

& 8 3 0 = G 5 - Impatiens sultani

gradinar, A J 1 > B 0 20 A 5 ? B 5 < 2 @ 8 2008 - 15:14:39

Normal 0 21 false false false MicrosoftInternetExplorer4 Normal 0 21 false false false MicrosoftInternetExplorer4

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4 => > B 4 5 A 5 B B 5 = 0 9- ? > ? C ; O @ = 8 @ 0 A B 5 = 8 O 2 2 @ > ? 0 8 !).
? > A ; 5 4 = 8 B 5 4 5 A 5 B 3 > 4 8 = 8 = 0 < 8 = 0 ; 8 O 2 5 : 5 2 5 G 5 5 4 => > B
= 0 9- ? @ > 4 0 2 0 = 8 B 5 F 2 5 B O 7 0 5 4 => A J A A 0 : A 8 9 = 8 B 5 E @ 8 7 0 = B 5 < 8
8 ? 5 ; 0 @ 3 > = 8 C < 8. => 3 > = 5 ? @ 5 B 5 = F 8 > 7 =>, 7 0 B > 2 0 A 5
? @ 5 ? > @ J G 2 0 8 = 0 = 0 G 8 = 0 5 1 8 ; N 1 8 B 5 ; 8 = 0 F 2 5 B O. 1 8 ; =>
F J D B O I > B N = 8 4 > : B > < 2 @ 8 A = 0 9- @ 0 7 => 1 @ 0 7 = 8 1 0 3 @ 8,
7 0 ? 0 7 2 0 I > 4 5 : > @ B 8 2 => A B B 0 A 8, A 2 J 7 < > 6 => A B 8 4 0 A 5
> B 3 ; 5 6 4 0 : 0 B > 1 0 ; : > = A : >, 3 @ 0 4 8 = A : > 8 4 > @ 8 A B 0 9 =>
@ 0 A B 5 = 8 5 8 = 8 A : 0 F 5 = 0 - 2 A 8 G : > B > 2 0 3 > ? @ 0 2 8 6 5 ; 0 => 8
4 > A B J ? => 7 0 < = > 7 8 = 0.

> 4 > 2 > B > = 0 7 2 0 = 8 5 8 4 2 0 > B ; 0 B 8 = A : 0 B 0 4 C < 0 impatiens -
= 5 B J @ ? 5 ; 8 2, : > 5 B > 5 = 0 < 5 : 7 0 @ 0 7 ? C : 2 0 = 5 B > = 0
? ; > 4 > 2 5 B 5 ? @ 8 = 0 9- A ; 0 1 > 4 > : > A 2 0 = 5 ? @ 8 = O : > 8 2 8 4 > 2 5. ">
5 < = > 3 > 3 > 4 8 H =>, B @ 5 2 8 A B >, A J A A > G = 8 A 2 5 B ; > 7 5 ; 5 = 8
A B J 1 ; 0, : > 8 B > A 5 @ 0 7 ; ; > = O 2 0 B 8 F O ; > B > E @ 0 A B G 5 = 0
2 J 7 @ 0 A B => B > @ 0 A B 5 = 8 5 A 5 > 1 A 8 ? 2 0 A F 2 5 B G 5 B 0 - 1 5 ; 8,
@ > 7 > 2 8, 2 8 > ; 5 B > 2 8 8 ; 8 > @ 0 = 6 5 2 >- G 5 @ 2 5 = 8.

Normal 0 21 false false false MicrosoftInternetExplorer4 # = 0 A 3 > = 0 @ 8 G 0 B
A 8 3 C @ = > 2 A 5 7 0 @ 0 4 8 B 0 7 8 = 5 ? @ 5 B 5 = F 8 > 7 => A B 8 2 5 A 5 ; 8,
H 0 @ 5 = 8 F 2 5 B > 2 5, 2 = 3 ; 8 O 7 0 @ 0 4 8 " C A J @ 4 = > B >" A 8 8
? @ > 4 J ; 6 8 B 5 ; => F J D B 5 = 5 A 0 3 > = 0 @ 5 ; ; 8 " Busy Lizzie ", @ C A = 0 F 8 B 5
3 > = 0 @ 8 G 0 B 3 0 ; L > 2 = > " < > : @ 8 O 0 = : 0 ", 7 0 I > B > ? @ 5 4 ? > G 8 B 0
2 8 = 0 3 8 4 0 < C 5 ? >- < > : @ 8 G : > 8 ; 8 " > 3 J = G 5 ", 7 0 @ 0 4 8 O @ : 8 B 5 < C
F 2 5 B > 2 5.

& 8 3 0 = G 5 B > 8 ; 8 : 0 : B > 5 ; 0 B 8 = A : > B > < C = 0 8 < 5 = > 2 0 = 8 5

Impatiens

5 > B A 5 < 5 9 A B 2 > Balsaminaceae. 0 7 2 0 = 8 5 B > = 0 @ > 4 0 ? @ > 8 7 E > 6 4 0 > B
; 0 B 8 = A : 8 B 5 4 C < 8 im (in) = 5, 1 5 7 8 patiens ? > = 0 A O I, 8 7 4 J @ 6 0 I = 0

= 0 B 8 A :, : > 5 B > = 0 < 5 : 2 0, G 5 7 @ 5 ; 8 B 5 ? ; > 4 G 5 B 0, : @ 8 5 1 8

4 5 A 5 B : 8 A 5 < 5 = F 0, = 5 ? > = 0 A O B 8 = 0 9- ; 5 : > 4 > : > A 2 0 = 5 4 > B O E -

2 5 4 = 0 3 0 A 5 > B 2 0 @ O B, ? @ J A : 0 9 : 8 A 5 < 5 = F 0 B 0. ! 5 < 5 9 A B 2 > B >

= 0 1 @ > O 2 0 > : > ; 5 0 0 2 8 4 0 5 4 = > 3 > 4 8 H = 8 8 < = > 3 > 3 > 4 8 H = 8

B @ 5 2 8 A B 8 @ 0 A B 5 = 8 O 8 ? > ; C E @ 0 A B 8, @ 0 7 ? @ > A B @ 0 = 5 = 8

? @ 5 4 8 < = > 2 A C 1 B @ > ? 8 F 8 B 5 8 B @ > ? 8 F 8 B 5 = 0 7 8 O 8 D @ 8 : 0.

= 0 A, F 2 5 B O B 0, : > 8 B > ? > 7 = 0 2 0 < 5 > B A 0 : A 8 8 B 5 8 3 @ 0 4 8 = 8 B 5 = 0

= 0 H 8 B 5 1 0 1 8 A 0 > B ? >- @ 0 7 ? @ > A B @ 0 = 5 = 8 B 5 A > @ B > 2 5

Impatiens walleriana

8 Impatiens balsamina.

5 B ;>; N 18 2 > 5, @ 0 A B 5 4 > 1 @ 5 8 = 0 A 5 2 5 @ = 8 ? @ > 7 > @ F 8, => 3 >
? 0 7 5 B 5 > B ? @ 5 : 8 A ; J = G 5 2 8 ; J G 8. @ 5 7 ; O B > B > 8 < 0 = C 6 4 0 > B
> 1 8 ;=> ? >; 8 2 0 = 5, 0 ? @ 5 7 7 8 < 0 B 0 - C < 5 @ 5 =>. 5 5
2 7 8 A : 0 B 5 ;=> : J < ? > G 2 0 B 0. @ 5 7 5 A 5 = B 0 8 7 8 < 0 B 0 B @ 0 1 2 0 4 0
A 5 4 J @ 6 8 = 0 B 5 < ? 5 @ 0 B C @ 0 = 0 4 1 0 3 @ 0 4 C A 0, 7 0 I > B > A ? 8 @ 0 4 0
F J D B 8 8 7 0 ? > G 2 0 B 4 0 ? 0 4 0 B ; 8 A B 0 B 0 < C.

Impatiens walleriana Hook. (A 8 = > = 8 < 8 - I. hostii Engl. et Warb., I. sultani Hook. f.).

> 4 8 = 0 B 0 < C 5 7 B > G = 0 D @ 8 : 0 (" 0 = 7 0 = 8 0, > 7 0 < 1 8 :). 0 A B 5 2
? ; 0 = 8 = 8 B 5 = 0 2 8 A > G 8 = 0 4 > 1 7 0 0 <, ? > 1 @ 5 3 > 2 5 B 5 = 0
? ; 0 = 8 = A : 8 B 5 @ 5 : 8.
B : @ 0 O = 0 % % 2 5 : A 5 > B 3 ; 5 6 4 0 : 0 B > : C ; B C @ = > @ 0 A B 5 = 8 5.
" > 2 0 < = > 3 > 3 > 4 8 H => @ 0 A B 5 = 8 5 A 5 > B 3 ; 5 6 4 0 ? @ 5 4 8 2 A 8 G : >
: 0 B > A 0 : A 8 9 =>, 8 < 0 A 8 ;=> @ 0 7 : ; > = 5 =>, A B 5 ; 5 I > A 5
A 2 5 B ;> 7 5 ; 5 => A B J 1 ;> A 2 8 A > G 8 = 0 2 5 3 5 A < 8
5 ; 8 ? A > 2 8 4 = > - ; 0 = F 5 B = 8 ; 5 : > = 0 7 J 1 5 = 8 ; 8 A B 0,
A 2 5 B ;> 7 5 ; 5 = 8 8 ; 8 B J < = 8 A ; 8 ; 0 2 5 5 I, 1 @ > = 7 > 2 > B B 5 = J :.
5 = G 5 ; 8 A B G 5 B 0 B 0 A 0 ? ;> A : 8, @ 0 7 ? > ;> 6 5 = 8 = 0 : J A 8
4 @ J 6 G 8 F 8 2 ? 0 7 2 8 B 5 = 0 ; 8 A B 0 B 0, A ? 5 B 0 A 8 < 5 B @ 8 G = 8 ; 8 A B 5 = F 0
8 < 0 ; : 0 5 ; 5 3 0 = B = 0 H ? > @ 0 - 4 8 0 < 5 B J @ J B 8 < 5 4 > 3 3 , 5 A <.
1 0 3 @ 5 = 8 A 0 @ 0 7 =>> 1 @ 0 7 =>- 2 1 O ;>, @ > 7 > 2 >, > @ 0 = 6 5 2 >,
: > @ 0 ; > 2 > G 5 @ 2 5 =>, F 8 : ; 0 < 5 =>, O @ : > G 5 @ 2 5 =>, ; 8 ; 0 2 >. < 0
8 4 2 C F 2 5 B = 8, 0 B 0 : 0 A J I > 8 : 8 G 5 A B 8 A > @ B > 2 5. = 5 A F 2 5 B 0 @ 8 B 5
B J @ 3 C 2 0 B A J A 1 2 0 2 0 @ 8 5 B 5 B 0 = 0 B > 2 0 ? > 7 = 0 B > > B 3 > 4 8 = 8 8
; N 1 8 < > F 2 5 B 5.
@ 5 7 7 0 - B 5 3 > 4 8 = 8 5 4 = 0 5 : A ? 5 4 8 F 8 O 2 > 2 0 2 8 = 5 O, : > O B >
B J @ A 8 @ > 4 > 4 5 = 4 @ > = 8, = 0 @ 5 4 A 4 @ C 3 8 B 5 > 1 @ 0 7 F 8 4 > = 0 A O 2
5 @ 8 ; 5 = 4 8 @ 0 7 ; 8 G = 8 2 8 4 > 2 5 8 < ? 0 B 8 5 = A. = > 3 > > B B O E
7 0 3 8 2 0 B, = > > F 5 ; 5 ; 8 B 5 A B 0 2 0 B 8 7 E > 4 5 = < 0 B 5 @ 8 0 ;, A : > 9 B >
@ 0 1 > B O B < = > 3 > A 5 ; 5 : F 8 > = 5 @ 8, 4 > : 0 B > A 5 ? > O 2 O B
C 4 8 2 8 B 5 ;= > < = > 3 > A > @ B > 2 5 8 @ 0 7 F 2 5 B : 8 = 0 < ? 0 B 8 5 = A > 2 0
2 8 = 5 O. " 5 A 0 A ? >- 5 4 @ 8 F 2 5 B > 2 5, > 1 @ 0 7 C 2 0 B ? >- : > < ? 0 : B = 0
: > @ > = 0 8 F J D B O B ? >- > 1 8 ;=> > B ; N 1 8 < 8 B 5 = 8 F 8 3 0 = G 5 B 0.
? > A ; 5 4 = 8 B 5 = O : > ; : > 3 > 4 8 = 8 8 C = 0 A A 5 ? > O 2 8 E 0 = > 2 8 B 5
A > @ B > 2 5 **Impatiens New Guinea**, 7 0 2 ; 0 4 5 ; 8 3 @ 0 4 8 = 8 B 5 = 0 2 @ > ? 0 8
< 5 @ 8 : 0, ? > ; C G 5 = 8 2 @ 5 7 C ; B 0 B = 0 4 J ; 3 > 3 > 4 8 H = 0 B 0 @ 0 1 > B 0
= 0 A 5 ; 5 : F 8 > = 5 @ 8 B 5.
> 2 0 2 8 = 5 O 1 J @ 7 > A 5 @ 0 7 ? @ > A B @ 0 = O 2 0 8 4 = 5 A < 0 A > 2 > A 5
8 7 ? > ; 7 2 0 2 ? >- A 5 = G 5 A B 8 4 2 > @ > 2 5 8 3 @ 0 4 8 = 8, 7 0 A 0 4 5 = 2
@ 0 7 = > F 2 5 B = 8 3 @ C ? 8 8 ; 8 1 > @ 4 N @ 8, 2 A 0 : A 8 8 8 A 0 = 4 J G 5 B 0 = 0
? 5 @ 2 0 7 8 B 5 = 0 ? @ > 7 > @ F 8 8 1 0 ; : > = 8, 2 J 2 2 8 A O 1 8 : > H = 8 F 8 8 ; 8
2 0 ; ? 8 = 5 C < 8. 2 ? >- A 5 2 5 @ = 8 B 5 5 2 @ > ? 5 9 A : 8 A B @ 0 = 8 A : J A >
; O B > 8 < = > 3 > 2 0 ; 5 6 8, ; N 1 8 B 5 ; 8 B 5 = 0 F 2 5 B O B 0 3 > > B 3 ; 5 6 4 0 B
F 5 ; > 3 > 4 8 H => : 0 B > A 0 : A 8 9 => @ 0 A B 5 = 8 5.
0 9 - ? > ? C ; O @ = 8 B J @ 3 > 2 A : 8 A > @ B > 2 5 A 0 0 @ 0 4 0 9 7, % 0 @ < > = 8,
! J = H 0 9 =, < ? @ 5 H J =, ! 5 ; 5 1 @ 5 9 H J = 8 N J @ N B 8 , ? @ 5 4 ; 0 3 0 = 8
? @ 0 : B 8 G 5 A : 8 > B 2 A 8 G : 8 F 2 5 B > ? @ > 8 7 2 > 4 8 B 5 ; 8.
0 B > 5 4 = > 3 > 4 8 H => 3 @ 0 4 8 = A : > @ 0 A B 5 = 8 5 C = 0 A A 5 > B 3 ; 5 6 4 0
8 **Impatiens balsamina**. ! 5 < 5 = 0 B 0 < C A 5 A 5 O B @ 0 = > ? @ 5 7 ? @ > ; 5 B B 0,

= 0 ? @ 0 2 > 2 3 @ 0 4 8 = 0 B 0. 0 B > ? > = 8 : = 0 B 8 ? > @ 0 A = 0 B < 0 ; : >, A 5
 @ 0 7 A 0 6 4 0 B = 0 ? > A B > O == > < O A B >. > 6 5 4 0 A 5 : C ? 8 8 3 > B > 2
 @ 0 7 A 0 4. > 9 7 = 0 5 7 0 I > F 2 5 B 0 @ : 8 B 5 = 0 ? 0 7 0 @ 0 > A 2 5 =
 1 0 ; 7 0 < 8 = 0, 3 > = 0 @ 8 G 0 B 8 2 J @ 1 8 G 5. 1 8 G 0 A ; J = G 5 2 >, > B : @ 8 B >
 < O A B >, => B @ O 1 2 0 4 0 A 5 ? >; 8 2 0 @ 5 4 > 2 >, 7 0 4 0 = 5 : ; N < = 0 B
 A > G = 8 B 5 A B J 1 ; 0.
 & J D B 8 > 1 8 ; = > ? @ 5 7 F O ; > B > ; O B > - > B N ; 8 4 > : @ 0 O = 0
 A 5 ? B 5 < 2 @ 8 A : 8 G 5 A B 8 F 2 5 B > 2 5 - 1 5 ; 8, @ > 7 > 2 8, ; 8 ; 0 2 8. < 5 == >
 = 5 3 > 2 8 B 5 A 5 < 5 == 8 : C B 8 9 : 8 A 5 > B 2 0 @ O B A ? C : 0 = 5, 4 > @ 8 A 0 < >
 ? @ 8 ? >- A 8 ; 5 = 2 O B J @, 8 ? @ J A : 0 B < 0 ; : 8, : @ J 3 ; 8, : 0 D O 2 8
 A 5 < 5 = F 0. " > 2 0 < C ? > < 0 3 0 4 0 A 5 A 0 < > 7 0 A 0 6 4 0. " 0 : 0 8 = 0
 A ; 5 4 2 0 1 0 B 0 3 > 4 8 = 0 = 8 @ 0 4 2 0 A < = > 3 > 1 @ > 9 = 8 B 5 A 8 F 2 5 B > 2 5.
 ! 5 < 5 9 A B 2 > B > = 0 8 < ? 0 B 8 5 = A 8 B 5 (Balsaminaceae) 5 3 > ; O < >, => 2 A 8 G : 8
 G ; 5 = > 2 5 = 0 B > 2 0 A 5 < 5 9 A B 2 > A 8 ? @ 8 ; 8 G 0 B. A 8 G : 8 8 < 0 B
 A > G = > A B J 1 ; >, 5 4 = 0 : 2 0 D > @ < 0 = 0 F 2 5 B 0 8 < > 3 0 B 4 0 F J D B O B
 ? @ 5 7 F O ; 0 B 0 3 > 4 8 = 0. 0 : 0 @ ; 8 A B 0 B 0 8 < 4 0 A 0 A J A @ 0 7 ; 8 G = 0
 D > @ < 0 8 > F 2 5 B 0 2 0 = 5, 4 J ; 3 8 O B ? 5 @ 8 > 4 = 0 F J D B 5 6 5
 E 0 @ 0 : B 5 @ 5 = 7 0 2 A 8 G : 8. F 2 5 B > 2 5 B 5 = 0 2 A 8 G : 8 @ 0 A B 5 = 8 O
 C ? @ 0 2 ; O 2 0 ! ; J = F 5 B > 8 2 A O : > @ 0 A B 5 = 8 5 > B B > 2 0 A 5 < 5 9 A B 2 > 5
 B @ C 6 5 = 8 ; : > 9 B > 7 0 @ 5 6 4 0 0 B < > A D 5 @ 0 B 0 A J A A ; J = G 5 2 0
 5 = 5 @ 3 8 O ; < ? 0 B 8 5 = A J B A J 7 4 0 2 0 B > ? ; 0 0 B < > A D 5 @ 0. > ; 5 7 == >
5 4 0 8 < 0 B 0 : > 2 0 @ 0 A B 5 = 8 5 = 0 > 1 1 5 A B 2 5 = 8 < 5 A B 0 8 ; 8 2 4 > <,
 : J 4 5 B > G 5 A B > 8 4 2 0 B < = > 3 > @ 0 7 ; 8 G = 8 E > @ 0. ; 0 3 > 4 0 @ 5 = 8 5
 = 0 = 5 3 > 0 B < > A D 5 @ 0 B 0 2 = C H 0 2 0 = 0 E > @ 0 B 0
 4 > 1 @ > 6 5 ; 0 B 5 ; = > A B, 4 > 1 @ > > B = > H 5 = 8 5 5 4 8 = : J < 4 @ C 3.
 @ C 3 > > 1 I > 7 0 2 A 8 G : 8 8 < ? 0 B 8 5 = A 8 5 A > G = > B > A B J 1 ; >.
 ! B J 1 ; > B > A 2 J @ 7 2 0 < 5 A J A ! 0 B C @ = . ! B J 1 ; > B > 5 > ? > @ 0 B 0,
 A 8 ; 0 B 0 = 0 E 0 @ 0 : B 5 @ 0, = > 2 A > G = 8 B 5 A B J 1 ; 0 = 0 B > 2 0
 ? @ 5 : @ 0 A = > F 2 5 B 5 7 5 < = 8 O B ! 0 B C @ = 5 A J 5 4 8 = 5 = A 2 ; 0 6 = 0 B 0
 C = 0. ! 0 B C @ = 8 C = 0 B 0 A 0 4 2 5 ? @ > B 8 2 > ? > ; > 6 = > A B 8, : > 8 B >
 B C : A 5 A J G 5 B 0 2 0 B A ? > ; C G ; 8 2 >. % C 1 0 2 > 5 4 0 8 < 0 B 0 : > 2 0 F 2 5 B 5
 2 4 > <, : J 4 5 B > < 5 6 4 C 4 > < > G 0 4 8 5 B > A J 1 5 A B 2 C 2 0 B A 8 ; = 8
 @ 0 7 = > 3 ; 0 A 8 O, 2 > 4 5 1 8 4 > : > = D ; 8 : B 8, : J 4 5 B > G 5 A B > 8 7 1 C E 2 0 B
 A ? > @ > 2 5, 7 0 @ 0 4 8 = 5 ? @ 8 5 < 0 = 5 = 0 G C 6 4 > B > < = 5 = 8 5.
< ? 0 B 8 5 = A J B = 5 C B @ 0 ; 8 7 8 @ 0 5 = 5 @ 3 8 O B 0 = 0 : > = D ; 8 : B 0,
 > A 2 > 1 > 6 4 0 2 0 0 B < > A D 5 @ 0 B 0 > B @ 0 7 ; 0 B 0 5 = 5 @ 3 8 O = 0
 : > = D ; 8 : B 0, 8 7 3 ; 0 6 4 0 = 0 ? @ 5 6 5 = 8 5 B >, 0 B < > A D 5 @ 0 B 0 A B 0 2 0
 ? > - < 5 : 0, : 0 @ 0 E > @ 0 B 0 4 0 ? > 3 ; 5 4 = 0 B = 0 ? @ > 1 ; 5 < 8 B 5 A
 E C < > @.
0 7 < = > 6 0 2 0 = 5: 0 7 < = > 6 0 2 0 A 5 G @ 5 7 @ 5 7 = 8 F 8 > B
 A B @ 0 = 8 G = 8 B 5 ; : > = 8, : > 8 B > ; 5 A => A 5 2 : > @ 5 = O 2 0 B 2 ? O A J :
 8 ; 8 ? 5 @ ; 8 B, 1 5 7 4 0 A 5 ? > ; 8 2 0 B, 4 > : B > 4 0 4 0 B ? @ 8 7 = 0 F 8 = 0
 @ 0 A B 5 6. @ 5 ? > @ J G 2 0 4 0 A 5 ? > : @ 8 2 0 B > B 3 > @ 5 A ? @ > 7 @ 0 G 5 =
 A J 4 8 4 0 A 5 4 J @ 6 0 B = 0 B > ? ; >. ! ; 5 4 2 : > @ 5 = O 2 0 = 5 B >, A 5
 ? > A 0 6 4 0 B > B = 0 G 0 ; > 2 < 0 ; : 8 (! 8-9), 0 ? > A ; 5 8 2 ? > - 3 > ; 5 < 8
 A 0 : A 8 8 (! 11-13).
 0 4 0 F J D B 8 > 1 8 ; = >, 4 > 1 @ 5 5 ? @ 5 7 1 - 2 3 > 4 8 = 8 4 0 A 5
 ? > 4 = > 2 O 2 0 G @ 5 7 @ 5 7 = 8 F 8.

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/ & " /

! B @ 0 = 8 F 0 4/4

Normal 0 21 false false false MicrosoftInternetExplorer4 Normal 0 21 false false false MicrosoftInternetExplorer4
;8 O=85 2 J@EC 5<>F 8>=0 ;=>B> AJ A B>O=85:

!;J=F5B>, 70 :>5B>=O<0 ?>:>9, 24JE=>2O20 8<?0B85=A0
40 FJDB8 ?@57FO;0B03>48=0, 40@O20 @0AB5=85B>A <=>3>
=5>18 :=>25=8 A2>9AB20. !;J=F5B>5 ?;0=5B0B0=0
B2>@G5AB2>B>8 8<?0B85=AJB 24JE=>2O20 E>@0B0,
?>4B8:20 38 :J<>@838=0;=0, B2>@G5A:0 459=>AB.
0AB5=85B>5 ?>;57=>70 >=578, =0 :>8B>2A8G:>8<5
><@J7=0; >8 B@C4=>87?8B20B @04>AB. >4 =52848<8B5
D;C848 =0 B>20 @0AB5=85 2 G>25:0 A5 ?@>1C640 65;0=85B>
40 C:@0AOB 459AB28B5;=>ABB0 >:>;>BOE, 40=0 ?@02OB=5I>
?@8OB=>2A5:8<C. 4=0 A0:A8OA FJDBOI 8<?0B85=A <>65 40
=0 ?@028GC4>20B5;85B>=0 <09AB>@0. 0AB5=85B>AJ1C640
2 G>25:0 8=B5@5A :J<682>B0 8 AJ7840B5;=>AB, @072820
A ?>A>1=>ABB0 <C 40 28640 A25B;>B>8 EC102>B>. >4
=53>2>2;8O=85 A5 @0640B 8=B5@5A=8 8458 70 ?@><O=0.
>;575=5 28=038, :>30B> G>25: A5 GC2AB20 87>AB0=0; >B
682>B0, 8;8 :>30B> 4 @C38B5 3> =0 @8G0B :>=A5 @20B>@.
!0BC @= 8 C=0B0, AJ548=5=8 2 ABJ1;>B>=0 @0AB5=85B>,
?@84020B=0 @0AB5=85B> A ?>A>1=>AB 40 ?><030=0 G>25:0
2 :>=D;8:B0 <564C"B@O120" 8"8A:0<". /:>=5 AB5 A83C @=8 2
871>@0A8, :>;51059:8 A5 <564C A2>8B5 65;0=8O 8
?>4G8=O20=5B>=0 =O:0:28 >1AB>OB5;AB20, 275<5B5 A8
8<?0B85=A. >4 =53>2>2;8O=85 15 A5 =0CG8B5 40
AJG5B020B5 ;8G=8B5 A8 8=B5@5A8 A>1AB>OB5;AB20B0=0
?@8=C40, B0:0 G5 ?>4G8=5=85B> 15 AB0=5 70 20A ?>;57=>.
">20 <C A2>9AB2>5 ?>;57=>8 70 >=578, :>8B> G5AB>
A::NG20B =O:0:28 187=5A A45;:8, @01>BOB A ?0@B=L>@8.
;03>40@5=85 =0 8<?0B85=A0, G>25: @0718@0:0:40
=0 ?@028 4>3>2>@0 873>45= 8 70 425B5 AB @0=8.

;8 O=85 2 J@EC 74 @025B:>
<?0B85=AJB ?@8=04;568 :J<7=0:0=0 J20, C ?@02;O20=
>B !;J=F5B>. J2JB C ?@02O20 A J@F5B>8 157A?8 @=>
FJDBOI8OB 8<?0B85=A 7018B020 B>78 >@30= >B 2AO:0:28
701>;O20=8O. >ABJ1;>B> <C 87 @07O20 O @:> 2 @J7:0B0=0
!0BC @= 8 C=0B0, 0 B>20 AJG5B0=85 =0 ?;0=5B8 <>65 40 1J45
A2J@70=> A @52<0B87<0, A GC2AB28B5;=>ABB0 =0 AB028B5 ?@8
?@><O=0 =0 2 @5<5B>. !0<>B> ?@8 AJAB285 =0 8 <?0B85=A 0 2
4><0 =8 >10G5 =8 ?@54?0720 >B AJ @45G=8
=5 @07 ?>;>65=8O 8 2AO:0:28 D> @<8 =0 @52<0B87J<.