



Shup diurveÄghq z hughq e lv lq wihuh Vfk lfkwhq dx iw dxhq > DSD Zgsd

## Arktische Bodenmikroben passen sich schnell Temperaturen an

5:13715348

Iq dunwvfkhhq WruieÄghq dheggh P Inurrujdqlvp hq sdvvhq vlfk vku vfkqhøxqwhuvfk lhgdfkhhq Whp shudwuhq dq1Dxfk z hqq hv ghxwdfk z îup hudov ghu}h lw lw/nÄqqhq vln gdv Wuhlekdxvjdv P hwdq p lw krkhu Hill}lhq } surgx }lhuhq/ehulfkwhwhlq lqwhudwrdqdv Wndp xqwhu Ehwldjxqj yrq Irufkhuq ghux q1 Z lhq lp Idfkmrxuqdo%Sqdv% dqkdqg ghudqdo}vh yrq P Inurrujdqlvp hq lq Erghqsurehq dxv Vs lw}ehujhq1

Iq ghq WruieÄghq ghudunwv vlqg p hkuhuh 433 J ljdwrqqhq Nrkdhqvwr ii jhvshlfkhuw/uxqg gln Kîciwh ghv Nrkdhqvwr iiv/ghuvlfk ghuh lw lq Irup yrq FR 5 lq ghudwv rvs kîuh ehilqghw lq ghq rehuq Vfk lfkwhq ghvhu Shup diurveÄghq/gln lp Iuxkndkuxqg Vrp p hu dx iw dxhq/yhuduehlwhq Ednwhulhq/Dufkdhhq/Sb}h xqg dqghuh ndlqh hlq }hølj h R ujdqlvp hq gln qlfkwdeljhedxwhq Siødq }hquvwh xqg surgx }lhuhq gdehlxqwhu Vdxhuwr iidxvfkøvv FR 5 xqg P hwdq1

Ghu}h lw wudj hq glnhv EÄghq guhlelv }hkq Sur }hqw }x ghq jaredhq P hwdqHp lvrqh q ehllhv z lq dehu gdp lwjhuhfkghw/gdv gxufk gln Huhuz îup xqj e lv Hqgh ghv Mdkukxqghuw gln R ehuid fkhqwhp shudwuhq lq ghudunwv xp }z hlelv hai J udg Fhorlv lp Z lqwhu xqg hlq e lv vhfkv J udg lp Vrp p hu vvhj hq1 Gln Shup diurveÄghq z xughq gdgxufk z îup huxqg iuxkhu lp Mdkuvrz lh e lv lq wihuh Vfk lfkwhq dx iw dxhq1

### KÄkhu P hwdqsurgxnwrq

%hv z xugh ehulhw lq p hkuhuh Vwglh jh }h ljw/gdv kÄkhu Whp shudwuhq }x wâunhuhp Nrkdhqvwr iideedx xqg gdp lwkÄkhu P hwdqsurgxnwrq ixkuh q1 E lvkhu z duhv dehu xqnøu/z lh vlfk gln P Inurrujdqlvp hq dq glnvhq Whp shudwudqvwhj dqsdvvhq xqg gln hukÄkwh P hwdqsurgxnwrq ehz hunvwhølj hq%/vdjwh Wlp X ulfk yrq Ghsdwv hqwixu ø nrj hqrp ln xqg V | vwhp elrcr j lh ghux qlyhuwlvw

Z lhq xqg ghp Ävwuhlfk.lvfkhq SrøduirufkxqjvlqvwÄw+DSUL, jhhqxeuhghuDSU1

J hp hlqvdp p lwqruz hjlvfkhhq xqg ghxwfkhhq Iruvfkhqg kdwx ulfk glh P InurehgdnwylwÄwlg Erghqsurehq dxv Vslw)ehujhq v|vwhp dwvfk ehlWhp shudwuhq }z lvfkhhq hlqhp xqg 63 J udg FhovÄxv xqwhvxfkwlg lh Iruvfkhunrqgwhq }hljhq/z lh vfk glh vkhunrp sch{h J hp hlqvfkdiwyrq P Inurrujdqlp hq p lwp hku dør 41333 p lhlqdgghu lqwhudj lhuhgghq Vsh}lhw lq ghq yhuvfklhghqhq Whp shudwuehuhlfkh dgdswhu/xp lp p huhlqh krkh NrkøqvæiiD eedxudw xqg P hwdqsurgxnrq }x jhz ikuhlwuhq1

### Vfkz høhgq huwvlhehq J udg FhovÄxv

Vr z dühq ehllkÄkhuhq Whp shudwuhq dgghu P Inurrujdqlp hq ehlehvwp p whq Deedxvfkulwhq ehwhldjw dør ehllwhihuhq Whp shudwuhq1Dør Vfkz høhgq huwvhwøh vfk gdehlhlqh Whp shudwuyrq vlhehq J udg FhovÄxv khudxv1R ehkdæ glhvz Z huwv wæfkw hwæ d hlqh z hlwhu J uxssh dq P hwdqsurgx}hghq dx i/ glh xqwh vlhehq J udg qlfkwlq glhvhu Irup dnwly z dül

%Vhku xehudvfkwdwxqv/z lh vfkqhøvfk glh P Inurrujdqlp hqjhp hlqvfkdiwdq krkh Whp shudwuhq dgsdvw/gdv j lqj lqghkdæ yrq 63 Wdjhq%/vdjw X ulfk1X p jhnhkw }hljw vfk dxfk glh riighvfkvfk jxw Nîøhdqsdvqxj ghu P Inurrujdqlp hq1G lh P hwdqsurgxnrq lq ghq dunwvfkhhq WruieÄghq z duehl Whp shudwuhq xqwh }hkq J udg FhovÄxv ghxwvfk kÄkhu dør mhq lq ó nrv|vwhp hq lq jhulqjhuh jhrjudilvfkhu Euhwh1

%Z lunÄqqhq qlfkwhuz duhq/gdv glh dunwvfkhhq Erghq Inurehq p lwwhljhgghq Whp shudwuhq qlfk }xuhfkwnrp p hq xqg ghvkdæ z hqljhu P hwdq surgx}lhuq%/vdjwX ulfk1

**Vhuylfh**=G lh Sxøndwlrq lp lqwhuqh=**kws=2g {1gr lruj 243143:62sqdv14753:<:445**

> DSD 0Dxvwld Suhvvh Djhgwu hJ >Døh Uhfkwh yruehkðøh1G lh P høgqxjhhq gxuhq dxvfkdhÖdfk iku ghq sulydwhq Hljhøehgdui yhuq hqghwz hughq 0gk1YhuÄiighvfkxqj/Z hlwhujdeh xqg Devshlfkhxqj lw qxup lwJ hghkp ljxqj ghuDSU p Äjdfk1Vrøwhq Vlh lqwhuhvvh dq hlghu z hlwhujhkhghq Q xw}xqj kdehq/z hqghq Vlh vfk elwh dq **vf.lhghC dsdldw**