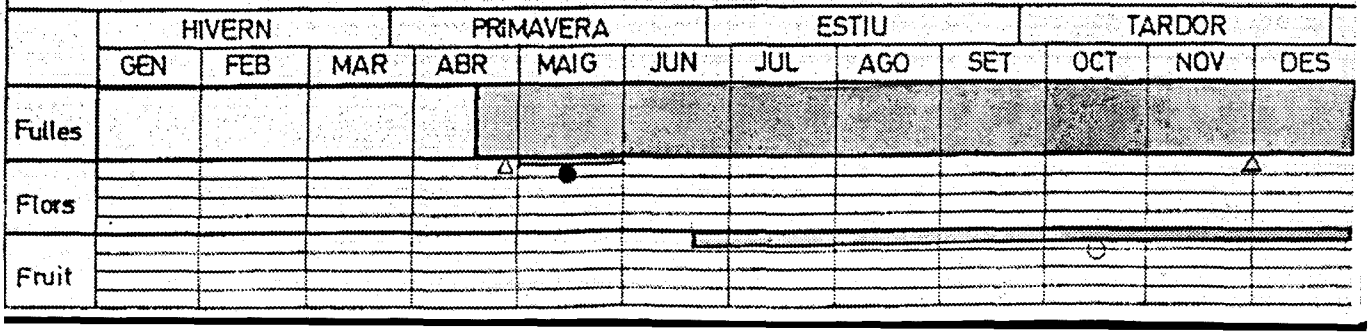
FRAXINUS BERLANDERIANA - FRAXINUS EXCELSIOR

152 / AB
153 / AP

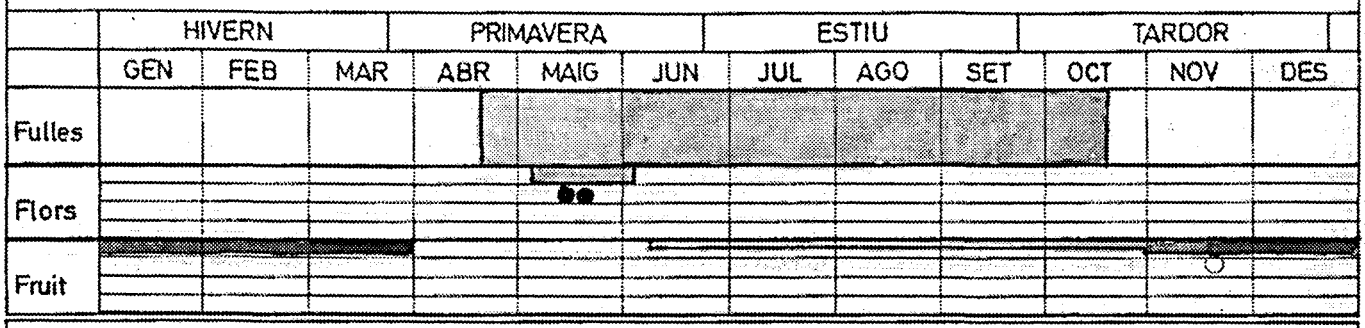


GINKGO BILOBA

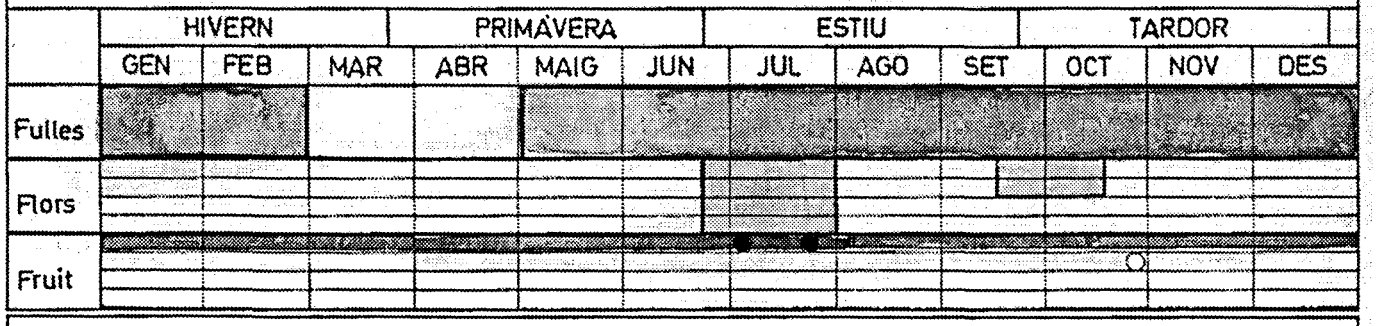
156 / AB



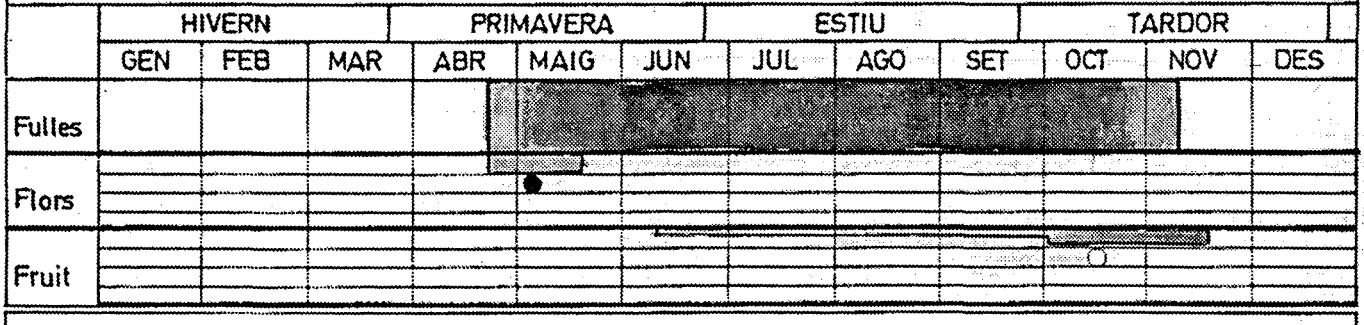
GLEDITSIA TRIACANTHOS 158 / AB



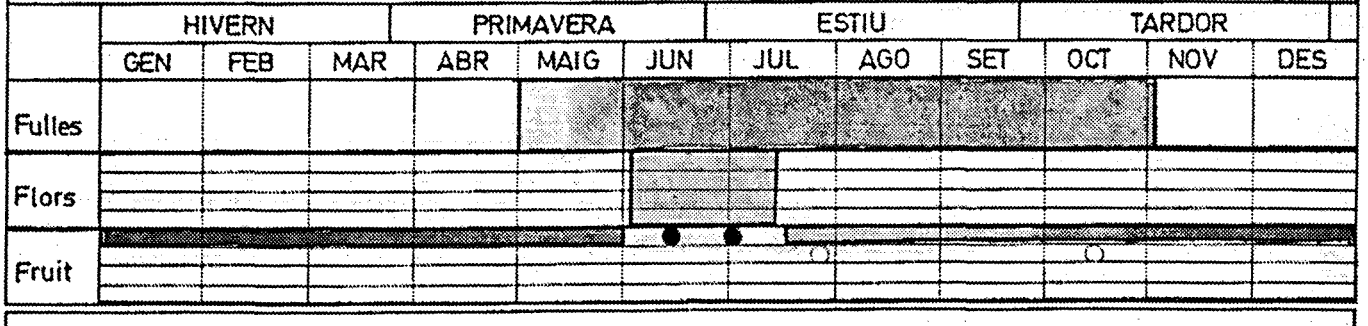
JACARANDA MIMOSIFOLIA 163 / AC



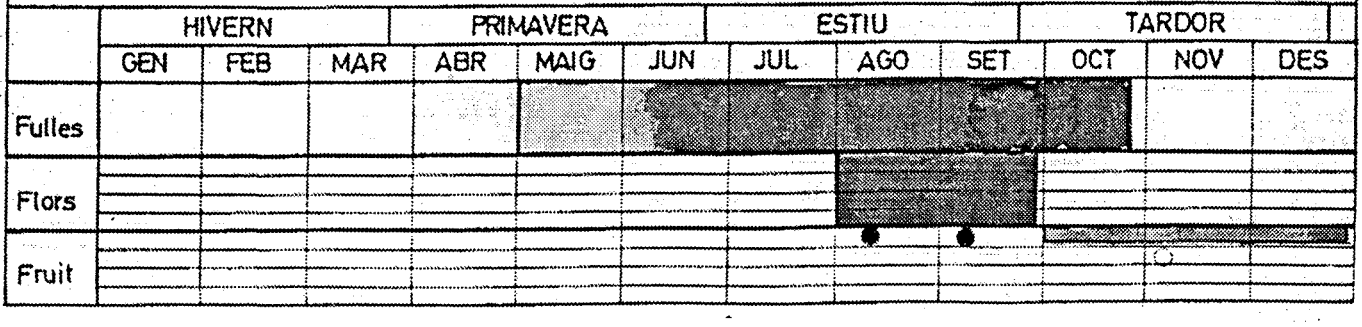
JUGLANS NIGRA 164 / AC



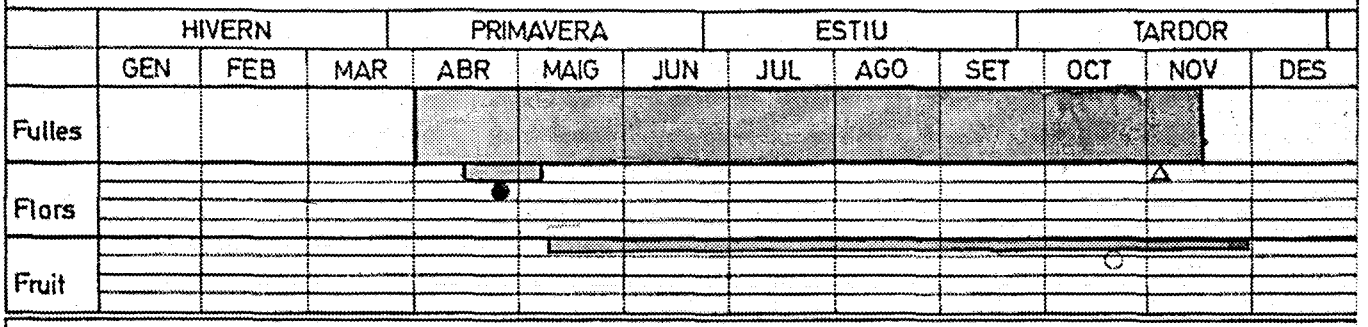
KOELREUTERIA PANICULATA 167 / AC



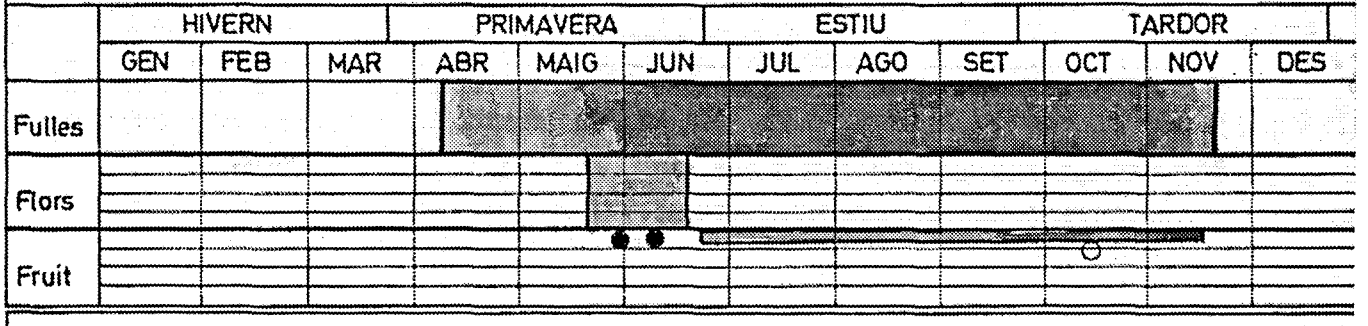
LAGERSTROEMIA INDICA 171 / AC



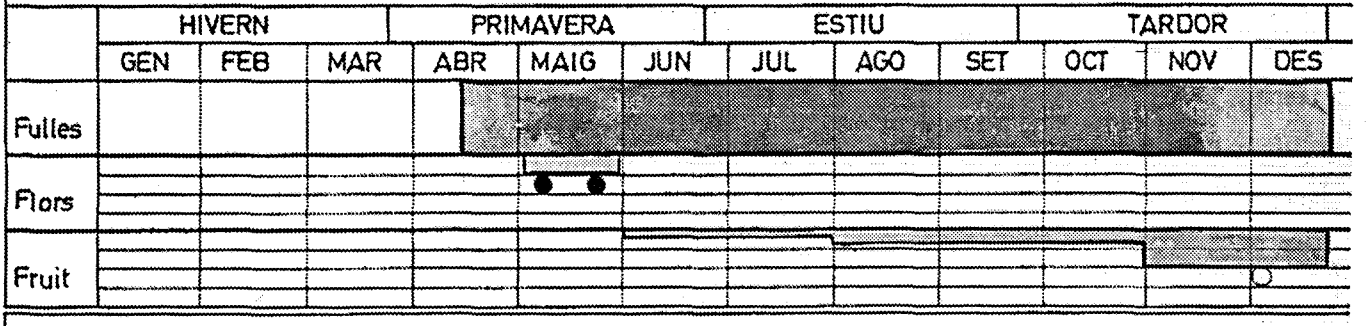
LIQUIDAMBAR STYRACIFLUA 173/AC



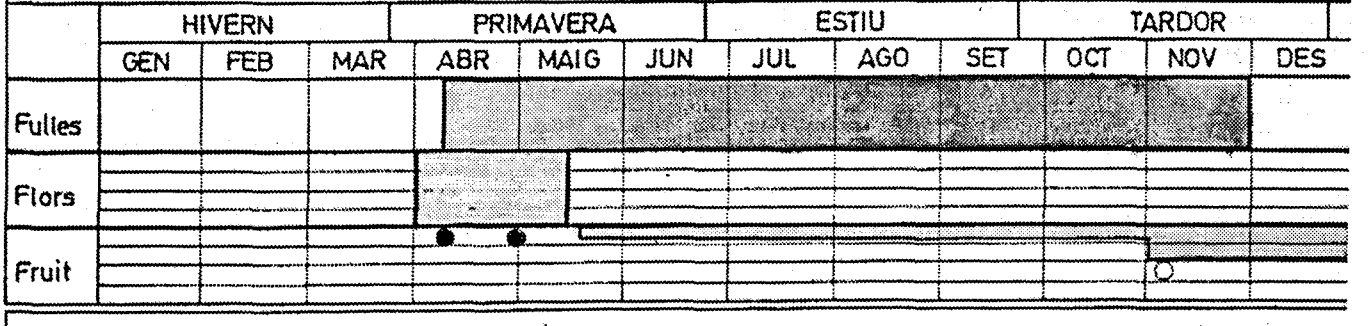
LIRIODENDRON TULIPIFERA 175/AC



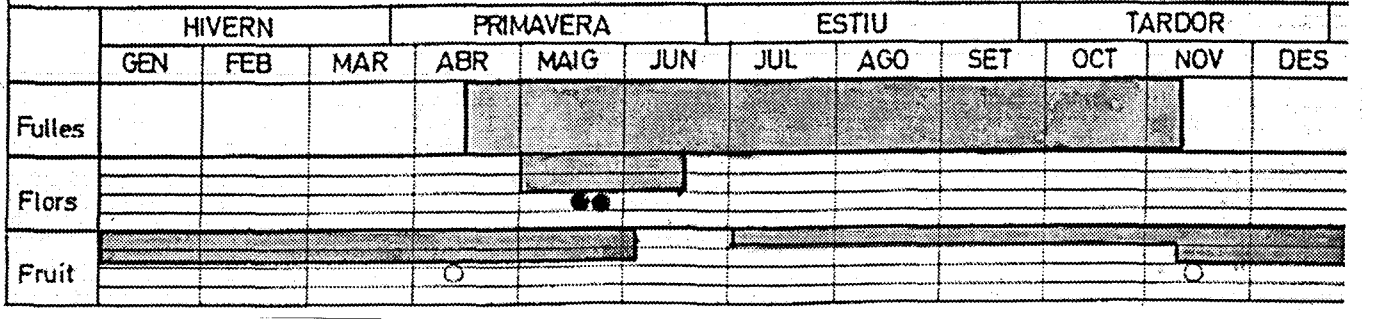
MACLURA POMIFERA 177/AC



MALUS PUMILA 183/AP

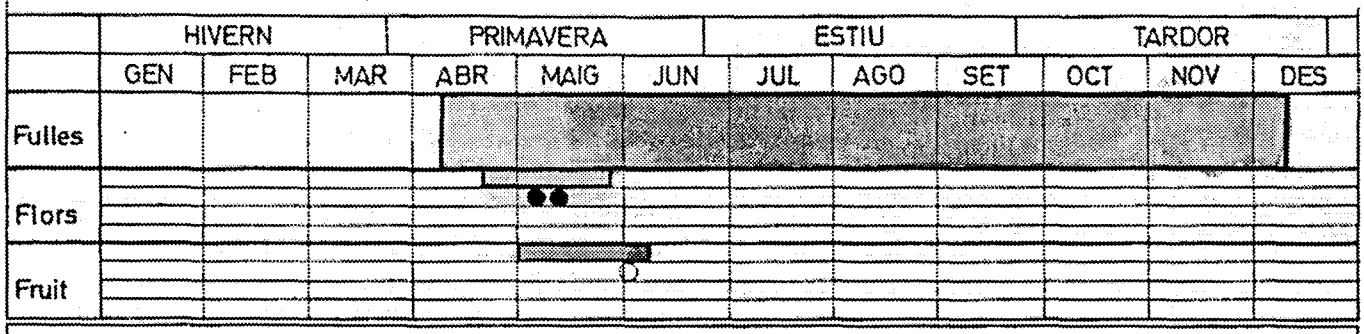


MELIA AZEDERACH 186/AB



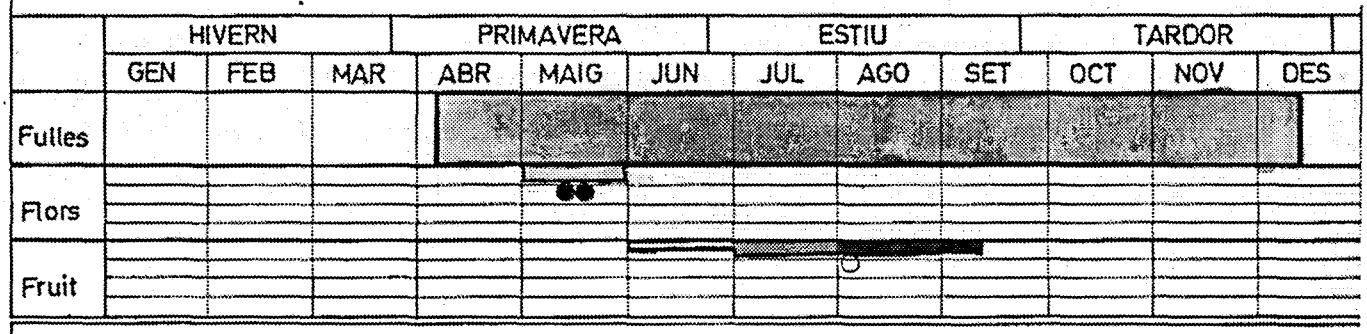
MORUS ALBA

188/AB



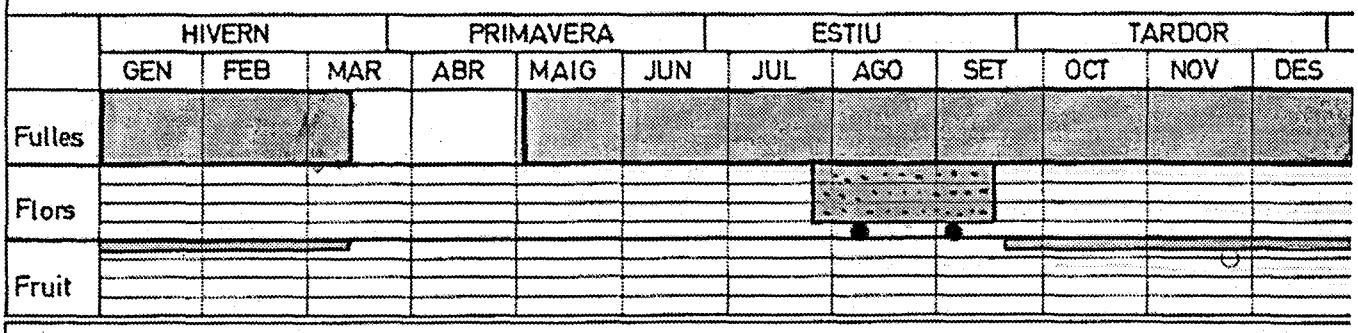
MORUS NIGRA

190/AC



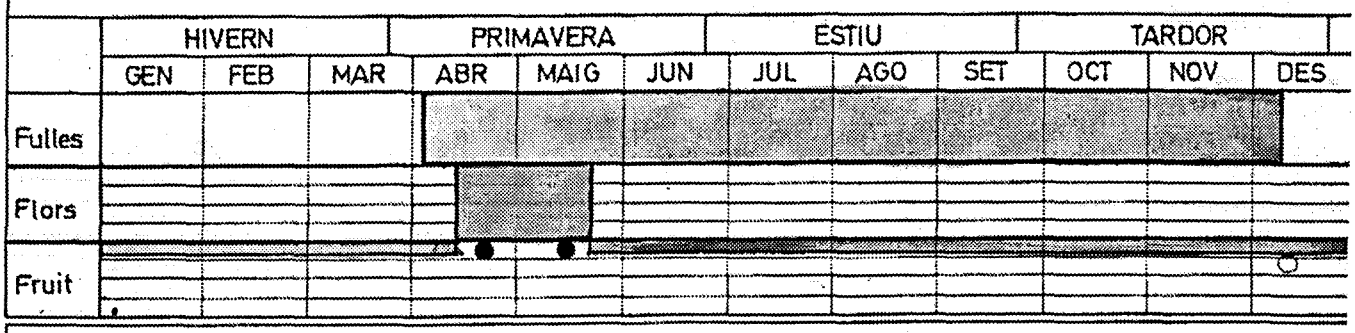
PARKINSONIA ACULEATA

196/AC



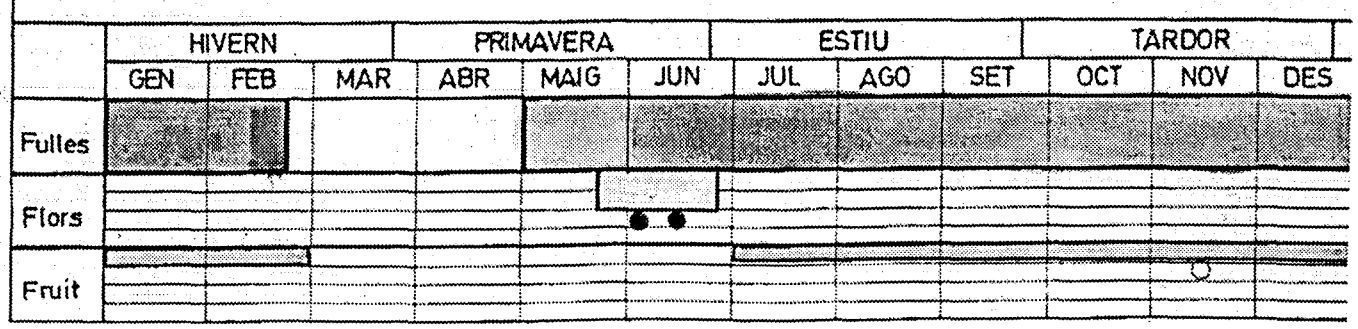
PAULOWNIA TOMENTOSA

198/AC

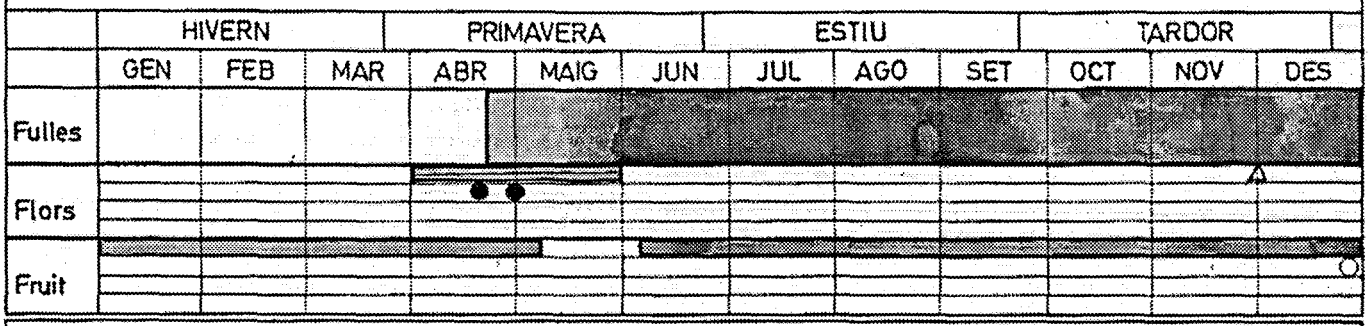


PHYTOLACCA DIOICA

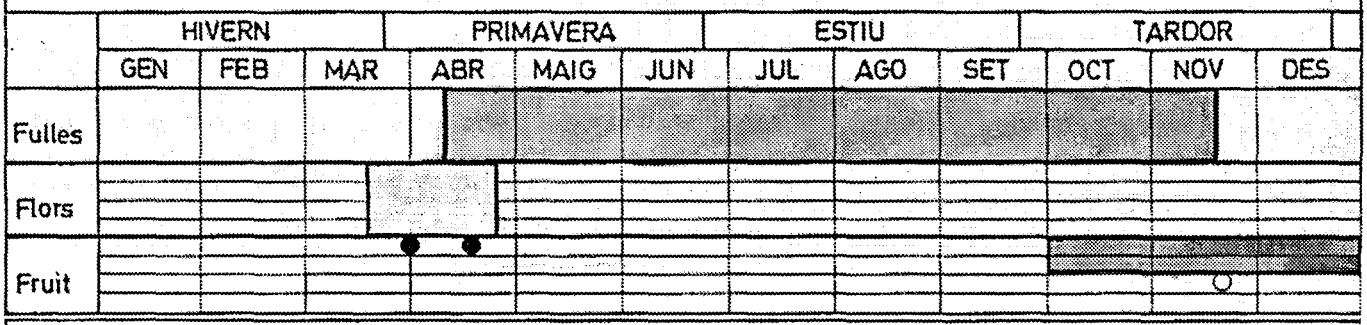
201/AB



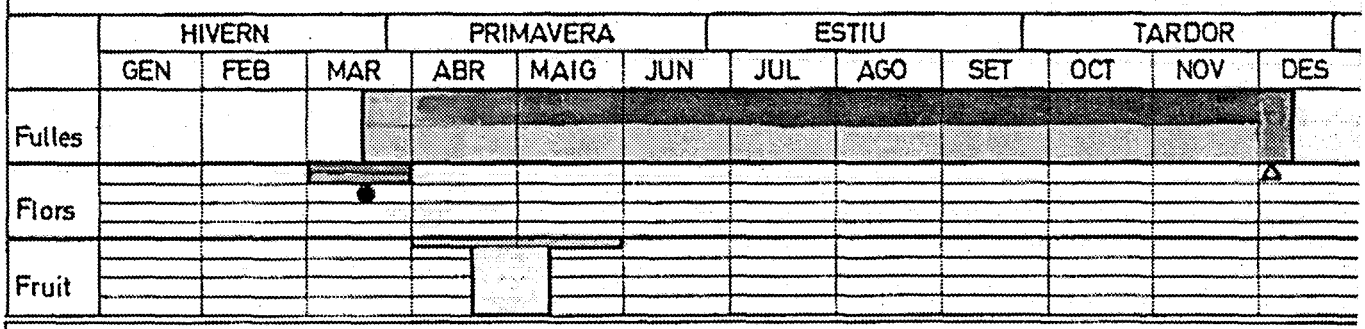
PLATANUS sp. (Hib.) — 206 / AB



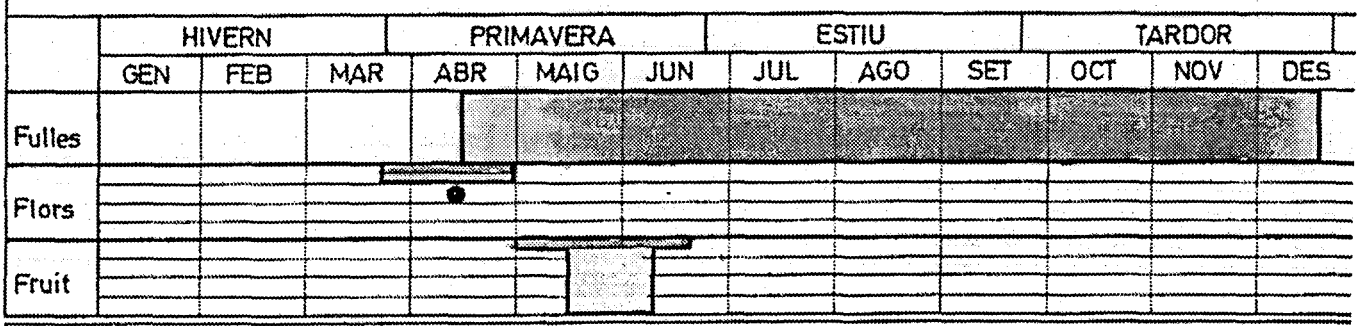
PONCIRUS TRIFOLIATA — 208 / aC



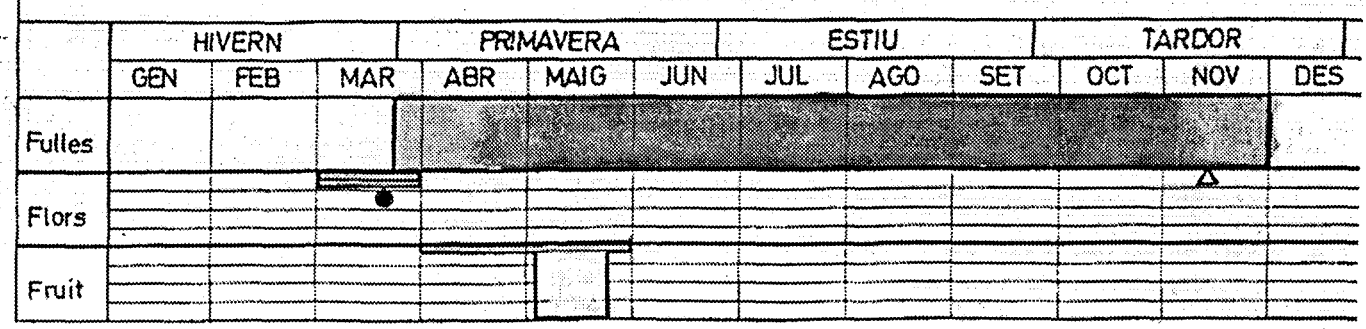
POPULUS ALBA - POPULUS ALBA BOLLEANA — 209 / AA, 210 / AB



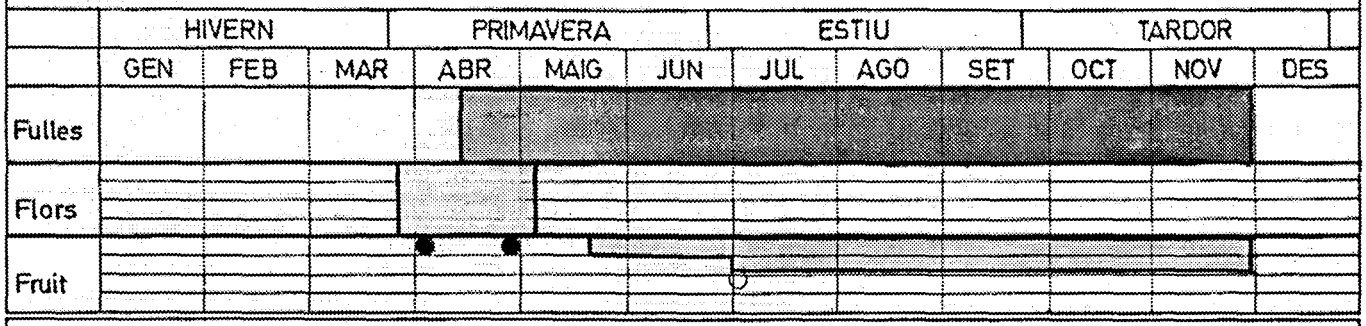
POPULUS CANADIENSIS (Hib.) — 211 / AB



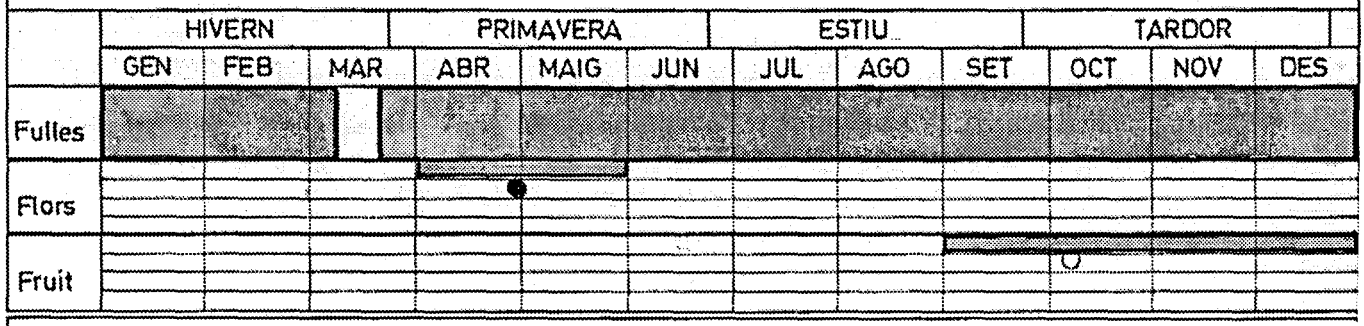
POPULUS NIGRA — 215 / AC



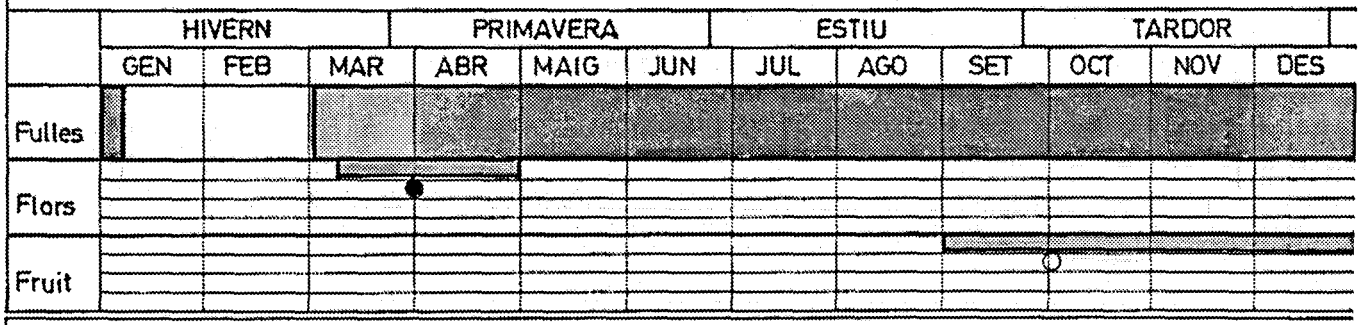
PYRUS COMMUNIS 236 / AC



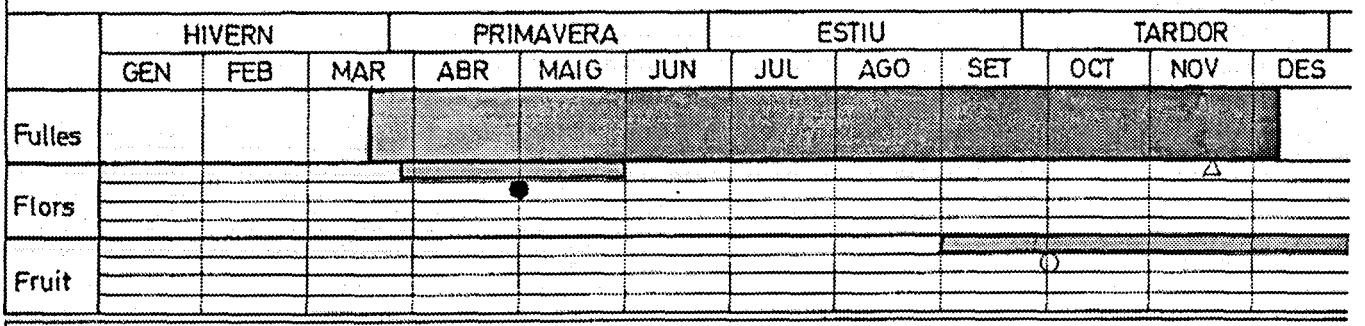
QUERCUS CANARIENSIS 237 / AC



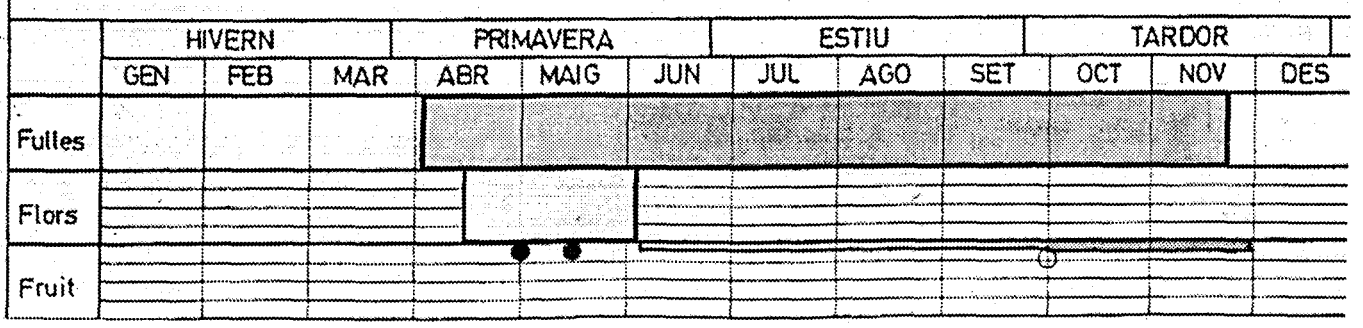
QUERCUS CERRIOIDES - QUERCUS FAGINEA - QUERCUS s.p. 238-240 / AC



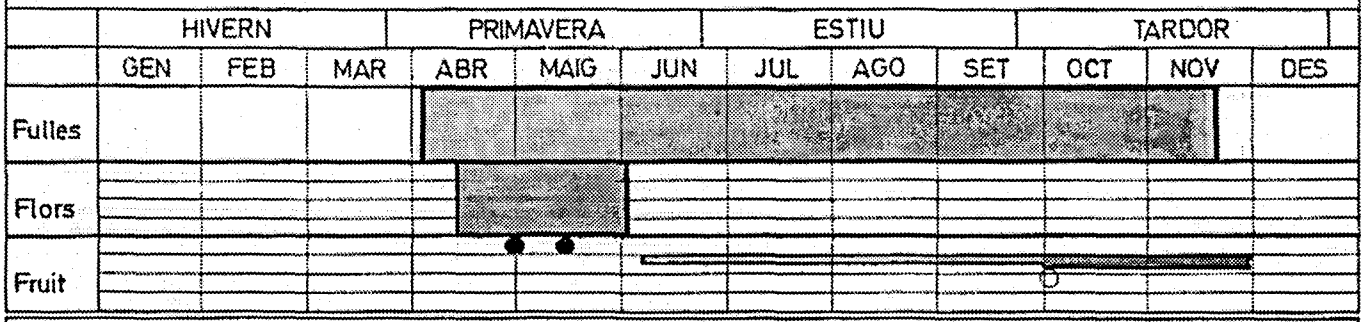
QUERCUS RUBRA 246 / AP



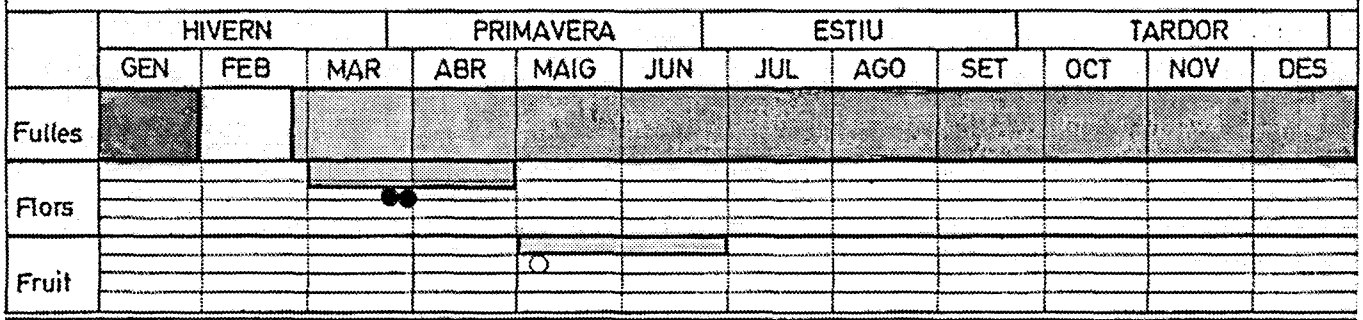
ROBINIA PSEUDOACACIA 250 / AB



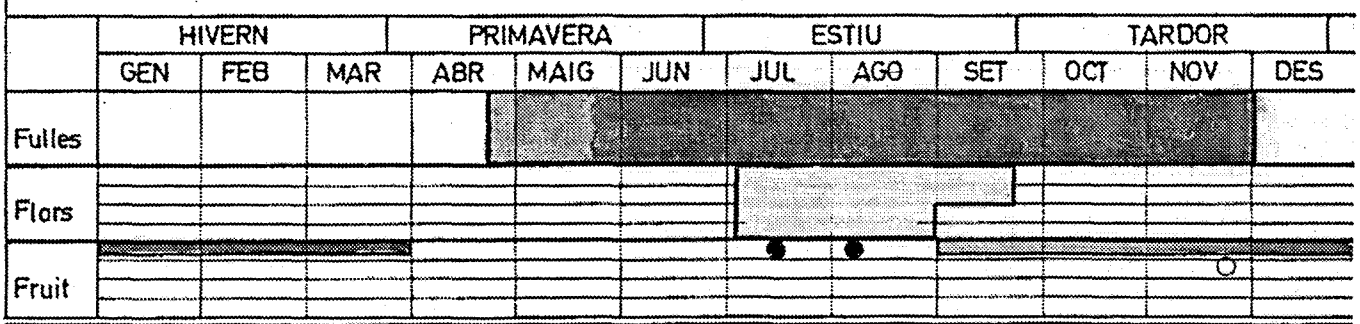
ROBINIA PSEUDOACACIA DECAISNEANA — 251 / AC



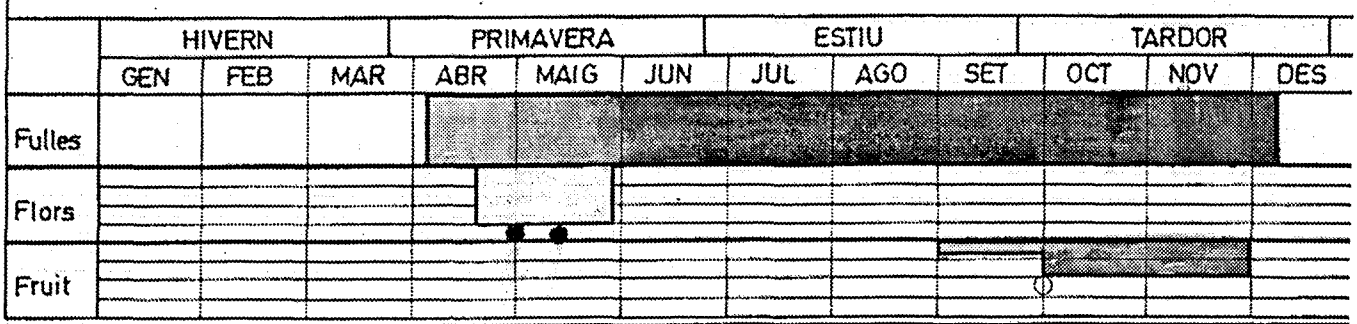
SALIX BABYLONICA — 256 / AB



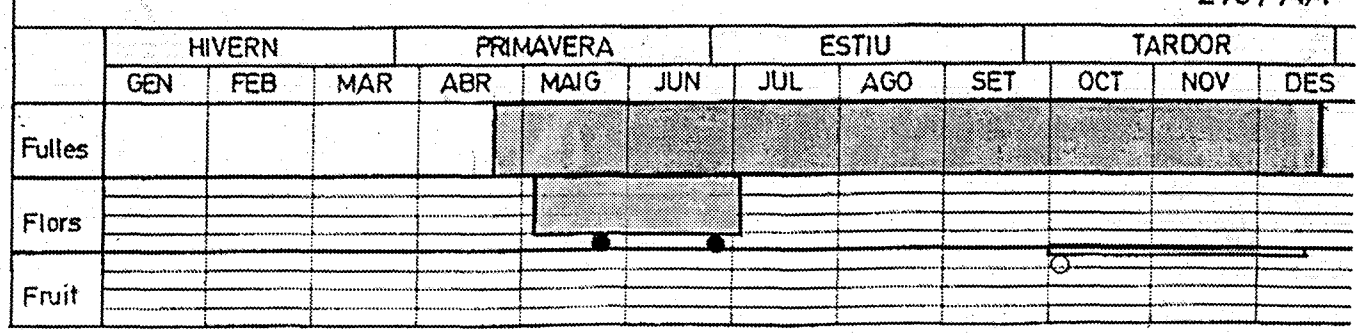
SOPHORA JAPONICA — 264 / AB



SORBUS DOMESTICA — 268 / AC

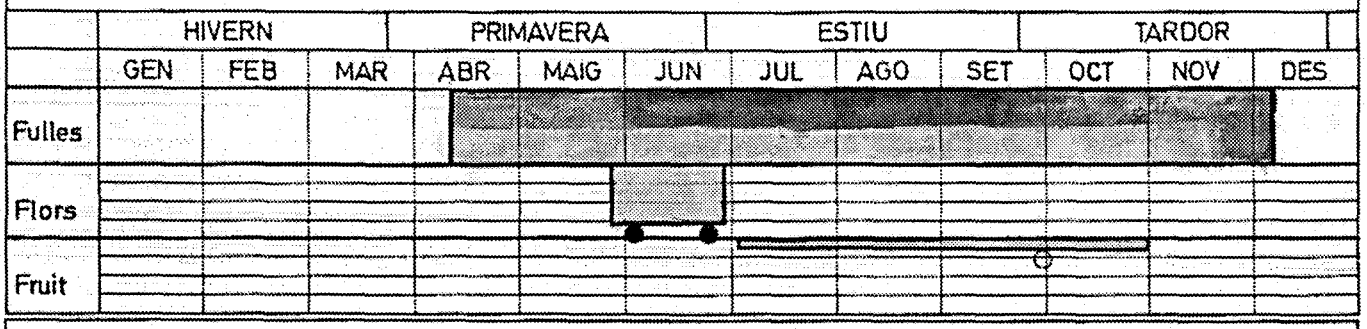


TAMARIX AFRICANA - TAMARIX GALLICA — 271 / AC, 273 / AA



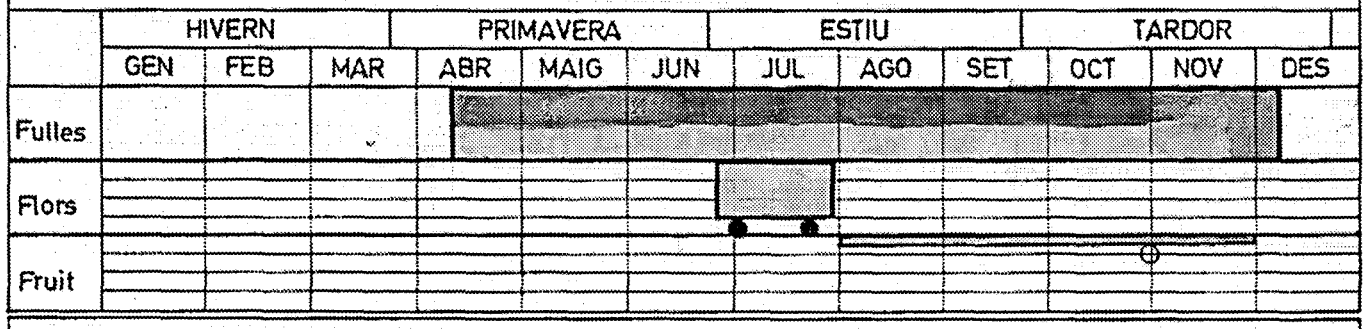
TILIA EUROPAEA (Hib) - TILIA PLATYPHYLLA

277 / AB
278 / AP



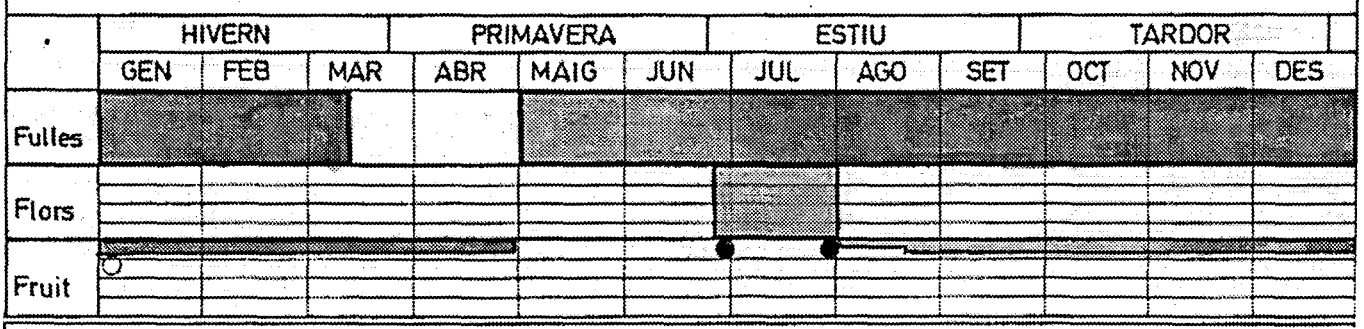
TILIA TOMENTOSA

279 / AC



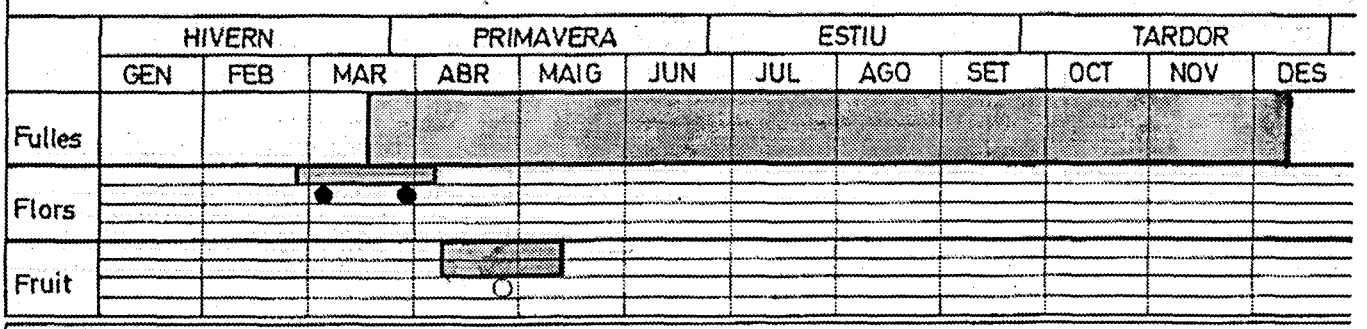
TIPUANA TIPU

280 / AB



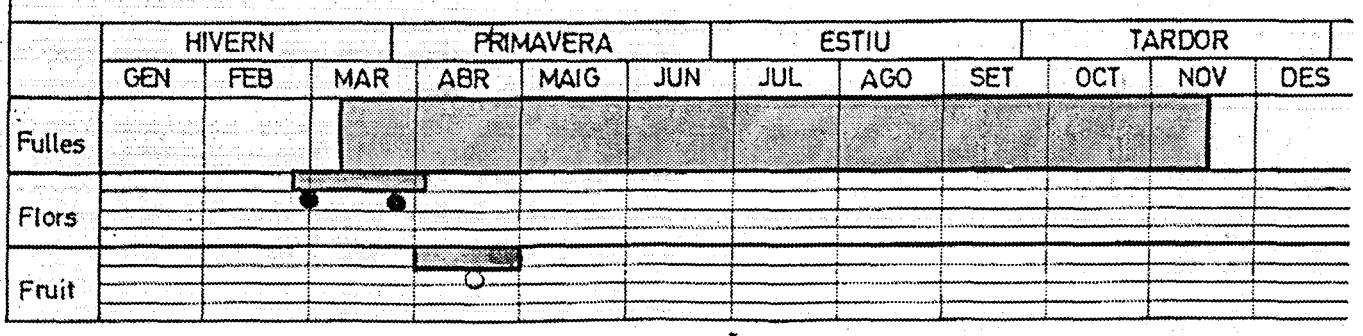
ULMUS CARPINIFOLIA

282 / AB



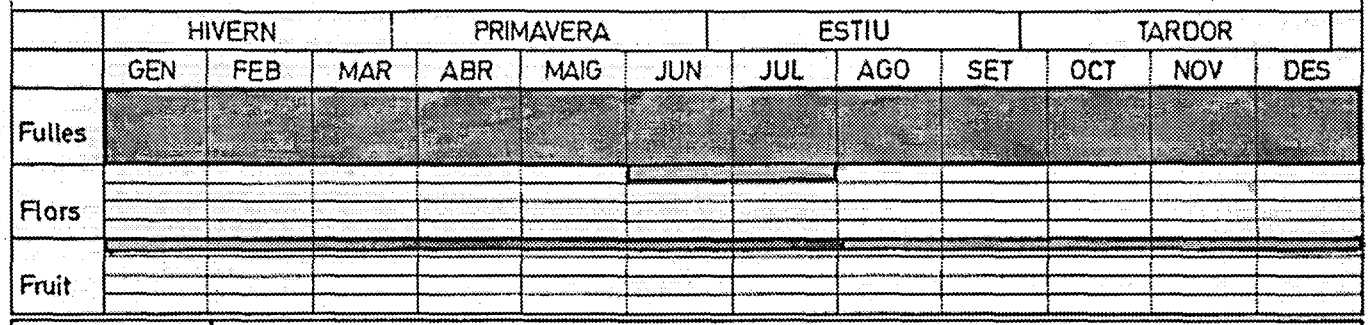
ULMUS PUMILA

285 / AC



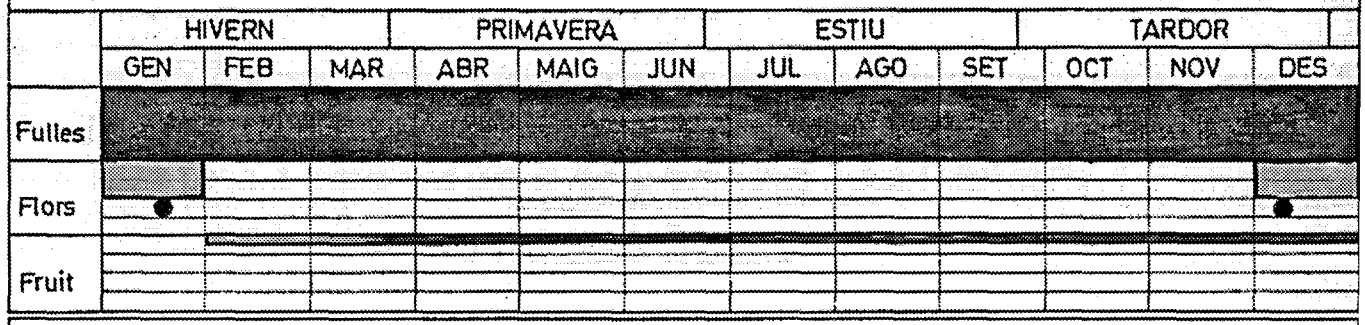
ARAUCARIA COLUMNARIS

303 / AC



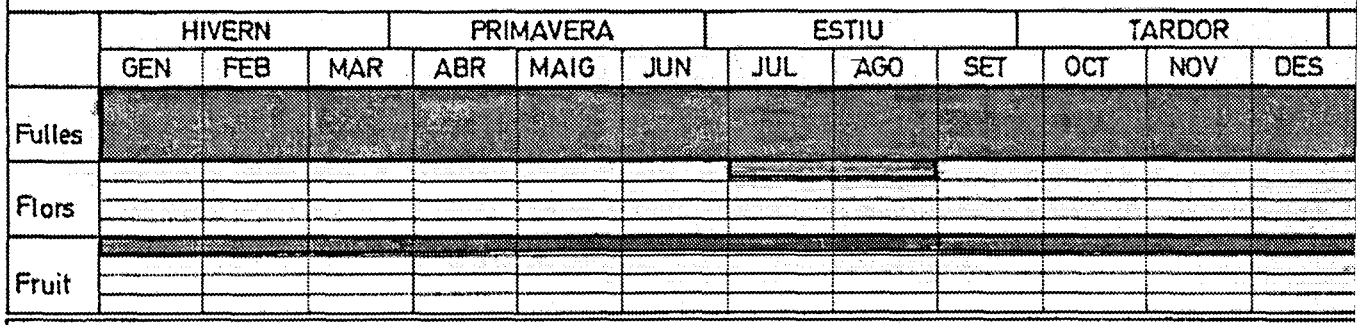
CALOCEDRUS DECURRENS

305 / AC



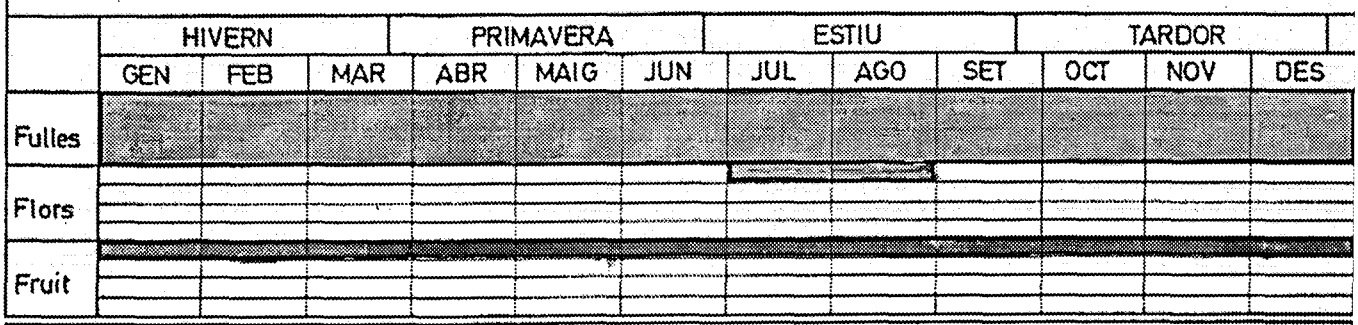
CEDRUS ATLANTICA - CEDRUS DEODARA

307 / AC
309 / AB



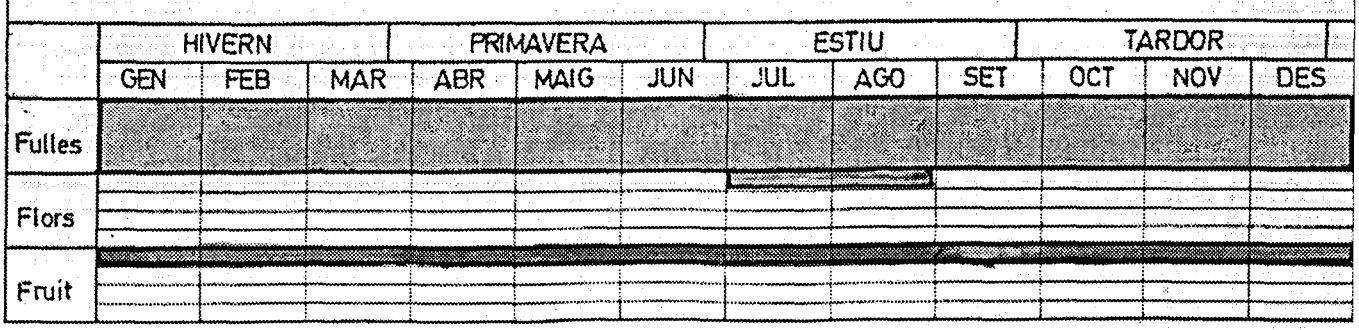
CEDRUS ATLANTICA AUREA - CEDRUS DEODARA AUREA

308 / AP
310 / AC

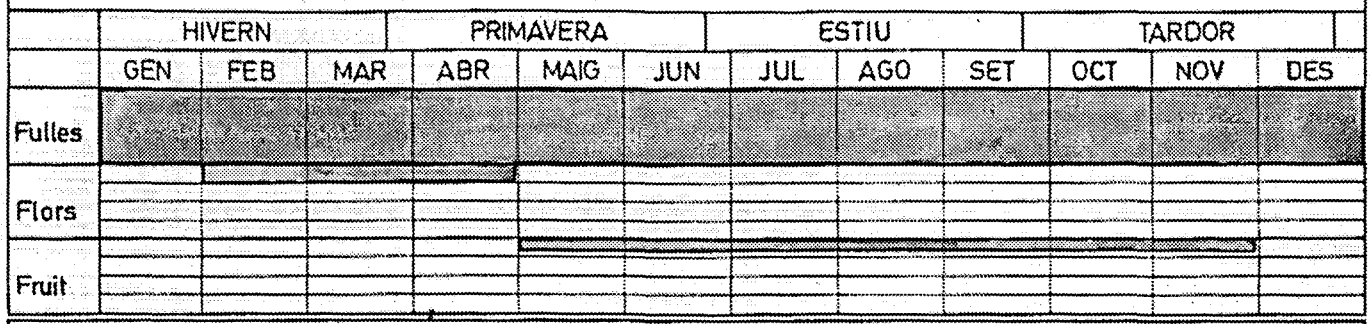


CEDRUS ATLANTICA GLAUCA - CEDRUS DEODARA GLAUCA

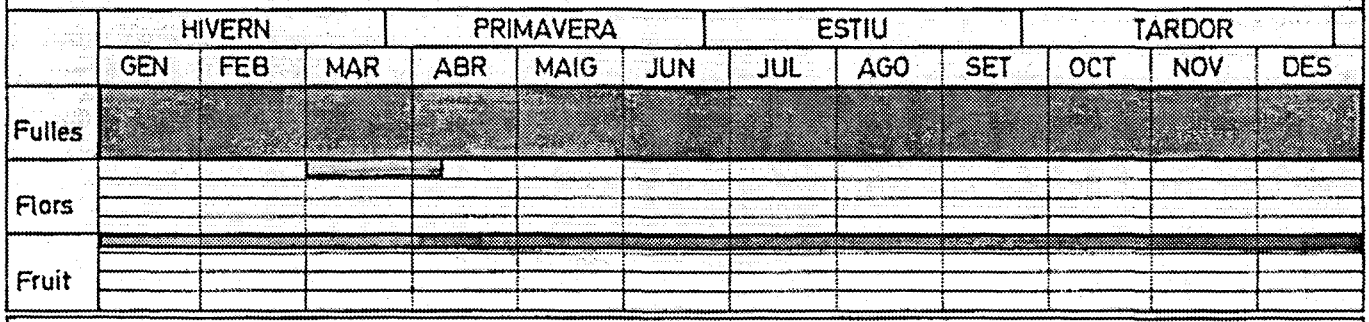
308 / AC
310 / AC



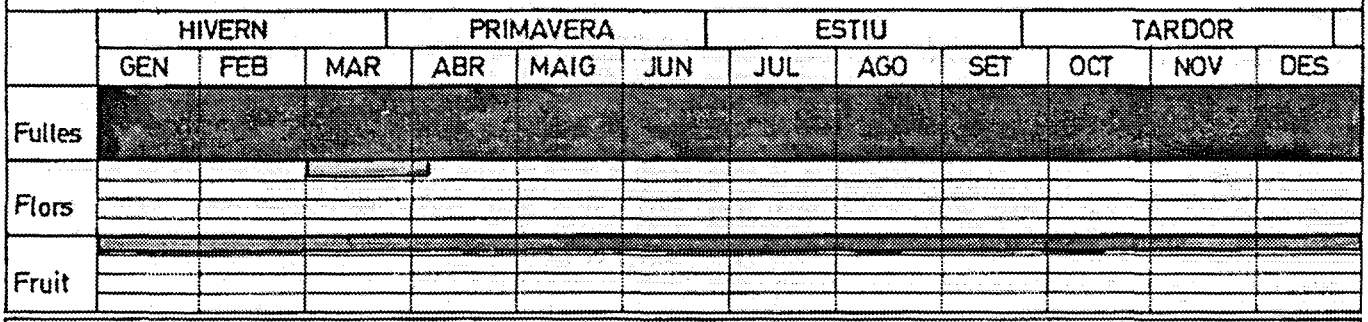
CEPHALOTAXUS HARRINGTONIANA 313 / AC



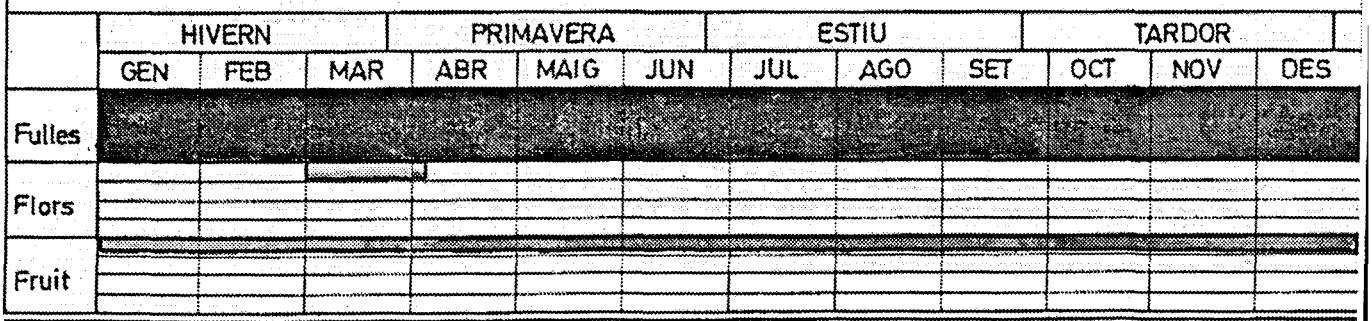
CUPRESSUS ARIZONICA 321 / AC



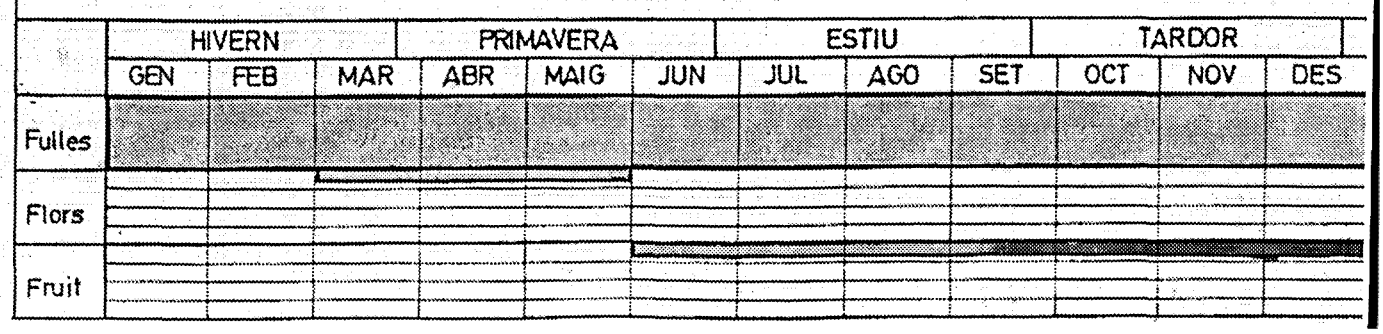
CUPRESSUS MACROCARPA 327 / AB



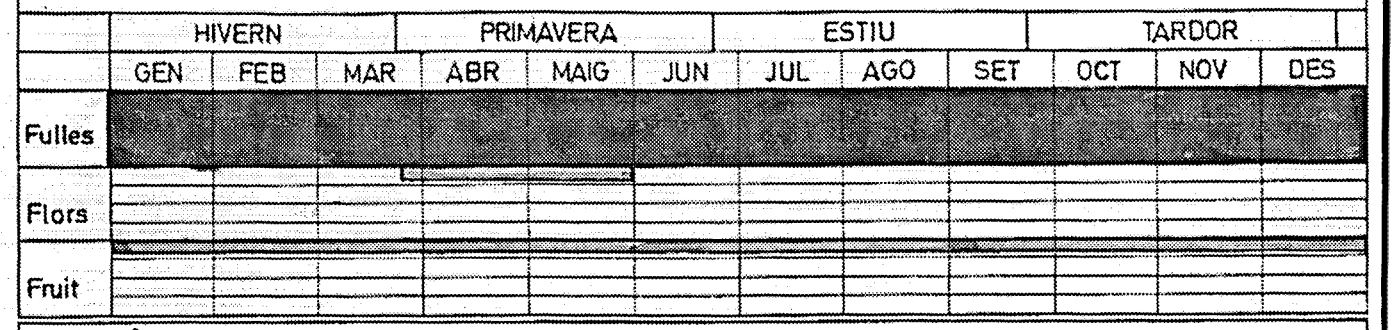
CUPRESSUS SEMPERVIRENS 329 / AB



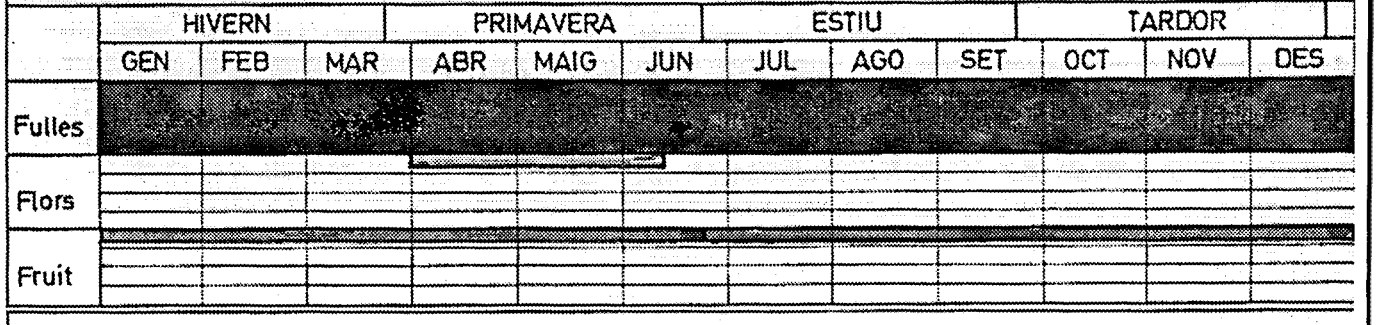
JUNIPERUS OXYCEDRUS 336 / AA



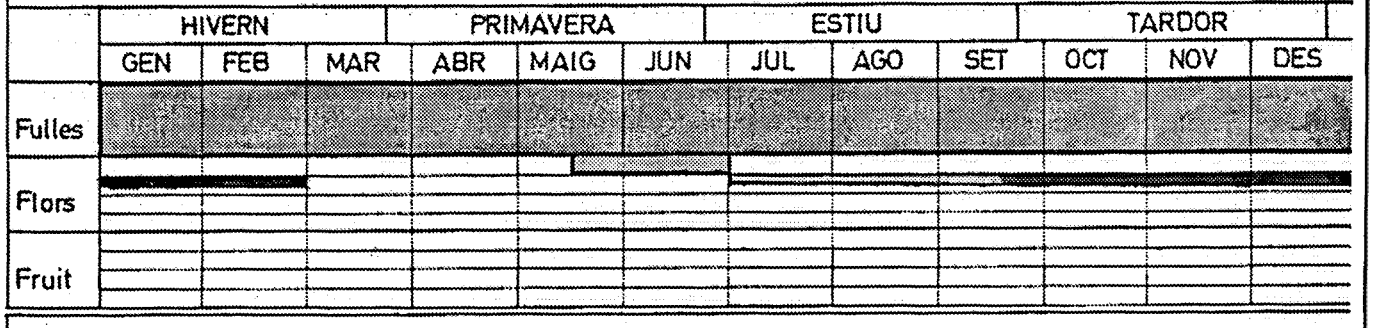
PINUS HALEPENSIS — 353/AA



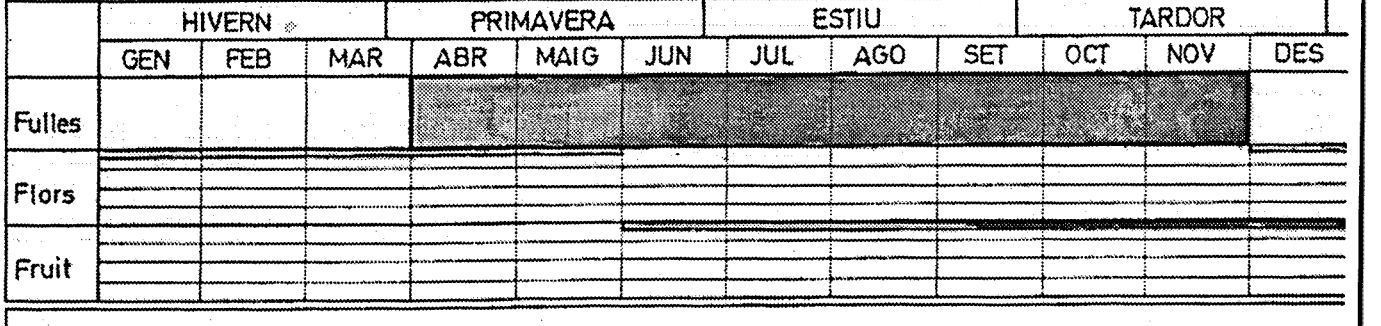
PINUS PINASTER - PINUS PINEA — 359/AB, 360/AA



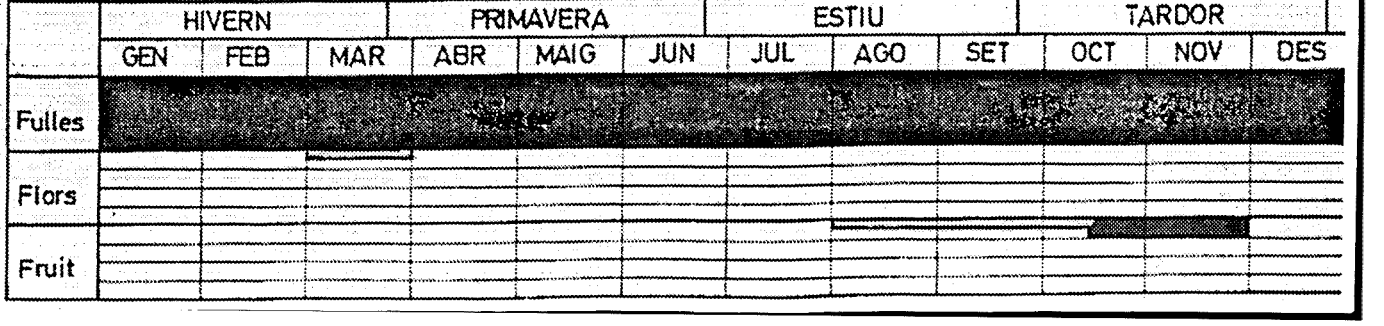
PODOCARPUS NERIIFOLIUS — 370/AC



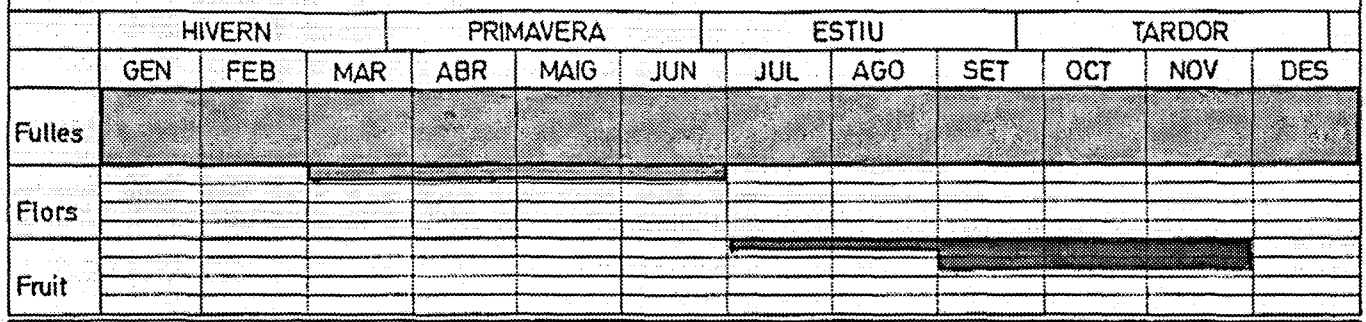
TAXODIUM DISTICHUM — 375/AC



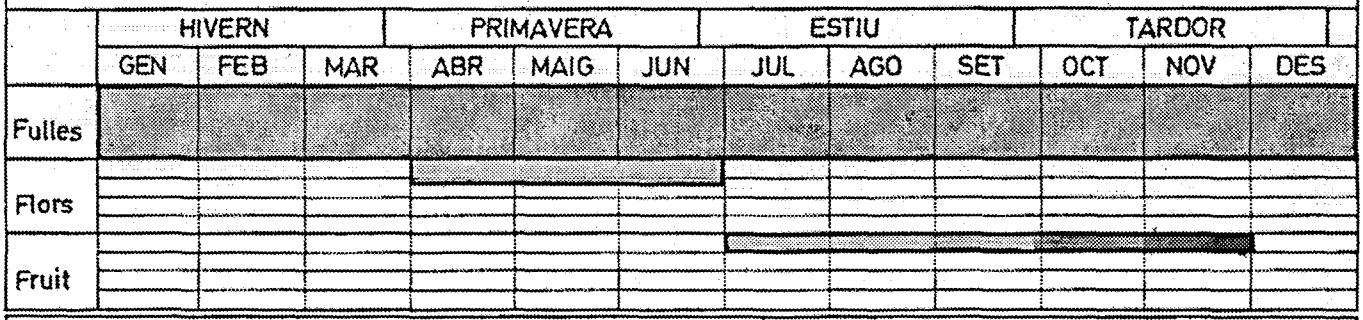
TAXUS BACCATA — 377/AC



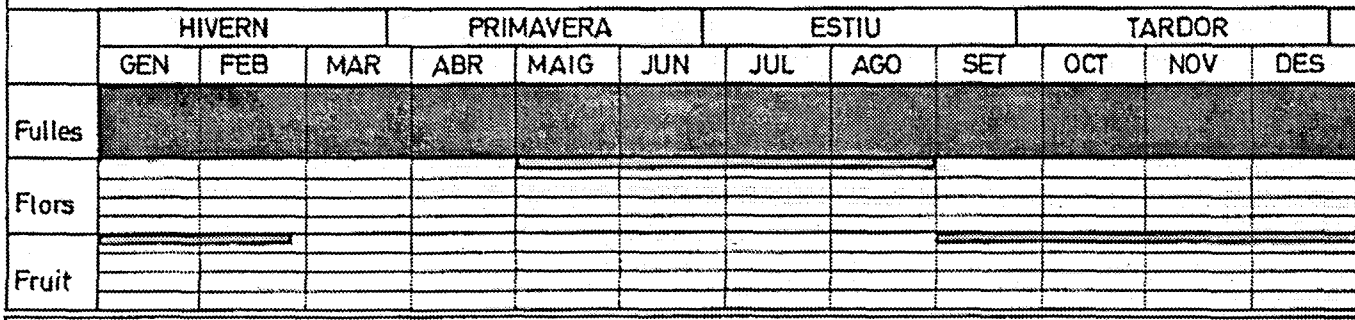
CHAMAEROPS HUMILIS 390/AA



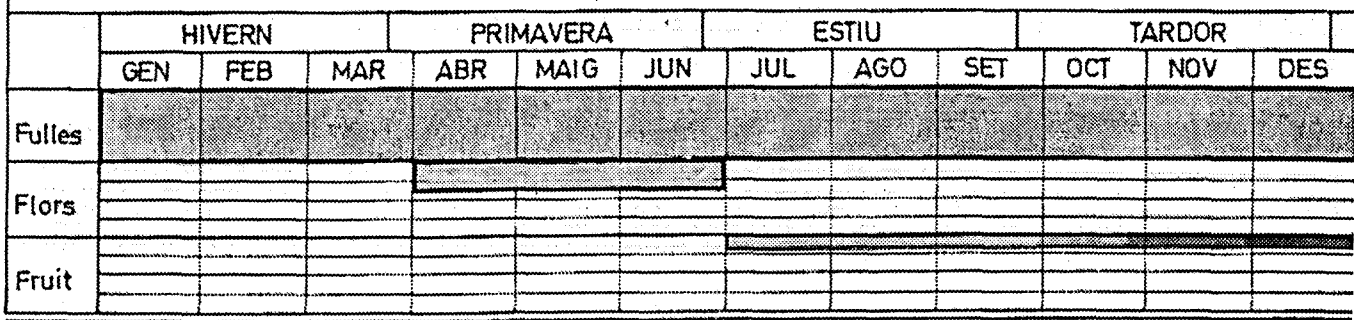
BUTIA CAPITATA 388/AC



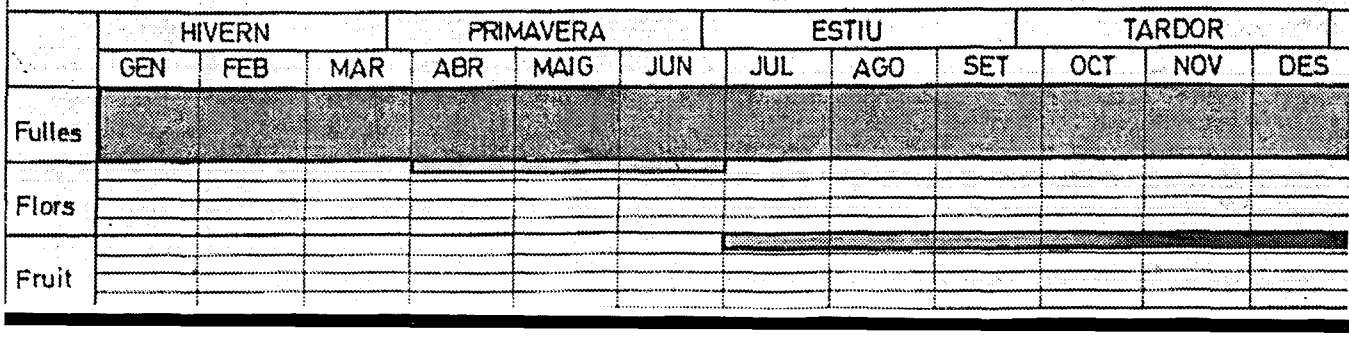
CYCA REVOLUTA 393/aC



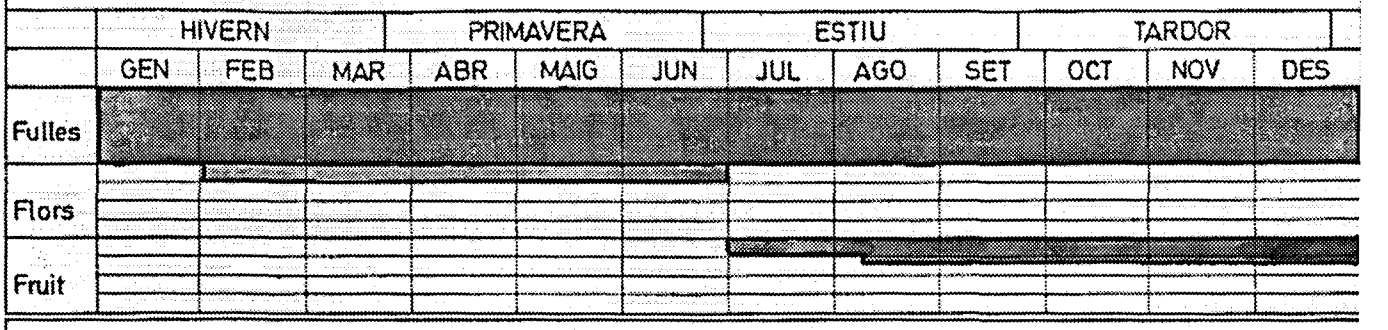
ERYTHEA ARMATA 396/AC



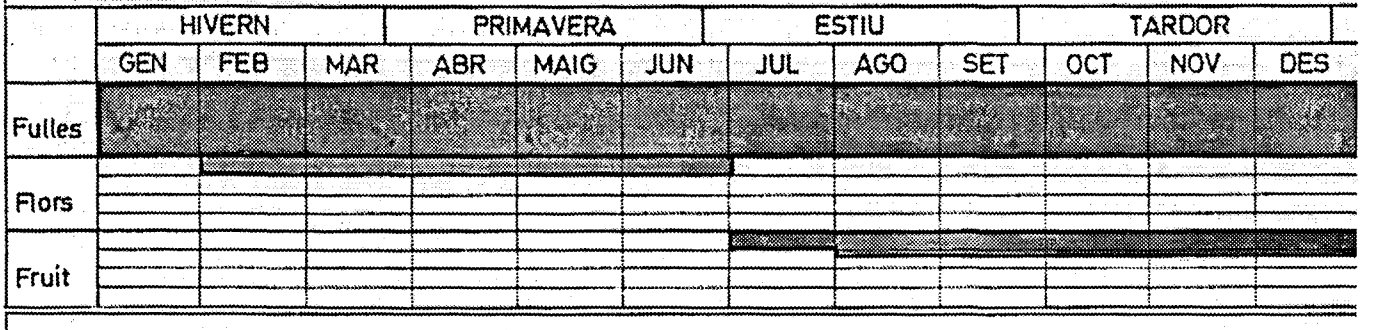
LIVISTONA CHINENSIS 401/AC



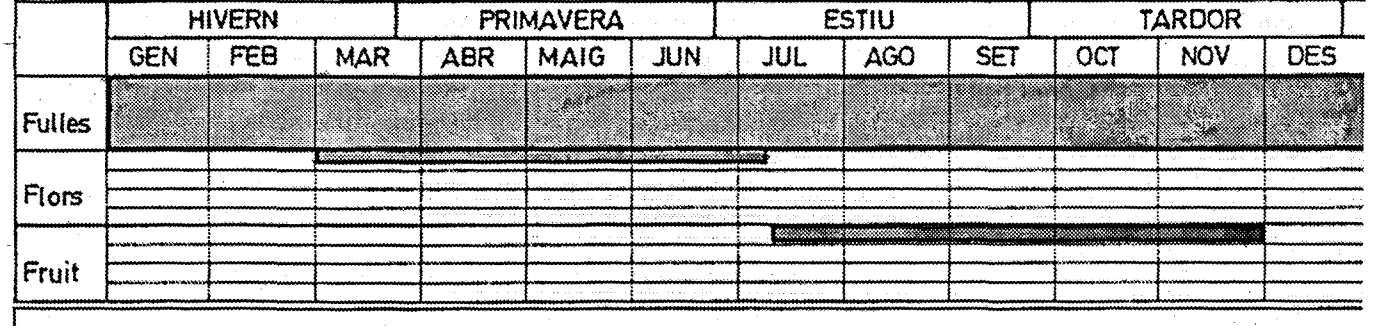
PHOENIX CANARIENSIS 402/AB



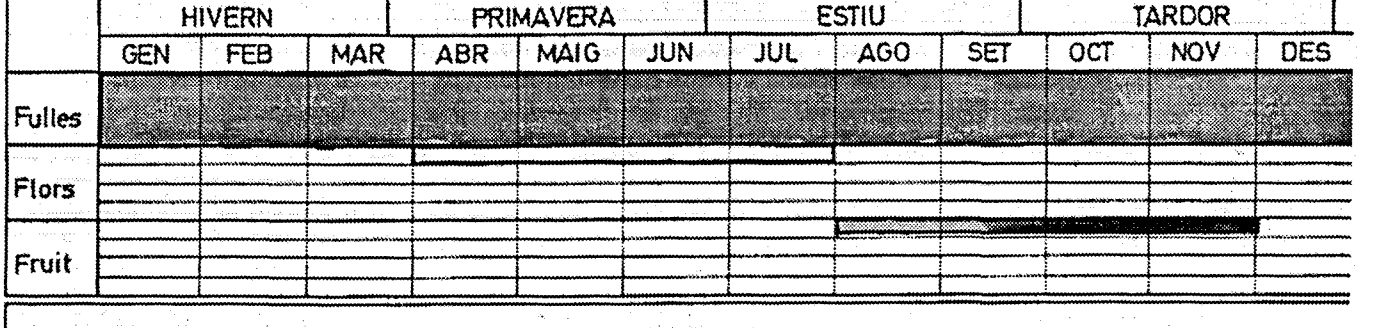
PHOENIX DACTYLIFERA 403/AB



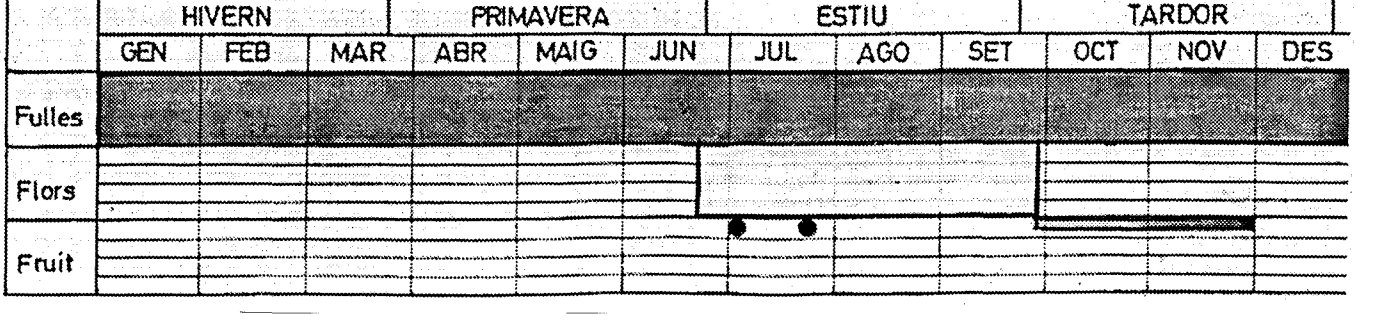
TRACHYCARPUS FORTUNEI 412/AB



WASHINGTONIA s.p. - WASHINGTONIA FILIFERA - WASHINGTONIA ROBUSTA 413-414-415/AB



YUCCA ELEPHANTIPES 416/AC



TESIS DOCTORAL

Francesc Navés i Viñas
ARQUITECTO

GUIA ARBOREA DE APLICACION AL BARCELONÈS Y MARESME

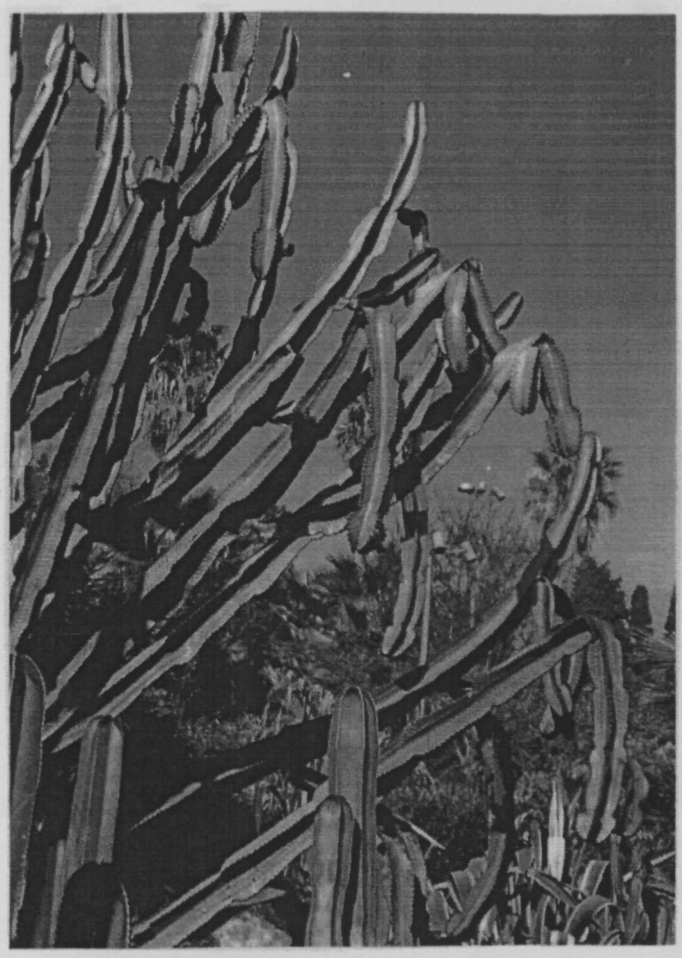
DIRECTOR
LLUIS RIUDOR I CAROL
DR. ARQUITECTO

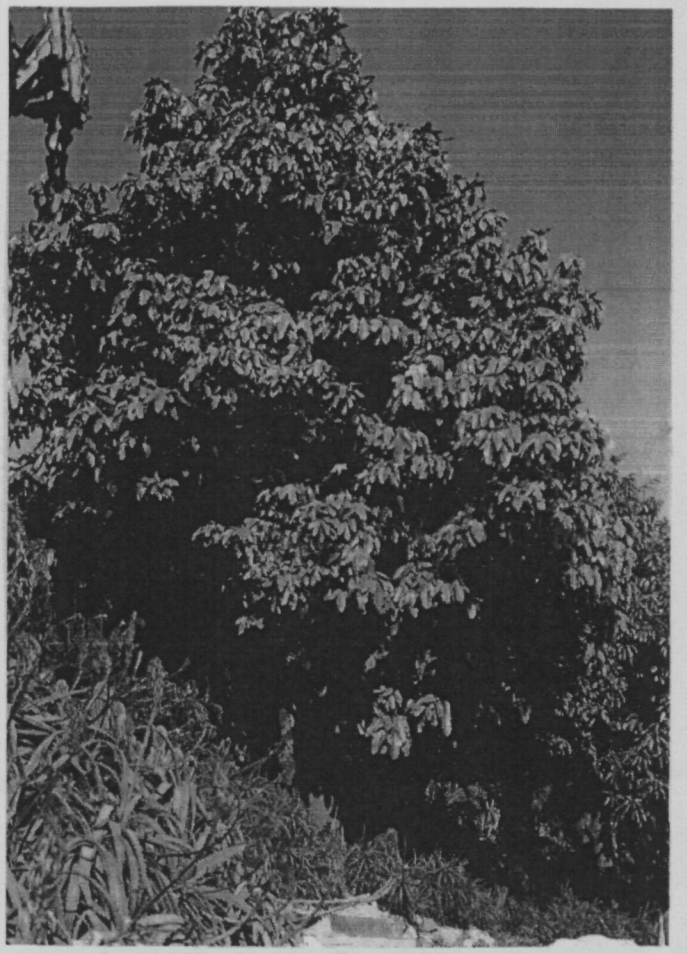
ESCOLA TÈCNICA SUPERIOR D'ARQUITECTURA DE BARCELONA

UPC

1986

APARTADO II
FOTOGRAFIAS





Efectos de las heladas de Enero 1985.

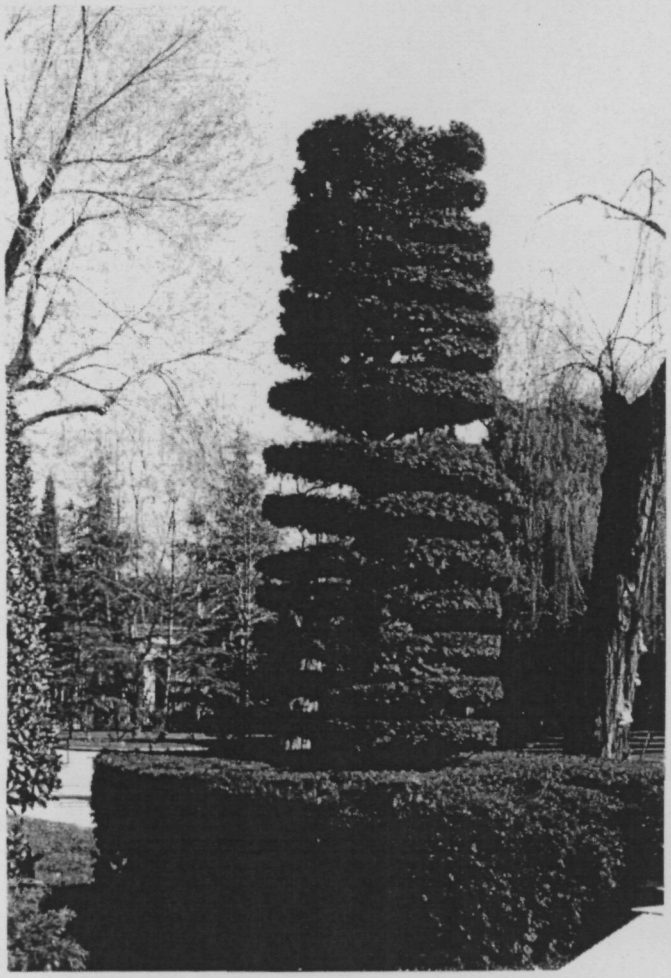
J. Costa i Llobera.

Euphorbia candelabrum y Brachychiton acerifolium -11- muy afectadps.

Washingtonia robusta -414- poco afectados.

Platanus sp. -206-. Poda horizontal. Según el criterio de Forestier deberia haber sido mayor.

Phytolaca dioica -201-. Poda excesiva por no haber previsto el desarrollo del árbol. Paseo Marítimo, Tarragona.



Taxus baccata -377-. P. Retiro, Madrid.

Escuelas Pias de Alella, Maresme.

Ligustrum japonicum -51-
Pza. Mayor, Burgos.

Taxus baccata -377-
P. Espolón, Burgos.

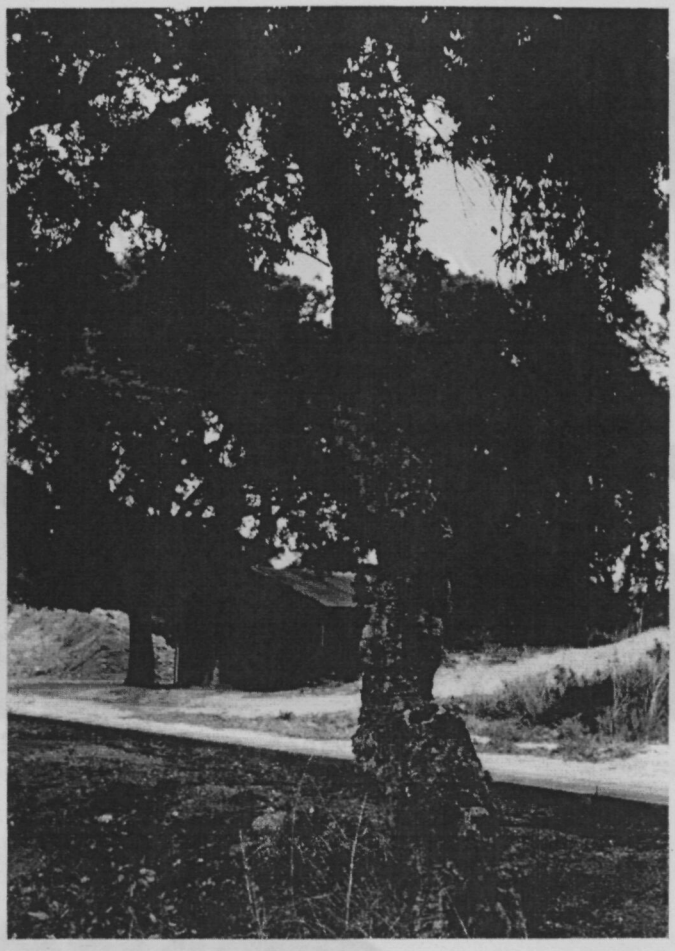
APARTADO III
FOTOGRAFIAS

Taxodium mucronatum -376-
(marzo) P.del Retiro. Madrid.

Celtis australis -122-
(marzo) Pº Castellana. Madrid.

Phytolacca dioica -201-
grupo, (febrero). Avda. Diagonal. Barcelona.

Populus alba -209-



Quercus suber-71-

Cercis siliquastrum -124-
(abril)

CORTEZA -C-

Pinus pinea -360- y Pinus Halepensis -353-
P. Palau de Pedralbes, Barcelona.

Phoenix dactylifera -403-
P. de l'Escorxador, Barcelona.

Pinus canariensis -350-
Avda.Diagonal, Barcelona.

Platanus hispanica -206-. en primer término Coculus laurifolius (noviembre) P. Ciutadella, Barcelona.

Populus alba bolleana -210- (diciembre) P. Putxet, Barcelona.

Fagus sylvatica -148- (noviembre), Montseny.

FLOR. INTENSIDAD CROMATICA -El-

Aesculus carnea -96- (abril)

Magnolia grandiflora -56-

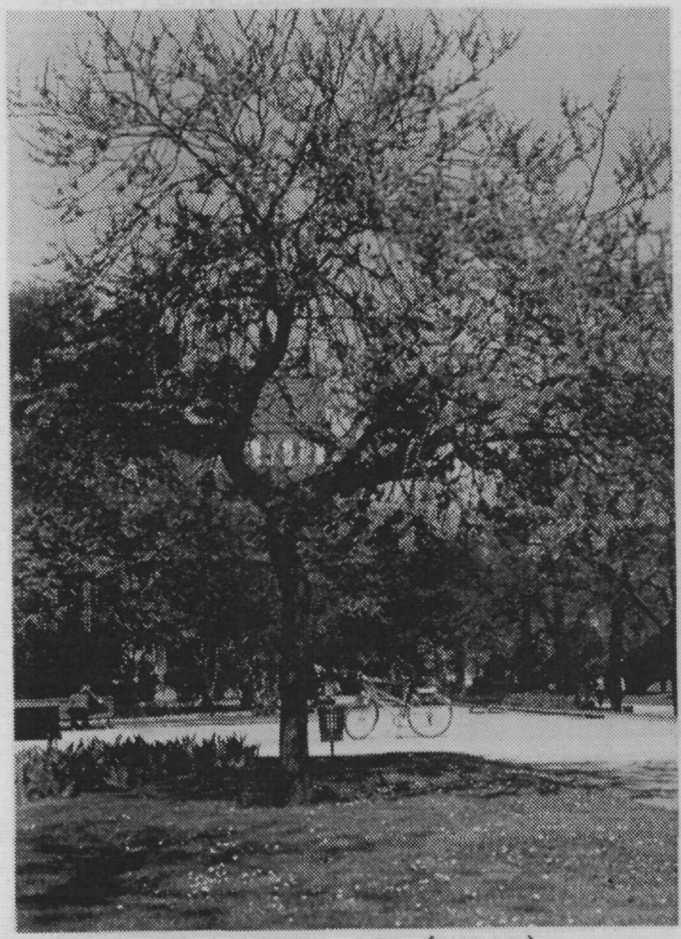
Erythrina corallodendron -145-

Albizzia julibrissin -99-

Brachychiton populneum -12-

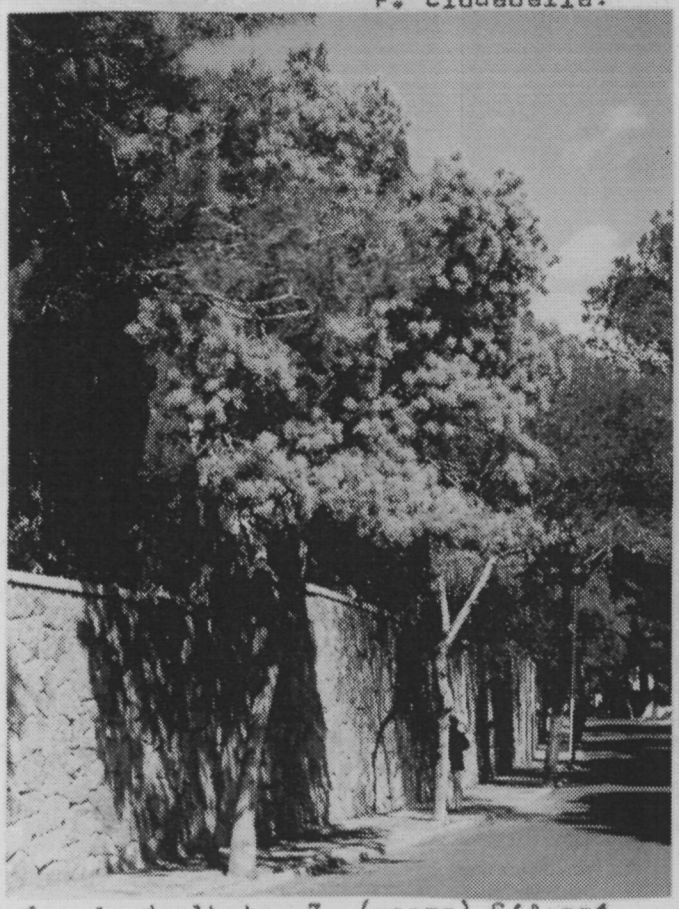
(Todas en junio)

FLOR. INTENSIDAD CROMATICA -E1- VISTA GENERAL

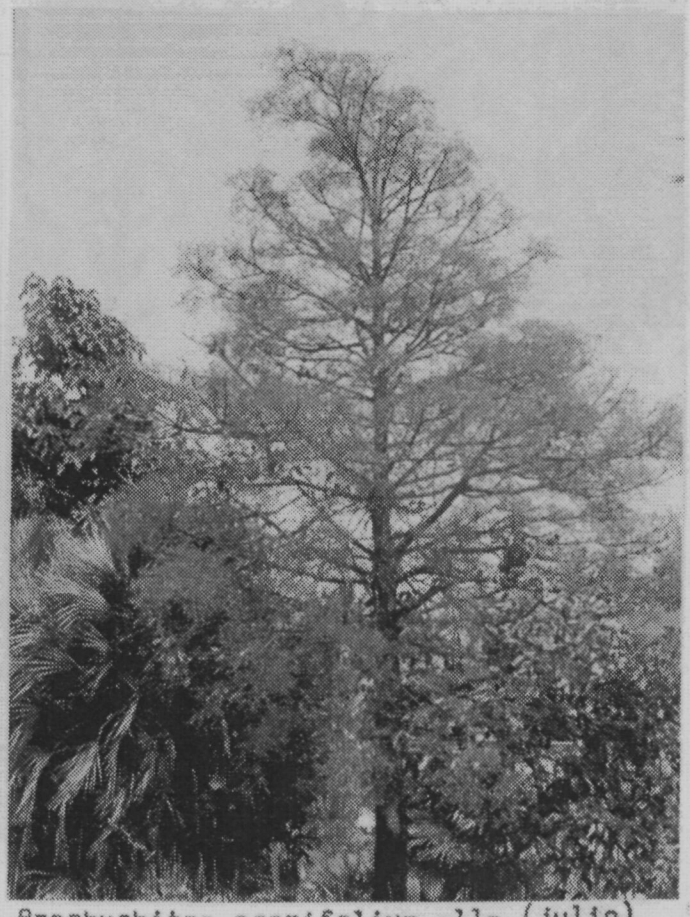


Cercis siliquastrum -124-(abril) P. Ciudadella.

Aesculus carnea -96- (mayo) J. Cervantes.



Acacia dealbata -3- (marzo) S'Agaró.



Brachychiton acerifolium -11- (julio) J. Costa i Llovera.

EPOCA FLORACION -E2- INVIERNO

Acacia dealbata -3-
(febrero)

Prunus amigdalus -218-
(febrero). Tiana.

Acacia longifolia -4-
(febrero)