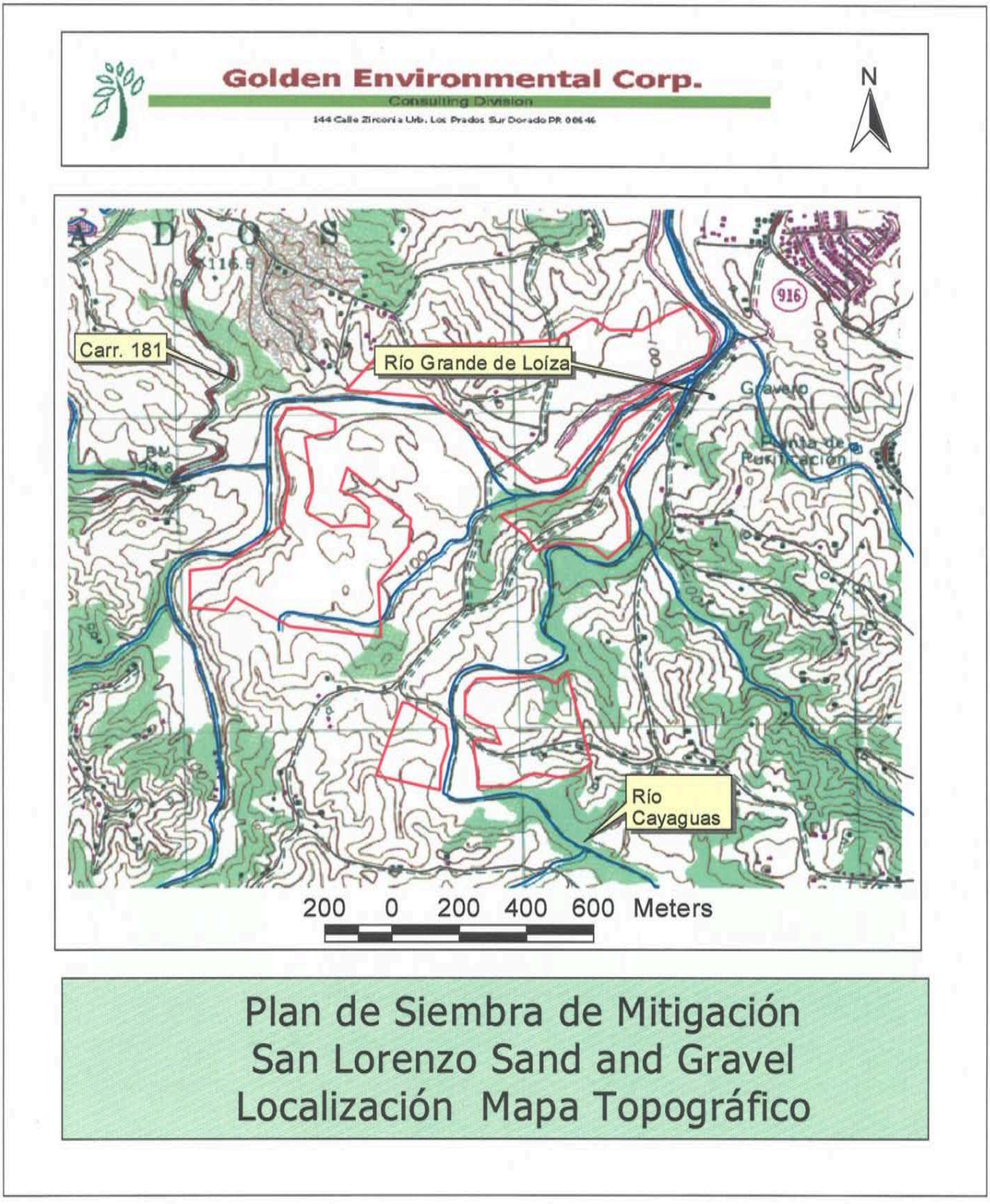
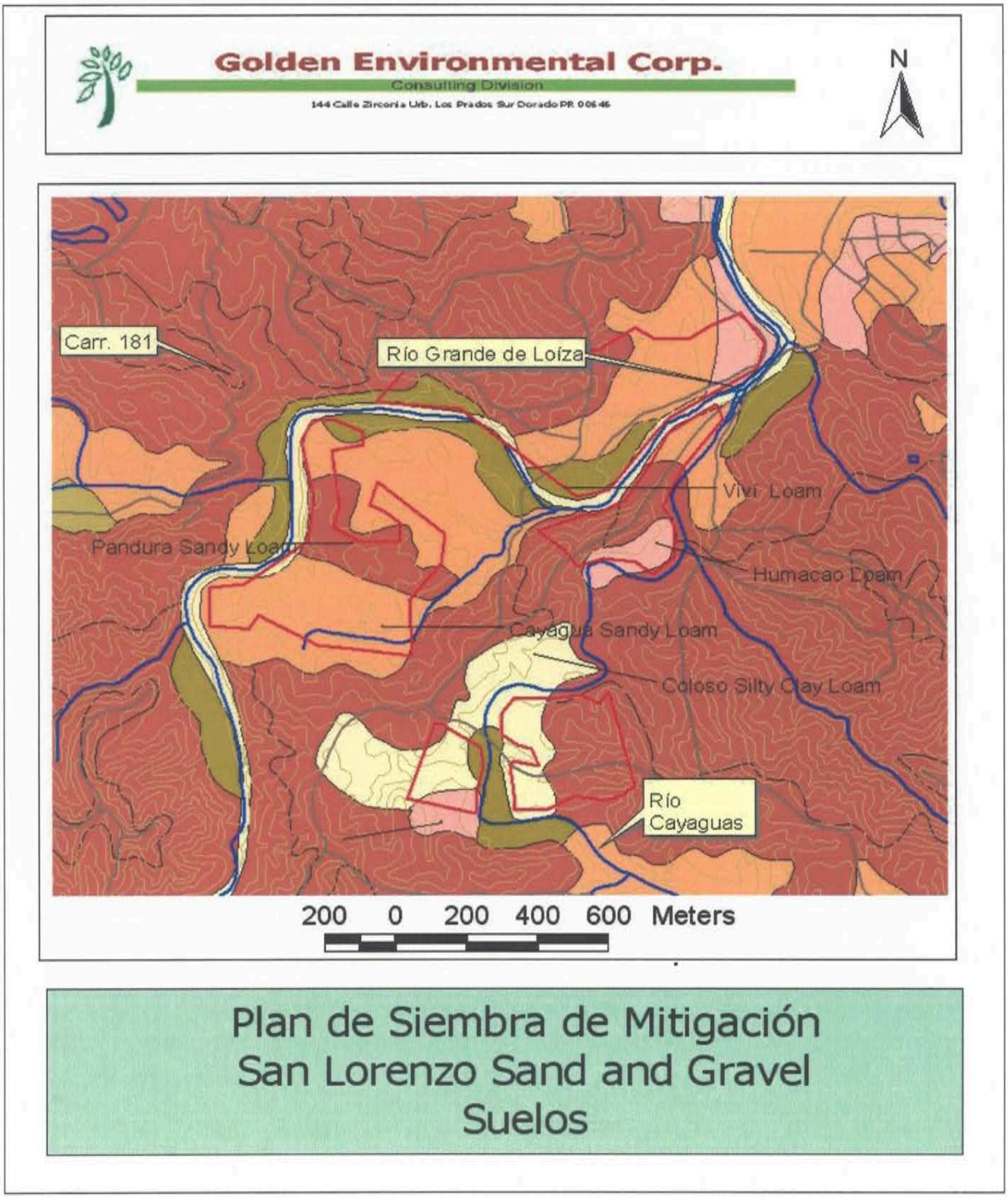
Anejo 1. Ubicación en Mapa Topográfico (USGS)

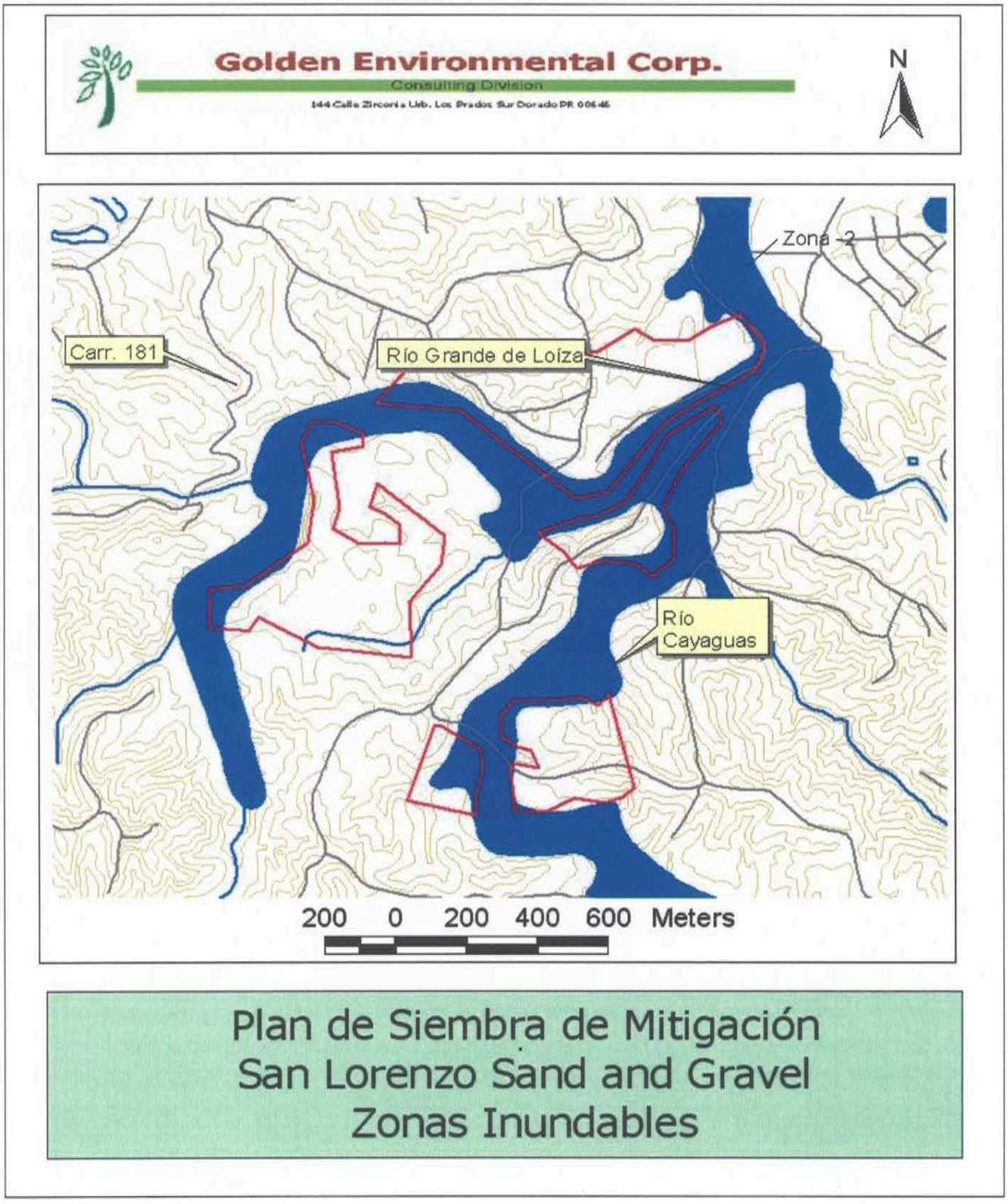


Anejo 2. Límites de la Propiedad

Anejo 3. Suelos



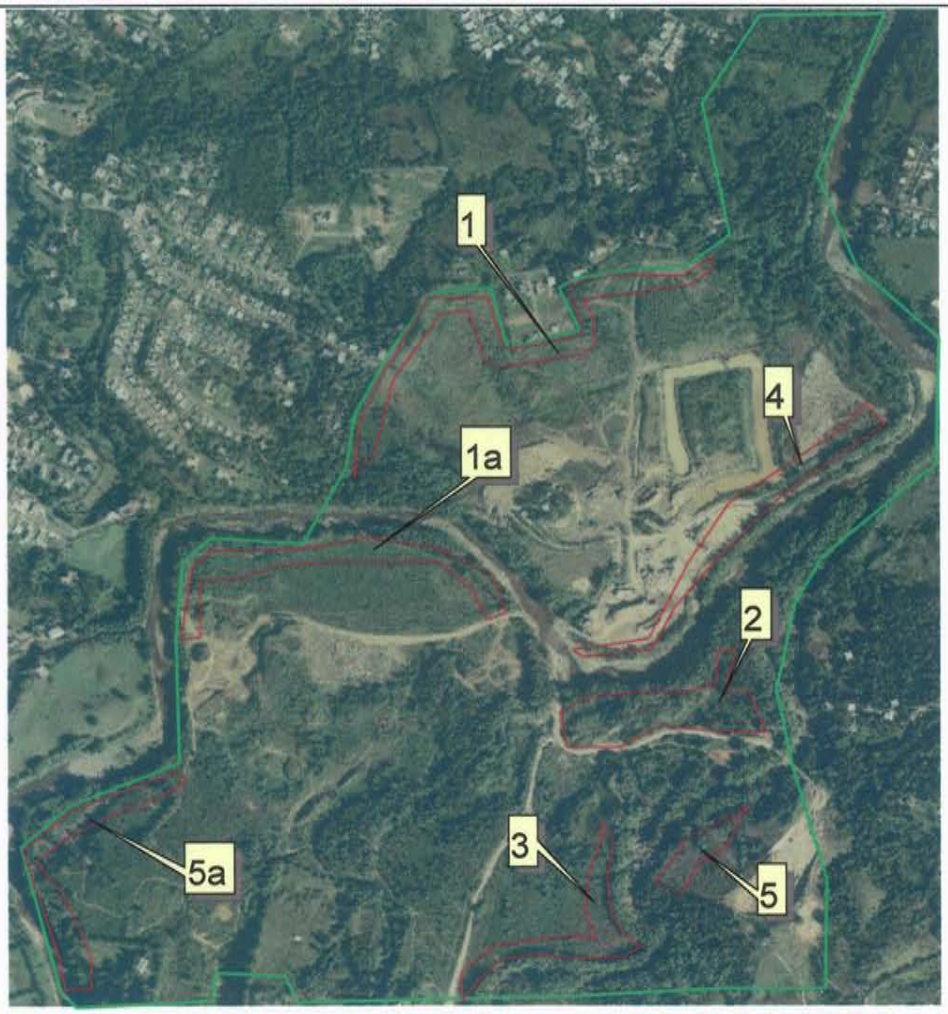
Anejo 4. Zonas Inundables



Anejo 5. Foto Aérea

Golden Environmental Corp.
Consulting Division
144 Calle Zircoria Urb. Los Prados Sur Dorado PR 00646

N

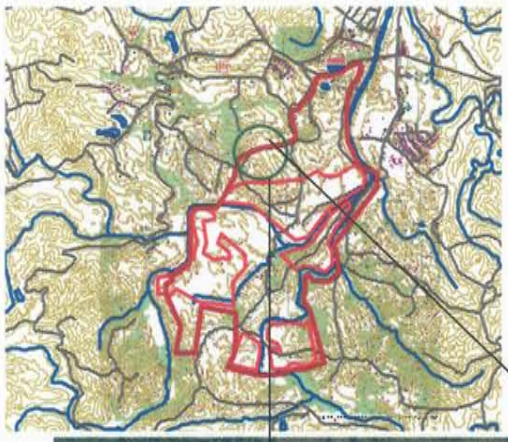


Plan de Siembra de Mitigación
San Lorenzo Sand and Gravel
Etapas de Mitigación

Anejo 6. Localización Etapas de Mitigación (Foto Aérea)

Golden Environmental Corp.
Consulting Division
144 Calle Zircon a Urb. Los Prados Sur Dorado PR 00646

N

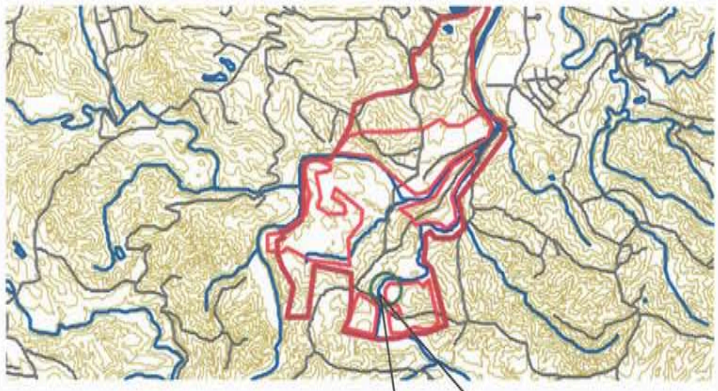


2.2 cuerdas
aproximadamente
Franja de 10 metros

Plan de Siembra de Mitigación
San Lorenzo Sand and Gravel
Area de Mitigación (Etapa 1a)

Golden Environmental Corp.
Consulting Division
144 Calle Zircon Urb. Los Prados Sur Dorado PR 00646

N

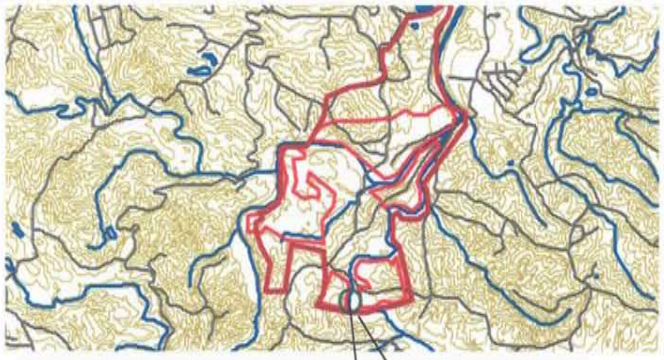


1 cuerda
aproximadamente
Franja de 30 metros

Plan de Siembra de Mitigación
San Lorenzo Sand and Gravel
Area de Mitigación (Etapa 2)

Golden Environmental Corp.
Consulting Division
144 Calle Zirconia Urb. Los Prados Sur Dorado PR 00646

N

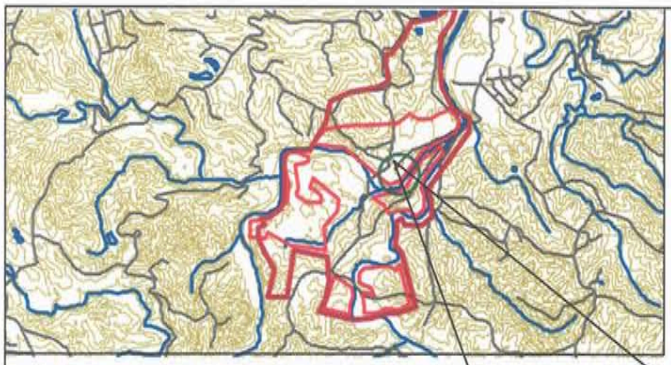


3.5 cuerdas
Franja de 30 metros
1,621 árboles

Plan de Siembra de Mitigación
San Lorenzo Sand and Gravel
Area de Mitigación (Etapa 3)

Golden Environmental Corp.
Consulting Division
144 Calle Zirconia Urb. Los Prados Sur Dorado PR 00646

N



5.2 cuerdas
Franja de 30 metros
2,408 árboles

Plan de Siembra de Mitigación
San Lorenzo Sand and Gravel
Area de Mitigación (Etapa 4)

Golden Environmental Corp.
Consulting Division
144 Calle Zirconia Urb. Los Prados Sur Dorado PR 00646

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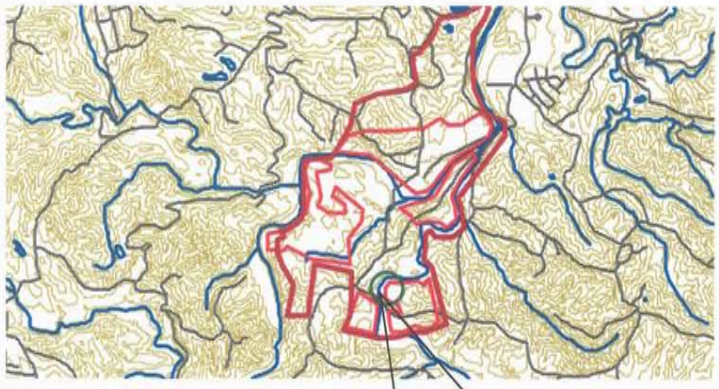
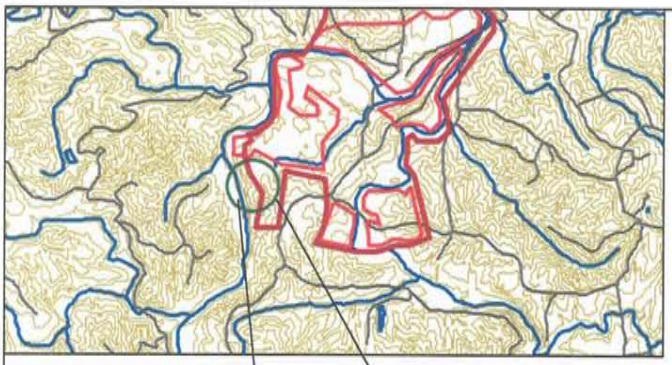


1 cuerda
Franja de 30 metros
463 árboles

Plan de Siembra de Mitigación
San Lorenzo Sand and Gravel
Area de Mitigación (Etapa 5)

Golden Environmental Corp.
Consulting Division
144 Calle Zirconia Urb. Los Prados Sur Dorado PR 00646

N



1 cuerda
Franja de 10 metros
463 árboles

Plan de Siembra de Mitigación
San Lorenzo Sand and Gravel
Area de Mitigación (Etapa 5a)

Anejo 7. Material Disponible en Viveros

TROPICAL FRUITS & PLANTS
MARTEX FARMS
SANTA ISABEL, PUERTO RICO

MARTEX FARMS - PALMS AND TREES
PRICE LIST

Availability as of September 2004
Tel. 787 845-4909
Fax. 787 845-5937

E: veny@martexfarms.com
E: rrodriguez@martexfarms.com
www.martexfarms.com

ÁRBOLES EN 3 GAL (10"), 7 GAL (14") / TREES IN 3 GAL (10"), 7 GAL (14")

Spanish Common Name	English Common Name	Botanical Name	Delivery	Description	Cost
Almendro	Indian Almond Tree	*Terminalia catappa*	7 gal	6-7'	$30/ea
Árbol de Helecho Japones	Japanese Fern Tree	*Filicium decipiens*	7 gal	5-6'	$30/ea
Árbol de Hierro	Lividia Ferrea	*Lividia ferrea*	7 gal	5-6'	$30/ea
Árbol de Orquídea	Orchid Tree	*Bauhinia purpurea*	7 gal	6'	$30/ea
Árbol del Paraíso	Paradise Tree	*Simarouba glauca*	7 gal	6-8'	$30/ea
Ardicia	n/a	*n/a*	3 gal	2-3'	$7/ea
Café de la India	Jasmine	*n/a*	3 gal	2-3'	$7/ea
Calistemón	Bottle Brush	*Callistemon citrinus*	7 gal	4-6'	$30/ea
Caoba Dominicana	West Indian Mahogany	*Swietenia mahagoni*	7 gal	6-8'	$30/ea
Capa Prieto	Onion Cordia	*Cordia alliodora*	7 gal	6-7'	$25/ea
Clitoria	Buterfly Pea	*Clitoria fairchildiana*	7 gal	6'	$30/ea
Cordia	Geiger Tree	*Cordia sebestena*	7 gal	5-6'	$30/ea
Dágame	Lemonwood Tree	*Calycophyyllum candidissimum*	7 gal	6-8'	$30/ea
Emajaguilla	Portia Tree	*Thespesia populnea*	7 gal	5-6'	$25/ea
Eucalipto	Indonesian Gum	*Eucalyptus deglupta*	7 gal	6-8'	$30/ea
Eugenia	Eugenia Myrtifolia	*Eugenia myrtifolia*	7 gal	5'	$25/ea
Eugenia (topiario 2 bolitas)	Eugenia M. (2-ball topiary)	*Eugenia myrtifolia*	3 gal	4'	$25/ea
Eugenia (topiario 3 bolitas)	Eugenia M. (3-ball topiary)	*Eugenia myrtifolia*	7 gal	6'	$65/ea
Ficus	Ficus Benji	*Ficus benjamina*	3 gal	2-3'	$7/ea
Flamboyán Rojo	Royal Poinciana	*Delonix regia*	7 gal	6-7'	$30/ea
Frangipani	Mexican Frangipani	*Plumeria rubra*	7 gal	4-5'	$30/ea
Higüero	Calabash Tree	*Cresentia cujete*	7 gal	5-6'	$25/ea
Jacaranda	Jacaranda	*Jacaranda mimosifolia*	7 gal	6-8'	$30/ea
María	False Mamey	*Calophyllum calaba*	7 gal	6'	$30/ea
Moca	Cabbagebark Tree	*Andira inermis*	7 gal	4'	$30/ea
Neem	Neem Tree	*Azadirachta indica*	7 gal	6-7'	$30/ea
Norfolk Island Pine	Norfolk Island Pine	*Araucaria hetrophylla*	7 gal	5-6'	$35/ea
Podocarpus Maki	Podocarpus Maki	*Podocarpus macrophyllus*	7 gal	3-4'	$25/ea
Pterocarpus	Pterocarpus Indicus	*Pterocarpus indicus*	7 gal	8'	$30/ea
Reina de las Flores	Queen of Flowers	*Lagerstroemia speciosa*	7 gal	5'	$30/ea
Roble Amarillo	Yellow Poui	*Tabebuia glomerata*	7 gal	4-5'	$30/ea
Roble Nativo	White Cedar	*Tabebuia heterophylla*	7 gal	6'	$30/ea
Roble Plateado	Silver Trumpet Tree	*Tabebuia argentea*	7 gal	4-5'	$30/ea
Roble Venezolano	Pink Trumpet Tree	*Tabebuia rosea*	7 gal	6-7'	$30/ea
Saúco	Ginger Thomas	*Tecoma stans*	7 gal	4-5'	$25/ea
Úcar	Black Olive	*Bucida buceras*	7 gal	6-7'	$30/ea

ÁRBOLES EN 10 & 25 GAL / TREES IN 10 & 25 GAL

Spanish Common Name	English Common Name	Botanical Name	Delivery	Description	Cost
Almendro	Indian Almond Tree	*Terminalia catappa*	10 gal	10'	$45/ea
Capa Prieto	Onion Cordia	*Cordia alliodora*	10 gal	8-10'	$65/ea
Ceiba	Silk cotton tree	*Ceiba pentandra*	25 gal	8-10'	$120/ea
Cordia	Geiger Tree	*Cordia sebestena*	10 gal	10'	$65/ea
Eucalipto	Indonesian Gum	*Eucalyptus deglupta*	10 gal	8-10'	$55/ea
Eucalipto	Indonesian Gum	*Eucalyptus deglupta*	25 gal	12-14'	$125/ea
Ficus	Ficus Benji	*Ficus benjamina*	25 gal	8-10' mult	$100/ea
Flamboyán Rojo	Royal Poinciana	*Delonix regia*	10 gal	6-8'	$45/ea
Guayacán	Common lignumvitae	*Guaiacum officinale*	25 gal	4-6'	$195/ea
Ilán Ilán	Ilang Ilang	*Cananga odorta*	10 gal	8-10'	$45/ea
Oreja de Mono	Monkey Ear Pod	*n/a*	10 gal	8-10'	$45/ea
Pterocarpus	Pterocarpus Indicus	*Pterocarpus indicus*	10 gal	8-10'	$45/ea
Roble Nativo	White Cedar	*Tabebuia heterophylla*	25 gal	8-10'	$150/ea
Uva Playera	Sea Grape	*Coccoloba uvifera*	25 gal	6-7'	$100/ea

ARBOLES EN BOLSA / TREES IN GROW BAG

Spanish Common Name	English Common Name	Botanical Name	Delivery	Description	Cost
Árbol de Helecho Japones	Japanese Fern Tree	*Filicium decipiens*	GB 18"	8'	$100/ea
Árbol de Hierro	Lividia Ferrea	*Lividia ferrea*	GB 18"	8'	$100/ea
Árbol de Orquídea	Orchid Tree	*Bauhinia purpurea*	GB 18"	10-12'	$100/ea
Caoba Dominicana	West Indian Mahogany	*Swietenia mahagoni*	GB 18"	10'	$100/ea
Capa Prieto	Onion Cordia	*Cordia alliodora*	GB 18"	8-10'	$100/ea
Cordia	Geiger Tree	*Cordia sebestena*	GB 18"	10'	$100/ea
Eugenia	Eugenia Myrtifolia	*Eugenia myrtifolia*	GB 18"	4-6'	$50/ea

ARBOLES DE CAMPO / TREES FIELD GROWN

Spanish Common Name	English Common Name	Botanical Name	Delivery	Description	Cost
Caoba Dominicana	West Indian Mahogany	*Swietenia mahagoni*	B&B	14'	$120/ea
Flamboyán Rojo	Royal Poinciana	*Delonix regia*	B&B	10-14'	$120/ea
Oreja de Mono	Monkey Ear Pod	*n/a*	B&B	12'	$120/ea
Parkinsonia	Jerusalem Thorn	*Parkinsonia aculeata*	B&B	12-14'	$100/ea
Reina de las Flores	Queen of Flowers	*Lagerstroemia speciosa*	B&B	12-14'	$100/ea
Roble Venezolano	Pink Trumpet Tree	*Tabebuia rosea*	B&B	10-12'	$100/ea

PALMAS EN 7, 10 & 25 GAL / PALMS IN 7, 10 & 25 GAL

Spanish Common Name	English Common Name	Botanical Name	Delivery	Description	Cost
Areca Catechu	Betelnut Palm	*Areca catechu*	10 gal	6-8'	$35/ea
Cyca	Sago Palm	*Cycas revoluta*	7 gal	2'	$30/ea
Latania	Blue Latan Palm	*Latania loddigesii*	7 gal	1-2'	$30/ea
Latania	Blue Latan Palm	*Latania loddigesii*	10 gal	2-3'	$50/ea
Livistonia	Chinese Fan Palm	*Livistona chinensis*	7 gal	2-3'	$30/ea
Palma Rabo de Zorra	Foxtail Palm	*Wodyetia bifurcata*	7 gal	3'	$30/ea
Palma Roebelenii	Pygmy Date Palm	*Phoenix roebelenii*	7 gal	2-3' s,m	$30/ea
Pony Tail	Pony Tail	*n/a*	10 gal	2-3'	$40/ea
Spindle, Palma de Botella	Spindle Palm	*Hyophorbe verschaffeltii*	10 gal	3-4'	$30/ea
Triangular	Triangle Palm	*Neodypsis decaryi*	7 gal	2-3'	$30/ea
Triangular	Triangle Palm	*Neodypsis decaryi*	10 gal	4-5'	$60/ea
Triangular	Triangle Palm	*Neodypsis decaryi*	25 gal	5-6'	$100/ea

PALMAS DE CAMPO / PALMS FIELD GROWN

Spanish Common Name	English Common Name	Botanical Name	Delivery	Description	Cost
Adonidia	Christmas Palm	*Veitchia merrillii*	B&B	4-6' (s,m)	$10,$15/ft
Adonidia Venezolana	Winin Palm	*Veitchia winin*	B&B	6-8' (s,m)	$10,$15/ft
Areca	Areca Palm, Butterfly Palm	*Chrysalidocarpus lutescens*	B&B	4-6' (m)	$10/ft
Coco	Cocos nucifera	*Cocos nucifera*	B&B	6-10'	$15/ft
Coco Filipino	Malayan Dwarf	*Cocos nucifera*	B&B	4-6'	$15/ft
Coco Plumoso	Queen Palm	*Syagrus romanzoffiana*	B&B	6-15'	$15/ft
Cola de Pez	Fishtail Palm	*Caryota mitis*	B&B	12-14' (m)	$10/ft
Latania	Blue Latan Plam	*Latania loddigesii*	GB 25"	7'	$150/ea
McArthur	McArthur Palm	*Ptychosperma macarthurii*	B&B	10-14' (m)	$10/ft
Palma China de Abanico	Chinese Fan Palm	*Livistona chinensis*	B&B	5'	$15/ft
Palma de Coyor	Coyore Ruffle Palm	*Aiphanes acanthophylla*	B&B	6-12'	$15/ft
Palma de Viajero	Travelers Palm	*Revenala madagascarensis*	B&B	8-10'	$15/ft
Palma Rabo de Zorra	Foxtail Palm	*Wodyetia bifurcata*	B&B	6-20'	$20/ft
Palma Roebelenii	Pygmy Date Palm	*Phoenix roebelenii*	B&B	3-4' (s,m)	$15,$20/ft
Pritchardia	Fiji Fan Palm	*Pritchardia pacifica*	B&B	4-6'	$10/ft
Sabal, Palma de Sombrero	Sabal Palm	*Sabal causiarum*	B&B	10-14'	$350/ea
Solitaria	Solitaire Palm	*Ptychosperma elegans*	B&B	6-12' (s,m)	$10,$15/ft
Spindle, Palma de Botella	Spindle Palm	*Hyophorbe verschaffeltii*	B&B	4-6'	$15/ft
Washingtonia	Washingtonia	*Washingtonia robusta*	B&B	4-12'	$15/ft

(s=single trunk, m=multi trunk)

PLANTAS PARA INTERIOR / INTERIOR PLANTS

Spanish Common Name	English Common Name	Botanical Name	Delivery	Description	Cost
Adonidia	Christmas Palm	*Veitchia merrillii*	25 gal	6-8'	$90/ea
Areca	Areca Palm, Butterfly Palm	*Chrysalidocarpus lutescens*	7 gal	4'	$15/ea
Cabadae, Areca Morada	Cabada Palm	*Chrysalidocarpus cabadae*	7 gal	3-4'	$25/ea
Coco Plumoso	Queen Palm	*Syagrus romanzoffiana*	25 gal	8'	$125/ea
Ficus (trenzado)	Ficus Benji (braided)	*Ficus benjamina*	3 gal	4'	$25/ea
Ficus	Ficus Benji	*Ficus benjamina*	25 gal	6-10'	$150/ea
Palma Rabo de Zorra	Foxtail Palm	*Wodyetia bifurcata*	25 gal	6-10'	$150/ea
Rhapis	Rhapis, Lady Palm	*Rhapis excelsa*	7 gal	3'	$50/ea
Rhapis	Rhapis, Lady Palm	*Rhapis excelsa*	10 gal	4'	$75/ea

ÁRBOLES FRUTALES 7 GAL / FRUIT TREES 7 GAL

Spanish Common Name	English Common Name	Botanical Name	Delivery	Description	Cost
Aguacate	Avocado	*Persea americana*	7 gal	3-4'	$30/ea
Cítricos (mandarina, china, toronja)	Citrus (various)	*n/a*	7 gal	3-4'	$30/ea
Guanabana	Soursop	*Annona muricata*	7 gal	3-4'	$30/ea
Limón Criollo	Key Lime	*Citrus aurantifolia*	7 gal	3-4'	$30/ea
Mango	Mango	*Mangifera indica*	7 gal	3-4'	$30/ea

Sobre 70 variedades de palmas y árboles listos a ser boleados, en bolsas y/o en tiestos.

•

Alternativas en palmas y árboles sembrados en tiestos de 7 a 25 galones para exterior e interior.

•

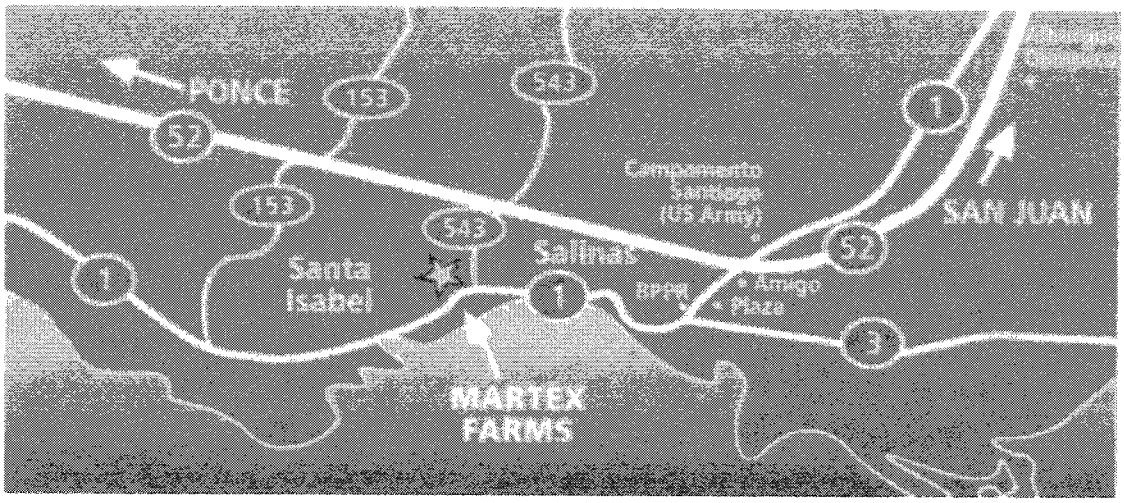
Material de 4' y 6' disponible para todo nuevo desarrollo según exige el Reglamento #25 del DRNA.

•

Transportación a toda la Isla y al exterior.

¡Visítenos y vea nuestra amplia selección!

1 hora y 15 minutos del área metropolitana
lunes a viernes 7:00 am - 4:00 pm



Carr. #1, Km 96.2 (Int. 543), Barrio Jauca, Santa Isabel

Desde San Juan:
Expreso Luis A. Ferré (#52), Salida Campamento Santiago, girar a la izquierda para tomar Carr.#1 SUR, cruzar el pueblo de Salinas hasta la plaza, en el Banco Popular girar a la derecha, continuar en la Carr. #1 hasta el Km 96.2 (aprox. 5-7 min. desde la Plaza de Salinas).

Desde Ponce:
Expreso Luis A. Ferré (#52), Salida Santa Isabel/Coamo, girar a la derecha para tomar Carr.#153 SUR, girar a la izquierda en la intersección con la Carr. #1 dirección ESTE, continuar en la Carr. #1 hasta el Km. 96.2 (aprox. 10 min.).

Nombre cientifico	Nombre comun	Tiesto (gal)	Altura (pies)	Disponible	Precio $US
Adenanthera peregrina	Cojoba	3	5'	36	12
Andira inermis	Moca	3	3'	10	10
Ardisia obovata	Mameyuelo	1	3'	40	5
Azedaracta indica	Neem	3	6'	4	15
Bouchenavia capitata	Grandillo	1	3'	10	10
Bourreria doiminguensis	Vaca	1	4'	2	8
Brownea	Brownea	3	3'	30	10
Bucidas biceras	Ucar	3	4'	25	12
Bursera simarouba	Almacigo	3	4'	17	10
Byrsonimia spicata	Maricao	1	4'	30	8
Byrsonimia spicata	Maricao	3	6'+	60	15
Callophylum calaba	Maria	2.5	4'	30	10
Callophylum calaba	Maria	1	4'	50	5
Casearia sp.	Cafeillo	3	4'	50	10
Cecropia schreberiana	Yagrumo	15-10	6'+	15	25
Cedrela odorata	Cedro hembra	3	4'	4	12
Chryosphylum caimito	Caimito	3	4'	51	10
Clusia rosea	Cupey	10	5'	11	25
Coccoloba diversifolia	Uvilla	3	4'	8	12
Coccoloba pubescens	Moralon	5	5'	15	20
Coccoloba pubescens	Moralon	1	3'	14	10
Coccoloba rugosa	Ortegon	3	4'	28	15
Coccoloba uvifera	Uva playera	1	3'	11	6
Cordia alba	Cereza blanca	3	6'	1	12
Cordia alliodora	Capa prieto	3	5'	11	12
Cordia collococca	Cereza Roja	3	5'	20	12
Cordia nitida	Cereza Roja	3	5'	16	12
Cordia rickseckerii	Lija	3	4'	3	15
Cordia sulcata	Moral	3	4'	20	12
Courupita guanenesis	Bola de canon	3	5'	12	10
Crescentia cujete	Higuera	3	4'	2	10
Crescentia portoricensis	Higuera endemica	3	3'	23	12
Cupania americana	Guara	3	4'	13	10
Cytharexylum fruticosum	Pendula	3	4'	12	8

DRNA 09 FEB 2005 OFICINA DE SECRETARIA

Nombre cientifico	Nombre comun	Tiesto (gal)	Altura (pies)	Disponible	Precio
Dilenia indica	Dilenia	3	3'	10	10
Erythrina sp.	Brucayo	5	5'	30	10
Eugenia biflora	Hoja Menuda	3	3'	65	12
Eugenia biflora	Hoja Menuda	1	2'	40	6
Eugenia monticola	Eugenia	1	3'	65	8
Eugenia rhombea		3	3'	5	12
Ficus citrifolia	Jaguey	10	6'+	2	20
Garcinia dulcis	Garcinia	2.5	3'	10	10
Garcinia mangostana	Mangostin	3	3'	8	10
Genipa americana	Jagua	1	plantula	50	7
Goetzia elegans	Matabuey	5	5'	22	15
Guaicum lignumvitae	Guayacan	5	3'	7	40
Guapira fragans	Corcho	3	3'	40	10
Guarea guidonea	Guaraguao	3	4'	5	10
Hevea brasiliensis	Caucho	5	7'	1	20
Hirtella rugosa		1	3'	1	35
Hymenae courbaril	Algarroba	3	2	10	10
Inga laurina	Guama	1	4'	100	16
Jacquinia arborea	Barbasco	3	3'	4	15
Juglans jamaicensis	Nogal	5	4'	12	12
Lecythis sp.	Monkey Pot	3	3'	5	12
Macadamia integrifolia	Nuez macadamia	5	4'	1	12
Malpighia coccigea	azotacaballo	1	peq.	13	10
Manilkara bidentata	Ausubo	3	4'	10	12
Melia acedarac	Alelaila	5	5'	3	12
Melicocous bijugatus	Quenepa	2.5	5'	30	10
Miconia sp.	Camasey	3	5'	4	10
Musa velutina	Guineo rosado	3	2'	5	8
Myrcine floribunda		3	6'	11	10
Ochroma piramidale	Guano	3	6'	20	15
Ocotea leucoxylon	Laurel geo	2.5	2'	2	12
Ottoschulzia rhodoxylon	Palo de rosa	1	2'	20	12

PLANTAS DISPONIBLES (P-Z)

Nombre cientifico	Nombre comun	Tiesto (gal)	Altura (pies)	Disponible	Precio
Pakira aquatica	Cacao de agua	5	5'	20	12
Paratesis sp.	Rascagarganta	1	2'	5	8
Petitia dominguensis	Capa blanco	1	3'	14	8
Pimenta racemosa	Malagueta	3	4'	10	10
Pithecelobium dulcis	Guama americano	3	4'	15	10
Prunus occidentalis	Almendron	3	3'	10	12
Pterocarpus officinalis	Palo de pollo	3	5'	50	15
Randia aculeata	Tintillo	3	4'	90	12
Ravenala madagascarense	Palma de viajero	10	5'	5	25
Redia portoricensis	Palo de cruz	1	2'	6	10
Samanea saman	Saman	5	5'	20	15
Sapindus saponaria		3	5'	6	10
Scaveola plumieri	Ink berry	3	3'	10	10
Scaveola plumieri	Ink berry	1	2'	10	6
Sizygium malacensis	Manzana malaya	3	5'	2	10
Spondias mombim	Jobillo	3	4'	20	10
Stahlia monosperma	Cobana negra	3/5	5'	60	12
Swetenia macrophyla	Caoba hibrida	5	5'	22	10
Swetenia mahogany	Caoba sta cruz	5	6'	15	12
Syzygium jambos	Pomarrosa	3	4'	22	12
Tabebuia heterophylla	Roble comun	5	5'	10	12
Tamarrindus indica	Tamarindo	3	3'	8	10
Tectonia grandis	Teca	3	6'	14	12
Thebroma grandiflora	Copasu	15	5'	1	45
Thespesia especiosisima	Maga	3	5'	20	12
Vitex divaricata	Pendula blanca	3	6'	20	12
Zanthoxyllum sp.	Espino Rubial	3	4'	8	12

FOTOS!!!=

VIVERO CAMBALACHE

Sección de Producción y Distribución

INVENTARIO DE ARBOLES

MES *Diciembre 2004*

ESPECIES	1 Galon	3 Galones	Bandeja	TOTAL
Acasia	145	6	592	
Aceitillo			190	
Acerola			494	
Adonidia Venezolana		100	1,254	
Alelahila	280			
Almácigo				
Almendro		392	836	
Astromelia				
Ausubo	1,823	4	7,714	
Bahuinia	80	150	1,900	
Café de la India	100		76	
Cahoba Hondureña	3.700	127	1,102	
Cahoba Santa Cruz				
Cahoba Dominincana	1,146	312	874	
Capá Blanco			342	
Capá Prieto	6,601	1	15,000	
Cedro Hembra	2,097		4,442	
Ceiba				
Cepillo de Botella	555	937	532	
Clavellina	15			
Clitoria				
Cobana Negra	1,054		228	
Cojoba	581	224	1,482	
Emajaguilla	1,200	356	5,776	
Eucalipto Deglupta	300	20	380	
Flamboyán Rojo	1,270	711	760	
Granadillo	735			
TOTAL	**Gran Total – Final 4ta Página**			

VIVERO CAMBALACHE

Sección de Producción y Distribución

INVENTARIO DE ARBOLES

MES *Diciembre 2004*

ESPECIES	1 Galon	3 Galones	Bandeja	TOTAL
Guanabana	20			
Guaraguao	200		300	
Guayacán	275		152	
Higuera	150		38	
Higuerillo	671	38	1,400	
Icaco	514		1,824	
Ilán – Ilán	200	350	380	
Jacaranda				
Leea		20		
Maga		70		
Mahoe				
Malagueta	1,500	11	380	
Mangle				
Manzana Malaya	210			
María	1,000	327	380	
Marshall	11			
Matabuey	600	33	1,900	
Moca	50	116		
Molinillo	183			
Moralón	3,317	6	456	
Noni			1,216	
Nim	600		1,102	
Ortegón			1,216	
Pajuil				
Palma Abanico	100		2,888	
Palma Adonidea	500	430	3,000	
Palma Adonidea Venezolana	847			
TOTAL	Gran Total – Final 4ta Página			

VIVERO CAMBALACHE

Sección de Producción y Distribución

INVENTARIO DE ARBOLES

MES *Diciembre 2004*

ESPECIES	1 Galon	3 Galones	Bandeja	TOTAL
Palma Areca	200	450	4,496	
Palma Borbón	650			
Palma Cola de Pescado				
Palma Corozo		4		
Palma de Coco		20		
Palma Coco Plumosa			643	
Palma Desconocida				
Palma de Lluvia			380	
Palma Magestic		100		
Palma Manaca		610		
Palma Mc Arthur	466	43	342	
Palma Real	30			
Palma Rubelini	200	704	3,382	
Palma Triangular			532	
Palma Washingtonia	500		8,018	
Palo de Hierro				
Pendula	233		266	
Pterocarpus	514	411	760	
Reina de las Flores	697	490	1,320	
Retama San José	210		1,476	
Roble Artentea				
Roble de Seda				
Roble Curi	1	100		
Roble Gomerata	410	194	760	
Roble Nativo	5,525	335	30,020	
Roble Venezolano	1	50	2,546	
Roncador	4			
GRAN TOTAL	**Gran Total – Final 4ta Página**			

VIVERO CAMBALACHE

Sección de Producción y Distribución

INVENTARIO DE ARBOLES

MES *Diciembre 2004*

ESPECIES	1 Galon	3 Galones	Bandeja	TOTAL
Samán	185		304	
Sauco Amarillo	428		646	
Scheflera	500	400	664	
Santa María	1,300	300		
Teca	1,100			
Terminalia	268	100		
Tortugo Amarillo	305		76	
Ucar	2,000	523	3,498	
Uva de Playa	3,799	1,033	3,498	
Violeta			1,110	
Vomitel Colorado	100	130		
GRAN TOTAL	**51,874**	**10,748**	**123,346**	

Anejo 8. Especificaciones ISA

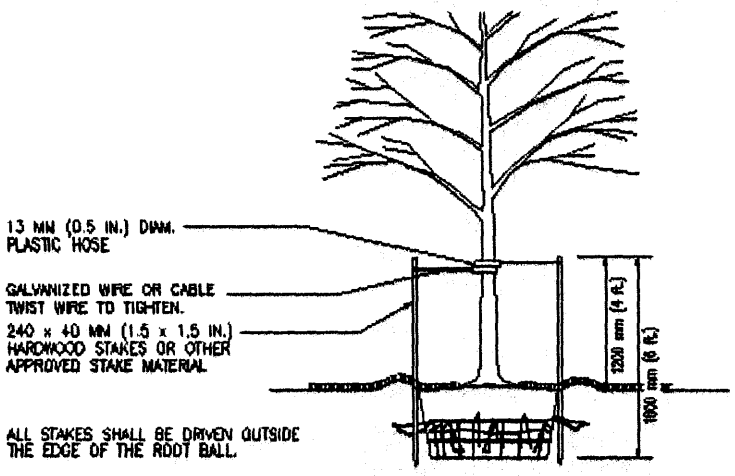
INTERNATIONAL SOCIETY OF ARBORICULTURE

INTERNATIONAL SOCIETY OF ARBORICULTURE
1400 WEST ANTHONY DRIVE
CHAMPAIGN, IL 61821
(217) 355-9411
(217) 355-9516 FAX

WIRE OR CABLE SIZES SHALL BE AS FOLLOWS:
TREES UP TO 65 MM (2.5 IN.) CALIPER - 14 GAUGE
TREES 65 MM (2.5 IN.) TO 75 MM (3 IN.) CALIPER - 12 GAUGE

TIGHTEN WIRE OR CABLE ONLY ENOUGH TO KEEP FROM SLIPPING. ALLOW FOR SOME TRUNK MOVEMENT. PLASTIC HOSE SHALL BE LONG ENOUGH TO ACCOMMODATE 35MM (1.5 IN.) OF GROWTH AND BUFFER ALL BRANCHES FROM THE WIRE.

TUCK ANY LOOSE ENDS OF THE WIRE OR CABLE INTO THE WIRE WRAP SO THAT NO SHARP WIRE ENDS ARE EXPOSED.



ASSURE THAT THE BEARING SURFACE OF THE PROTECTIVE COVERING OF THE WIRE OR CABLE AGAINST THE TREE TRUNK IS A MINIMUM OF 12 MM (0.5 IN.).

REMOVE ALL STAKING AS SOON AS THE TREE HAS GROWN SUFFICIENT ROOTS TO OVERCOME THE PROBLEM THAT REQUIRED THE TREE TO BE STAKED. STAKES SHALL BE REMOVED NO LATER THE END OF THE FIRST GROWING SEASON AFTER PLANTING.

TREES NORMALLY DO NOT NEED TO BE STAKED AND STAKING CAN BE HARMFUL TO THE TREE. STAKING SHOULD BE DONE ONLY WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT IF IT IS EXPECTED THAT THE TREE WILL NOT BE ABLE TO SUPPORT ITSELF. THE FOLLOWING ARE REASONS WHY TREES DO NOT REMAIN STRAIGHT.

- TREES WITH POOR - QUALITY ROOT BALLS OR ROOT BALLS THAT HAVE BEEN CRACKED OR DAMAGED. REJECT RATHER THAN STAKE.
- TREES THAT HAVE GROWN TOO CLOSE TOGETHER IN THE NURSERY, RESULTING IN WEAK TRUNKS. REJECT RATHER THAN STAKE.
- PLANTING PROCEDURES THAT DO NOT ADEQUATELY TAMP SOILS AROUND THE ROOT BALL. CORRECT THE PLANTING PROCEDURE.
- ROOT BALLS PLACED ON SOFT SOIL. TAMP SOILS UNDER ROOT BALL PRIOR TO PLANTING.
- ROOT BALLS WITH VERY SANDY SOIL OR VERY WET CLAY SOIL. STAKING ADVISABLE.
- TREES LOCATED IN A PLACE OF EXTREMELY WINDY CONDITIONS. STAKING ADVISABLE.

NOTES

1. PLEASE REFER TO INTRODUCTION AND USE CRITERIA PRIOR TO USING THIS DETAIL.

TREE STAKING DETAIL - TREES 75MM (3 IN.) CALIPER OR LESS

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