

" 0 3 5 B 5 A, \$ C = 4 0, " C @ B 0 - Tagetes ( G 0 A B I)

gradinar, A J 1 > B 0 25 N ; 8 2009 - 09:04:51

" 0 3 5 B 5 A, \$ C = 4 0, " C @ B 0 8 ; 8 TAGETES

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

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

- Tagetes anisala

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

0?>G20 40 FJDB8 420 <5A5F0 A;54 70AO20=5B>.

- Tagetes patula - 07?5 @5=0 "C @B0

>48=0- 2?;0=8=A:8B5 @09>=8=0 5:A8:>. 4=>3>48H=8  
@0AB5=8O. @02>AB>O18 ABJ1;0,15-50 A< 28A>G8=0, A8;=>  
@07:;>=5=8 >B >A=>20B0 =0 AB@0=8G=8 874J=:8  
702J@H2018 AJA AJF25B8O. 8AB0B0 A0 <0;:8,  
?5 @5AB>- @07A5G5=8, A ;8=59=>-: ?85284=0 G0AB, A  
B@8J3J;=8 2J@E>25, 2BJ<=> 75;5=>, @07?>;>65=8  
?>A;54>20B5;=> 8;8 A@5IC?>;>6=>. !JF25B8O- :>H=8F84-6  
A< 480<5BJ@, 548=8G=8 8;8 18B>284=8 AJF25B8O,  
G0H:>>1 @07=8, @07;8G=8 ?> D>@<0, A 4J;30 AJF25B=0  
4@J6:0. 5@8D5@=8B5(;83C;8);8AB5=F0=0 :>H=8G:8B5  
FJDBOB 2 6J;B>, >@0=652>, ;8<=>5=>, >@0=652>-:0DO2 8;8  
BJ<=> G5@25= F2OB, ;8AB5=F0B0 A0 <5:8 8 3;04:8 :0B>  
:048D5, G5AB> 42CF25B=8, 2 @07;8G=8 AJ>B=>H5=8O =0  
>BB5=JF8; B@J15AB8B5( @07?>;>65=8 2 A@540B0)- 6J;B8 8;8  
>@0=6528.  
=>3> @07=>284=>AB8 =0 B>78 284 A0 @0745;5=8 =0 3@C?8:  
28A>:>- 4>60 8;8 ?>25G5cm 28A>G8=0, ?@>AB>-F25B=8;  
A@54=8 - 4>50cm 28A>G8=0, F2OB :8G5AB8; =8A:8-25-40 A<  
28A>G8=0, A ?@>AB 8;8 :8G5AB FJDB56, <=>3> =8A:8  
(;8;8?CB8)-15-20 A< 28A>G8=0, A ?@>AB 8 8;8 :8G5AB8 AJF25B8O.  
09-G5AB> @07?@>AB@0=5=8B5 A>@B>25:  
**=Gold Ball** ( ;0B=0 B>? :0)- 50-60 A< 28A>G8=0, A8;=> @07:;>=5=8.  
!BJ1;0B0 A0 B2J@48 2 75;5=>, A G5@25=8:02>-:0DO2 >BB5=J:.  
8AB0B0 A0 75;5=8 A@54=> 3>;5<8. !JF25B8OB0 A0 ?@>AB8 8  
?>;C:8G5AB8,4-5 A< 480<5BJ@, A B@J15AB8 F25BG5B0 81-2 @540,  
G5@25=8:02>-:0DO28, 578G5B0. " @J15AB8B5 F25BG5B0 A0  
7;0B8AB>-6J;B8. !>@B @0=8, FJDBOB >B =0G0;>B> =0 N=8 4>  
A;0=0. &25BO 70 @O70=5  
**=Gold Kopchen** - <0;J: E @0AB,20-25 A< 28A>G8=0, 3JAB> >1;8AB5=.  
!BJ1;0B0 A0 B2J@48 75;5=8 A G5@25=8:02 >BB5=J: 8AB0B0 A0  
A@54=> 3>;5<8, 2BJ<=> 75;5= F2OB. !JF25B8OB0 A0  
E@870=B5<>284=8, :8G5AB8,3,5-4 A< 480<5BJ@0, AJAB>OB A5 >B  
7;0B8AB>-6J;B8, C3>;5<5=8 B@J15AB8 F25BG5B0, 0 ?> :@0O  
@54 >B ;5:> 2J;=8AB8 BJ<=>-G5@25=8 F25BG5B0 578G5B0.  
!>@B-@0=8. &JDBOB >B =0G0;>B> =0 N=8, 4> ?J@28 ABC4>25.  
7?>;720B A5 70 F25B=8 ;5E8, A0:A89=8 :C;BC@8 8 45:>@0F88  
=0 10;:>=8  
**=Quenn Sophia** ( @0;8F0 !>D8O)- !JF25B8OB0 A0 ?>;C:8G5AB8  
42CF25B=8 A 480<5BJ@7cm, G5@25=8 A 1@>=7>2>->@0=6528  
:0=B>25, 87;0309:8 3>=0 ?@O:0 A;J=G520 A25B;8=0  
?@84>1820B :0DO2 >BB5=J:.  
**=Lemon Gem** - <0;J: E @0AB,20-30 A< 28A>G8=0, ?>GB8 AD5@8G5=,  
A8;=>-@07:;>=5= 3JAB> >1;8AB5=. !BJ1;0B0 A0 B2J@48,

4515;8, A BJ<=> G5@25=8 @J1>25. 8AB0B0 A0 A@54=>  
3>;5<8, >F25B5=8 2 BJ<=> 75;5=>. !JF25B8OB0 A0  
:0@0<D8;>?>4>1=8, :8G5AB8,3,5-4 A< 480<5BJ@0, AJAB>OB A5  
A0<>>B O@:> 6J;B8 F25BG5B0 578G5B0. !>@B-@0==8. &JDBOB >B  
=0G0;>B>=0 N=8, 4>=0G0;>B>=0 78<0B0. B3;5640B A5  
:0B> 3@048=A:8 8;8 A0:A89=8.

=Orangeflamme - =8AJ: A>@B 4>20-30 A< 28A>G8=0, :><?0:B5=, 3JAB>  
>1;8AB5=. !8;=8 ABJ1;0, 75;5=8 A G5@25=8:028 828F8.  
8AB0B0 A0 BJ<=> 75;5=8 A<0;:8 BOA=>-:>?85284=8 G0AB8.  
!JF25B8OB0 A0 E@870=B5<>?>4>1=8, :8G5AB8,3,5-4,5cm  
480<5BJ@0, :>9B> A5 AJAB>OB >B @07H8@5=8 2 AB@0=8 A25B;>  
>@0=6528 B@J15AB8 F25BG5B0 A G5@25=8:028 ?5B=0 8 548=  
@54;83C;8 >B:;>=5=8=0 4>;C A G5@25=>-:0DO28 F25B>25 A  
6J;B8 ?5B=0 2>A=>20B0 8 6J;B0 828F0 ?>:@0O. !>@B-@0==8.  
&JDBOB >B=0G0;>B>=0 N=8 4>A;0=0.

=Feuerball - 28A>G8=055-70 A<, A8;=> @07:;>=5=8. !BJ1;0B0 A0  
@51@5AB8, 75;5=8 A G5@25=8:028 828F8. 8AB0B0 A0 75;5=8.  
!JF25B8OB0 A0 ?@>AB8,4-5 A< 480<5BJ@0. &25BG5B0 578G5B0  
@07?>;>65=8 2 548= @54, A3>@=0 G0AB :0DO2>-G5@25=>,  
<JE5AB8, 8 4>;=0 0B>2>-6J;B8. "@J15AB8(@07?>;>65=8 2  
A@540B0)>@0=6528 F25BG5B0 A:0DO28 2J@E>25. !>@B-@0==8.  
&JDB56 >B=0G0;>B>=0 N=8 4>A;0=0. @5?>@JG20 A5 70  
@070=5.

- Tagetes erecta - 7? @025=0B0 "C@B0

>48=0-.6=0B0 G0AB=0 5:A8:>. 4=>3>48H=> @0AB5=85,  
F25B5 8;8 E@0AB A OA=> 87@075=8 3;02=8 ABJ1;0. !BJ1;0B0 A0  
A8;=> @07:;>=5=8,80-120 A< 28A>G8=0, ?@02>AB>OI8, ;5:>  
@51@5AB8, 2>A=>20B0=0?>4>1O2018=0 4J@2>,  
AB@0=8G=8B5 874J=:8 A0=0A>G5=8=03>@5>1@07C2018  
E@0AB A>1@0B=>- ?8@0<840;=0 D>@<0. 8AB0:  
?5@5AB>- @0745;5=8, A>AB@8 G0AB8, >B A25B;> 4> BJ<=>  
75;5=>, ?>4@545=8 @54>2>. !JF25B8O- 3>;5<8 :>H=8F86-13  
A<. 480<5BJ@, 548=8G=8, ?@>AB8, ?>;C:8G5AB8 8;8 :8G5AB8, A  
4J;30 AJF25B=0 4@J6:0. &JDBOB 2:@0O=0 N=8- =0G0;>B>=0  
N;8. !JF25B8OB0 A0 2, A25B;> 6J;B>, 6J;B>, O@:> 6J;B>,  
>@0=652> 8;8 42CF25B=8. 0?0720B :J;=O5<>ABB01-2  
3>48=8. @5?>@JG20B A5 70 D0A04=> 70F25B020=5,  
?@>7>@F8 8 10;:>=8, F25B=8 ;5E8, 2078 4>3 A54<8F8, 8 @070=  
F2OB.

!>@B>25B5 A5 @07;8G020B ?> 28A>G8=0: <=>3> 28A>:8- =04  
90 cm, 28A>:8-60-90 A<, A@54=8-45-60 A<;=8A:8- 4>45 cm 28A>G8=0.

=Antigua ( =B83C0)-28A>G8=020 cm, >1@07C20B <=>65AB2>>B  
F25BG5B0 A 480<5BJ@10 cm 2 O@:8 6J;B8 8;8 >@0=6528 F25B>25.

=Gelber Stein - 4>70 cm 28A>G8=0. !JF25B8OB0 E@870=B5<>?>4>1=8,  
A25B;> 7;0B8AB>-6J;B8,7-8 A<. 480<5BJ@0

=Gold Dollar ( ;0B5= 4>;0@)- 28A>:8 F25B0,90-120 A< 28A>G8=0. !BJ1;0  
B2J@48, 4515;8, @51@5AB8, A25B;>75;5=8. 8AB0B0 A0 3>;5<8,  
BJ<=>75;5=8. !JF25B8O: :0@0<D8;>?>4>1=8,  
?>;CAD5@8G=8, 3JAB> :8G5AB8,7-8cm 480<5BJ@,  
G5@25=>->@0=652>, 157 <8@87<0. 0=5= FJDB56 >B  
=0G0;>B>=0 N=8, 4>78<0B0. B3;5640 A5 70 @O70=5

=Goldlicht ( ;0B=0 A25B;8=0)-60-75 A< 28A>G8=0. !BJ1;0 B2J@48,  
@51@5AB8, A25B;>75;5=>, A G5@25=8:02 F2OB. 8AB0B0 A0  
3>;5<8, BJ<=>75;5=8. !JF25B8O :0@0<D8;>?>4>1=8,  
?>;CAD5@8G=8, :8G5AB8,8-10 A< 480<5BJ@. &25BG5B0 578G5B0 2  
O@:> >@0=652> 8=5<=>3> B@J15AB8 F25BG5B0. &JDB8 >B  
:@0O=0 N=8 4> A;0=0.

=Sonnenschein - F25B0 AJA AB0=40@B=0 D>@<0,40-50 A< 28A>G8=0.  
!BJ1;0 B2J@48, @51@5AB8, 75;5=8. 8AB0B0 A0 3>;5<8, 75;5=8.  
!JF25B8O E@870=B5<>?>4>1=8,5-6 A<. 480<5BJ@,  
7;0B8AB>-6J;B8, AJAB025=8 >B <=>65AB2> 3>;5<8 B@J15AB8  
F25BG5B0 2>@5>; A CAC:0=8=04>;C>AB@8  
;>?0B:>?>4>1=8 2@JEG5B0, 8?>@548F0 >B 578G5B0, ?>  
:@0O.

=Zigronenprinz - F25B0 AJA AB0=40@B=0 D>@<0,65-80 A< 28A>G8=0. !8;=8  
ABJ1;0, BJ<=>-75;5=8 A @>7>2>BB5=J:. 8AB0B0 A0 3>;5<8,  
BJ<=>75;5=8. !JF25B8O :0@0<D8;>?>4>1=8,8-10 A<  
480<5BJ@, AD5@8G=8, 3JAB> :8G5AB8, ;8<>=>2>-6J;B>. &JDB8  
>B A@540B0=0 N=8 4> A;0=0.

- ". tenuifolia "J=:>;8AB=0 "C@B0

>48=0- ?;0=8=8B5=0 5:A8:>. 4=>3>48H=8 @0AB5=8O,  
=8A:8,20-40 A< 28A>G8=0, 3JAB> @07:;>=5=8, A ?@028, A8;=8 8;8  
:@5E:0 A25B;>75;5=8 ABJ1;0. 8AB0<0;:8, 42>9=> ?5@5AB>  
@07A5G5=8, A B5A=8, ;5:;>-=07J15=8 G0AB8, A25B;>75;5=> A  
BJ<=8 B>G:8, @07?>;>65=8 ?>A;54>20B5;=>. !JF25B8OB0-  
<0;:8 :>H=8G:8 A ?> ?5B >B45;=8 ;8AB5=F0,87>AB@5=8=0  
2J@E0,1,5-3 A<. 480<5BJ@, ?@>AB>-F25B=8, =0 :JA8 AJF25B=8  
4@J6:8, A3;>15=8=0 A2>9 @54 2 I8B>284=8 AJF25B8O,  
>F25B5=8 2 6J;B>8 6J;B>->@0=652>. &25B>25B5 A0 2  
87>18;85. C;B828@0=> ?@571795. ". tenuifolia 5 ?>25G5 >B70 A;>6=8  
E81@84=8 A>@B>25. B3;5640 A5=0 <0A828, 2 3@048=8, F25B=8  
;5E8, 2078.

09-G5AB> @07?@>AB@0=5=8B5 A>@B>25:

=Golden Ring ( ;0B5= ?@JAB5=)- @0A82> F25B5,40-50 A< 28A>G8=0,  
:><?0:B=>, :J;1>284=>, 3JAB> @07:;>=5=>. !BJ1;0  
BJ=:8, :@5E:8, A25B;>75;5=8. 8AB0<0;:8, @07A5G5=8=0  
B5A=8 G0AB8. !JF25B8O- <0;:8,2,5-3 A<. 480<5BJ@ :>H=8G:0B0,  
?@>AB>F25B=8, 828F0 ;83C;=8 F25BG5B0, 2 O@:> 6J;B>,  
B@J15AB8B5 A0<0;:8, ;>?0B:>?>4>1=8 F25BG5B0, 2  
>@0=652> A:0DO28 ?5B=0 ?>:@08I0B0. !>@B-@0==8. &JDB8 >B

=0G0;>B>=0N=84>A;0=0.  
=Gnom( 6C465)-20-25 A<28A>G8=0, AD5@8G=8, <=>3> @07::>=5=8  
83JAB>>1;8AB5=8. !BJ1;074@028, BJ=:8, A25B;>75;5=8.  
8AB0<0;;8, A BJ=:88=56=8G0AB8. !JF25B8O<0;;8,2-2,5 A<  
480<5BJ@, :>9B>A5AJAB>OB>B5O@:>6J;B8578G5B08<0;J:  
1@>9<0;;8, B@J15AB8?>@B>:0;>28F25BG5B0. !>@B-@0==8.  
&JDB8>B=0G0;>B>=0N=84>A;0=0. 7?>;720A5H8@>:>2  
>3@0=8G020=5=0F25B=8B51>@4N@8, ;5E8, :0B>AB09=8  
A0:A89=8F25BO, 702078.  
=Lemon Gem - 28-34 A<28A>G8=0, A D>@<0=0:J;1>. 0AB5=8OB0A0  
@07::>=5=8, 87>18;5=FJDB56. !JF25B8OB0A02  
A25B;>-6J;B>, A ;8<>=>2>BB5=J:.

|| ' !"