

>:>A>20?0;<0-Cocos nucifera

gradinar, ?>=545;=8:14 N;82008-12:42:22

>:>A>20B0?0;<0 5 @0AB5=85>B A5<59AB2> 0;<>28
(Arecaceae). 8@552 D@8:0, <5@8:0, :50=8O8 78O. 18G09=>
@0AB521;87>AB4>B@>?8G=8?;06>25, =>A5A@5108=01000
<=04<>@A:028A>G8=0.

028A>G8=04>AB830>:>;>30<, ;8AB0B08 A0?5@5AB8A
4J;68=0>B44>6<. !B0@8B5;8AB0>?0420B:0B>>AB02OB
AB2>;0>3>;5=83;04J:. ;>4JB=0:>:>A>20B0?0;<05
:>:>A>28OB>@5E.

09-<=>3>A5:C;B828@02.3>87B>G=0 78O, =>8<0>1H8@=8
?:0=B0F8882:0@81A:8O @09>=, ?>-A?5F80;=>=0/<09:08
.:0B0=2 5:A8:>. @0A820B0?0;<0>;8F5B2>@O20
@><0=B8:0B0=0B@>?8F8B5. "O8<08>3@><=0
8:>=><8G5A:0AB>9=>AB. !J15AB2C20B<=>65AB2>
@07=>284=>AB8, >B?0;<846C465B04>4>AB8301820<5B@0
4J@25B0. A8G:8B58<0B25;8G5AB25=8A828AB51;0A:>@>=0
>BA;>6=86J;B> 75;5=8;8AB0. AO:>;8AB>5>:>;>3-5
<5B@04J;3>.

@57?>A;54=8B542545A5B8;5B8O, :>:>A>20B0?0;<02
.6=0\$;>@84015H5=0?04=0B0>B<8:@>>@30=87J<, :>9B>
?@8G8=O201>;5AB, =0@5G5=0A<J@B>=>A=>?>6J;B020=5.
010AB8525G5A5?@>8725640B @07A048, :>8B>A0
@578AB5=B=8=01>;5ABB0.

"J9:0B>:>:>A>20B0?0;<0A5>B3;56402B@>?8G5A:8B5
>1;0AB8?>FO;>B> 75<=>:J;1>, >@838=0;=8OB9
?@>87E>4=55B>G=>CAB0=>25=. #G5=8B5A0A:;>==8
404>?CA=0B, G5@>48=0B0=05:7>B8G=>B> @0AB5=85A0
1@53>25B5=0 =489A:8O >:50=, 157?>25G540
A5:>=:@5B878@0B. >:>A>28OB>@5E52AJAB>O=8540
?@5?;020>3@><=8 @07AB>O=8O?@57<>@5B08>:50=8,
70?07209:8:J;=O5<>ABB0 A82B5G5=85=03>48=8.
B45;=>>BB>20, G>25:JB5 @07A0640;?0;<0B0:0:B>
2AO:>4@C3>?>;57=> @0AB5=85.

!25B;8=0 : 18G0A8;=>B>A;J=F5.

;030 : >=0AOACH0,=>E0@5A2082;06=0?>G20,AB830BO40
A5>BF56404>1@5.

!BC4 :<>6540874J@68=0ABC4870<@J720=5,=>A0<>70
:@0B:8?5@8>48.8AB0B0A5>157F25BOB,0@0AB5=85B>AB020
?>40B;82>=03J18G=8701>;O20=8O.

18:=>25=>?J@28B5F25B>25A5?>O2O20B=0H5AB0B0
3>48=0>B@0728B85B>=0?0;<0B0.&25B>25B5A0
<J6:88;865=A:8824><0H=8CA;>28O155=C6=>40
38>?@0H20B5A?><>IB0=0<5:0G5B:0.!:>@>A;54B>20
A5?>O2O20B?;>4>25B54>1@5?>7=0B8B5
:>:>A>28>@5E8,:>8B>=0@0AB20B102=>2?@>4J;65=85
=0G5AB<5A5F0.040C7@5OB=0?J;=>,8<B@O120
>15?>;>28=3>48=0.B2J=?;>4JB5>128BAJA
75;5=0<5A5AB0>1282:0,2:>OB>(??>4>1=>=0:>AB8;:0)A5
=0<8@0:>:>A>28OB>@5E.4=07@O;0
4209A5B3>48H=0?0;<0@06404>75:>:>A>28>@5E0
703>48=0.A25B0703>48=0A5:>=AC<8@0B>:>;>100000B>=0
:>:>A>28>@5E8.>:>A>20B0?0;<0A5>B3;5640
=09-<=>3>2=48O8\$8;8?8=8B5.

>:>A>20B0?0;<05B@>?8G5A:>@0AB5=85,:>5B>
>18:=>25=>28@552J22;06=8:@091@56=8@09>=8<564C
263@04CA0A525@=08N6=0H8@8=0.@>87E>4JB=0B>20
@0AB5=85=558725AB5=,=><=>78=0A<OB0B,G5<=>78=0
5:A?5@B8A<OB0B,G5@>48=0B08A070?04=0B0G0AB=0"8E8O
>:50=8>AB@>28B52=489A:8O>:50=.

07<=>6020=5 :>AB025B5A256:>:>A>2>@5E(A
G5@C?:0B0)4>?>;>28=0B02J22;06=0?>G200:>?>G20B0
A5?>44J@602;06=0,@0AB5=85B>15?>=8:=54>2-3<5A5F0.
0AB56JB51025=2=0G0;>B>,=>A5CA:>@O20A;54:0B>
@0AB5=85B>87@0AB5.
"078?0;<05AB@0E>B5=0:F5=B2J@EC54=075;5=0
<>@020,0?@57;8AB0B08A5?@5F5640?@8OB=0AO=:070
2JB@5H=8O42>@.7?>;72070>D>@<O=5B>=03>@8G:88;8
0;58?>:@09C;8F8.#AB>9G8205=0A>;,70B>208A587?>;720
?>:@091@568OB070?>AB830=5=0B@>?8G5A:85D5:B.&5=5=
E@0=8B5;5=87B>G=8:>B B@>?8F8B5,?;>4JB=0
:>:>A>20B0?0;<0A5AJAB>8>B G5@C?:0,873@045=0>B
D81@8,?>:@8B0A>1554=0-B2J@404J@25A=0.JB@52
G5@C?:0B051O;>B><5A>, =0@5G5=>copra."><>6540
1J45=0ABJ@30=>887?>;720=>23>B20@AB2>B>
?@548<=>2A;04:0@AB2>B>.A25=B>20<>65401J45
872;5G5=5:AB@0:B=0:>:>A>2>>;8>,>5B>AJI>A5
?>;72070A;04:0@A:8F5;8.JB@5H=>ABB0=0:>:>A>28O
>@5E5:CE08<>6540AJ4J@60B.=0@.:>:>A>2><;O:>

>A=>2=0 AJAB02:0 =0 ?8=0- :>;040B0, 2:CA=0 0;>E>;=0
=0?8B:0. >-206=0 5 >10G5 ?@8;>65=85B> <C 2
?0@DN<5@89=0B0 8:>7<5B8G=0B0 8=4CAB@8O 70
?@>872>4AB2>=0 A0?C=8, :0:B> 8=0 A<07>G=8 <0A;0,
5:A?;>7828 8 <0@30@8=. J=H=0B0 4515;0 G5@C?:0 5
87B>G=8: =0 B2J@48 D81@8, =0@5G5=8coir, :>8B> A5 87?>;720B
70=0?@020B0=0 87B@820;:8 70:@0:0 8 G5B:8. 8AB0B0 A5
87?>;720B 2=O:>8 @09>=8=0 A25B0 70 873@0640=5B>=0
?>:@828=0:Jl8.

>:C?:0

* >:>A>28OB>@5E B@O120 40 5 ?J;5=, ?@8 @07:;0l0=5 40 A5
GC20 :0: 2>40B0 A5 42868, 40 5 157 ?C:=0B8=8.
* "@8B5 >G8(4C?G8F8B5) B@O120 40 A0 =5?>:JB=0B8, 157
?;5A5=.
* 0;8 2JB@5H=>ABB0 5 3@0=820 8 3>@G820 A5 CAB0=>2O20 A;54
>B20@O=5.
* !@54=>B> B53;>=0 548=:>:>A>2>@5E 5 <564C600 8800
3@0<0 8 5 4>AB0BJG5= 70 ?@83>B>2;5=85B>=0 A;04:8H 706
G>25:0.

!JE@0=5=85

* >30B> 5=5?>:JB=0B, :>:>A>28OB>@5E 874J@601-2 <5A5F0
=0 AB09=0 B5<?5@0BC@0.
* >30B> 5>B2>@5=, :>:>A>28OB>@5E A5 4J@68 2
G5:<5465B>=0 E;048;=8:0.
* >30B> 5 87ACH5=, =O<0 A@>:=0 3>4=>AB 8 A5 AJE@0=O20 2
?;JB=> 70B2>@5= AJ4=0 ?@>E;04=> <OAB>.

7?>;720=5=0 :>:>A>28O>@5E

* >40B0 2 :>:>A>28O>@5E A5 87F5640 2 G0H0, A;54 :0B> A5
?@>18OB A H8;>>B2>@8 2 4C?G8F8B5.
* !0<8OB>@5E A5 @07GC?20 A ?><>IB0=0 GC:. "C75<F8B5
87?>;720B <0G5B5 8;8 3>;5<8=>6>25 A H8@>:> >AB@85, 70
40 @07@560B :>:>A>28O>@5E.

#?>B@510

>:>A>28OB>@5E 5>A=>2=0 AJAB02:0 2 0780BA:0B0,
0D@8:0=A:0B0, 8=489A:0B0, 8=4>=5789A:0B0 8
N6=>0<5@8:0=A:0B0 :CE=O.
7?>;720 A5 70 ?@83>B2O=5B> AC?8, A>A>25, OAB8O 8 45A5@B8.
>:>A>20B0 2>40 8 :>:>A>2>B> <;O:> A5 87?>;720B 2 AC?8

8 A>A>25. 0ABJ@30=0B0 2JB@5H=>AB A8 ?>4E>640 A ?8;5 8;8
A 45A5@B8.

>:>A>20 2>40

* >:>A>20B0 2>40 5 2>40B0, :>OB> A5 AJ4J@60 2 :>:>A>28O
>@5E. 5 1820 40 A5 1J@:0 A :>:>A>2>B> <;O:>. "078 2>40 5
G8AB0 8 A;C68 70 CB>;O20=5 =0 60640B0.

>:>A>2> <;O:>

@548 40 C7@55=0?J;=>, :>:>A>28OB>@5E AJ4J@60
:>:>A>2> <;O:>, :>5B> ?@54AB02;O20 A;04:0 8
15;57=8:020 B5G=>AB. ! C7@O20=5B>=0 >@5E0, B078
B5G=>AB A5 2B2J@4O20 8 BO 5 2AJI=>AB 0@><0B=0B0, 1O;0 8
B2J@40 2JB@5H=>AB =0 :>:>A>28O >@5E. !;54>20B5;=>,
:>30B> :C?C20<5 :>:>A>2 >@5E, B>9 25G5 =5 AJ4J@60
:>:>A>2> <;O:>, 0 A0<> :>:>A>20 2>40. > :>:>A>2>B>
<;O:> <>65 40 A5 ?@83>B28 2 4><0H=8 CA;>28O ?> A;54=8O
=0G8=:

* !<5A5B5500 <; ?@OA=> <;O:> A250 <; B5G=0 A<5B0=0 8120 3
:>:>A>28 ABJ@3>B8=8. !;>65B5 A<5AB0 40 :8?=5 8 A;54 B>20
O>AB025B5 7030 <8=CB8 =0 B8E >3J=. 071J@:09B5,
?@5F545B5, :0B>=0B8A:0B5 A ;J68F0, 70 40 A5 >BF548 4>1@5
<;O:>B>. >:>A>2>B> <;O:> A5 87?>;720 2 @07;8G=8
0780BA:8 OAB8O, 2 8=489A:>B> :J@8, 2 A>A>25 8 >@87, 2 45A5@B8,
:0B> ?@84020 87:;NG8B5;5= 0@><0B 8 2:CA.