Journal of
Bioremediation & Biodegradation

*RGD - %LRUHPHG %LRGHJ
'2, H

(GLWRULDO 2SHQ $F

3HVWLFLGHV HDQ&RQ&H&RQ3HVWLFLGHV LQ WKH 'HY

6D\HG . *RGD

$QWL 'RSLQJ /DERUDWRU\ 4DWDU 5HVHDUFK 'HSDUWPHQW 3URWHLQ (QJLQHHULQJ 8QLW 'RKD 4DWDU

&RUUHVSRQGLQJ DXWKRU *RGD $QWL 'RSLQJ /DERUDWRU\ 4DWDU 5HVHDUFK 'HSDUWPHQW 3URWHLQ (QJLQ
6 *RGD#VRWRQ DF XN

5HF GDWH $FF-XGWH 3XE GDWH

&RS\ULJKW *RGD 6. 7KLV LV DQ RSHQ DFFHVV DUWLFOH GLVWULEXWHG XQGHU WKH WHUPV RI WKH &UH
GLVWULEXWLRQ DQG UHSURGXFWLRQ LQ DQ\ PHGLXP SURYLGHG WKH RULJLQDO DXWKRU DQG VRXUFH D

&LWDWLRQ *RGD 6. 3HVWLFLGHV DQG &DQFHU 7KH 8VH RI 3HVWLFLGHV LQ WKH 'HYHORSLQJ &RXQW

(GLWRULDO

H XVH RI SHVR VIK I@Y0VV H €V eÂp°€1 HŒ#@ L\\es€Ð0€@€€ 0p 6V ˆÉ€ÐuÀ¸ ˆÏ6
VL\[WHDUV > @ ,Q GHYHORSHG FRXQWULHV WKH Dp2p` XQW> @Q•'6G•d• %0$ LQ LW
SURYLGHG GHWDLOHG VWXGLHV RQ WKH SHVWLFLGHV XVH ZLWK
R FDQFHU DPRQJ IDUPHUV ZKLFK LQFOXGH O\PSKRPDV OHXNDHPLD
P\HORPD SURVWDWH &DQFHU &DUFLQRPDV +HSDWRFHOOXODU
FDUFLQRPD +&& WKH PDMRU SULPDU\ PDOLJQDQW WXPRU RI OLYHU LV WKH
VL[WK PRVW FRPPRQ FDQFHU DQG WKH WKLUG OHDGLQJ FDXVH RI FDQFHU

SROOXWDQWV RQ KXPDQ KBa •QHHG WR ULJRURXV OHJLVODWLRQ DQG UHJXODV
ZHOO DV HGXFDWLRQDO SURJUDP IRU DZDUHQHVV RI WKH SXEOLF DV ZHOO D
SHUVRQQHO LQYROYHG LQ SHVWLFLGHV LQGXVWULHV

5HIHUHQFHV

,QWHUQDWLRQDO $JHQF\ IRU 5HVHDUFK RQ &DQFHU 2FFXSDWLRQDO
H[SRVXUHV LQ LQVHFWLFLGH DSSOLFDWLRQ DQG VRPH SHVWLFLGHV /\RQ)UDFH
)LQQ 56 2YHUYLHZ DQG GHVFULSWLRQ RI KHSDWRFHOOXODU FDUFLQRPD
&OLQLFDO 5RXQGWDEOH 0RQRJUDSK
%HDUG - ''7 DQG KXPDQ KHDOWK 6FL 7RWDO (QYLURQ
/L 5 =KHQJ - :DQJ 5 6RQJ < &KH 4 HW DO %LRFKHPLFDO
GHJUDGDWLRQ SDWKZD\ RI GLPHWKRDWH E\ 3DUDFRFFXV VS /JMM LVRODWHG IURP
WUHDWPHQW ZDVWHZDWHU ,QW %LRGHWHU %LRGHJU
*RGD 6. (OVD\HG ,(.KRGDLU 7$ (O 6D\HG : 0RKDPHG 0(
6FUHHQLQJ IRU DQG &RQ&RQ&RQ&