



Avtj vPbvi gva'tg i wqZ Gj vKv e'e'vcbvi Rtb' j'vU't'c AA'tj i tPshw' f'3 ci'ui m'au'3 emewm Gj vKv/ebR Gj vKv, cU'ZtekMZ w' K, mvgwRK, e'vemwqK I cU'ZömbK K'vW'tgmg'ni Z' Z'tj ai'b | Gi gva'tg 'vbxq A'öwZ, t'÷K'tnvi vi I cU'KwZK m'au' t'jvi m'f' t'Mg wi Rv'tf'P e'ugwL e'envi wP'wZ K'itZ n'te|

[AskMnbKvi x't' i Aw'f'ÁZvi m'f' w'g'w' t'q c'w' K'vi Z' (c'p'v 3 I 4) m'au'wK'Z Kivi gva'tg Zv AskMöb'gj K Ki'b] - 3 u'g'w'U

ej'p, tUKbvd t'Mg wi Rv'tf'P Dct'iv'3 e'e'vcbv b'w'Z'g'v'vi gj D't'i'k'm'gn ev'evq't'bi Rb' w'bt'z'v'3 K'g'w'P'm'gn MnY Kiv n't'q't'Q:

- Ave'm'j (Habitat) i q'w' K'vh'p'g
- e'e'vcbv K'vh'p'g
- R'w'e'K'v'q'b K'vh'p'g
- m'f'h'w' m'j'ea'v D'b'q'b K'vh'p'g
- `k'ö'v'x'e'envh'G'es `k'ö'v'x'e'e'vcbv K'vh'p'g
- msi q'w' M't'e'l'Yv, Z'vi w'K I m'v'g'ö'M'v'b K'vh'p'g
- c'k'v'm'b I ev't'RU t'c'ö'M'g

GLb Dct'iv'w'j w'e'Z w'e'l'q' t'jv G't'K G't'K Av'tj w'P'Z n't'Q: - 2 u'g'w'U

D'tj e'K'i'b, Ave'm'j i q'w' K'vh'p'g'c'i c'ö'vb D't'i'k' t'jv n't'Q:

1. eb'v'Áj I msj M'g'j'v'U't'c AA'tj i g'v'b'w'P't' n'v'j b'w'v' Kiv,
2. t'Mg wi Rv'tf'P m'x'g'v'b' w'ba'f'Y,
3. t'Mg wi Rv'tf'G'j vKv t' t'K A'ea' c'v'P'vi w'b'q's'Y,
4. f'w'g'i A'ea' `Lj' w'i Z'j't'iva Kiv|

[c'w' K'vi c'p'v 4 I 5 Gi Z' m'au'wK'Z Kivi gva'tg Zv AskMöb'gj K Ki'b] - 3 u'g'w'U

e'v'L'v Ki'b, tUKbvd t'Mg wi Rv'tf'P e'e'vcbv K'vh'p'g'c'i c'ö'vb D't'i'k' t'jv n't'j'v:

1. c'w'i't'ek'MZ P'ic (biotic interference) t' t'K eb'f'w'g't'K i q'w' Kiv I c'ö'Z't'et'ki f'v'i m'v'g' e'R'v'q' i v'L'v,
2. c'ö'K'w'ZK eb'f'w'g'i D'b'q'b Ges Zv e'R'v'q' i v'L'vi gva'tg G't'K Av'k'ö'Ave'm'j i f'c' M't'o t'Z'j'v h'v't'Z K't'i eb'c'ö'Y'm'n Ab'v'b' R'x't'e'w'P't'i' R't'b' Zv Ab'K'j n'q,
3. w'be'w'P'Z R'x'e'w'P't' m'n Ab'v'b' eb'R' D'r'm'm'gn w'P'w'Z'K'i'Y I i q'w'Y't'e'q'w'Y,
4. n'w'Z w'e'P'i'Y K'w'i t'w'vi m'gn w'P'w'Z'K'i'Y I i q'w'Y't'e'q'w'Y,
5. 'vbxq t'÷K'tnvi vi t' i c'i'v'g'k'ö' m'w'w'q' AskMöb't'Yi gva'tg m'n-e'e'vcbvi P'P'K' c'ö'Z'w'ö'Z Kiv|

[c'w' K'vi c'p'v 5, 6 I 7 Gi Z' m'au'wK'Z Kivi gva'tg Zv AskMöb'gj K Ki'b] - 8 u'g'w'U

Z'tj ai'b, R'w'e'K'v'q'b K'vh'p'g'c'i D't'i'k' n't'j'v 'vbxq t'÷K'tnvi vi t' i w'e'K'i' R'w'e'K'v'q't'bi m'f'h'w' m'w'ö' K't'i t'Mg wi Rv'tf'P eb'f'w'g'i D'ci P'w'n'vi P'ic K'g'v't'bv| 'vbxq A'w'a'e'w'x't' i D'rc'v'b' q'w'Z'v ev'ov't'bv I w'e'K'i' Av't'q'i R't'b' K'g'ö'q'Z'v e'w'x'i e'e'v' t'bl'q'v n'te| j'vU't'c D'b'q'b Z'n'w'j' t'K (G'j w'W'G'd) m'n-e'e'vcbv K'v'D'w'Y'j / K'w'g'w' t'jv I e'envi K'v'x' R'b't'M'v'ö'xi R't'b' A'ö'm'ie'iv't'ni K'v't'R' e'envi Kiv n'te| 'vbxq f'v't'e' D'rc'v'b' e'w'x' Kivi R't'b' Z'v't' i H'K' ex' t'Q'u' t'Q'u' c'ö'P'ö'v' t'jv t'K D'r'm'm'w'Z Kiv n'te| c'w'i't'ek'-ch'ö'b' t' t'K A'w'R'Z' A'ö't'M'g wi Rv'tf'ö' 'vbxq R'b'm't'Yi D'b'q't'bi K'v't'R' c'p'i'v'q' j' v'w'v't'bv h'v't'e| - 3 u'g'w'U

ej'p, m'f'h'w' m'j'ea'v D'b'q'b K'vh'p'g'c'i gj j' q'w' n't'j'v t'Mg wi Rv'tf'ö'e'vcbvi 'w'q't'Z'i w'bt'q'w'R'Z eb' w'e'f'v't'Mi g'w' ch'ö'q'i K'g'P'v'x't' i Ave'm'b I g'v'K't'g'P' m'i Á'v'g'w' m'n c'ö'q'v'R'bxq D'c'K'i'Y'w' ev' m'f'h'w' m'j'ea'vi D'b'q'b m'v'ab|

m'v'v'q'K' c'w' K'vi c'p'v 7 I 8 t' t'K Z' m'au'wK'Z Kivi gva'tg Av'tj v'P'bv K'i't'eb| - 5 u'g'w'U

e'v'L'v Ki'b, `k'ö'v'x'e'envh'G'es `k'ö'v'x'e'e'vcbv K'vh'p'g'c'i gj j' q'w' n't'Q' w'b'q'w's'Z' c'w'i't'ek'-ch'ö'b' c'w'i't'ek'-ch'ö'b' m'au'ö'b'ö'n't'e' c'k'w'Z w'e'l't'q' w'k'q'w' Ges c'k'w'Z e'v'L'vi D't'i'k' c'w'i'P'w'j' Z' ä'g't'bi gva'tg| G'w'U R'x'e'w'P't' msi q'w' K't'g'P' A'M'w'Z't'Z' m'v'v'h' K'i't'e' Ges `k'ö'v'x'e' i ä'g'Y' w'k'q'w' t' t'e| c'v't'q' n'v'U'vi c't' i t'U'bj,

tM÷ nvDm, Aw`evmx M0gmgn, tiwj s j`vUf`c bvd b`xi Zxi, mgy`mKZ mgn, Rj vfwg, we`gvb etbi moKc\_mgn mn Ab`vb`vbxq l Av`Aj K AvKl`bxq`vb,tj vtK hy3 Kti GKwU epr cwi tek-ch0b AAj `Zix Kiv ntel| cwi tek-ch0b AAj mnR Pj vPj i Rtb`we`gvb moK l c,tj vi ms`vi Kiv ntel| i`Zcy`moK,tj vi ctek`tj`vqx msKZvej x, cy`Kv, cPvi cT, gw`Z MvBW BZ`w`i gva`tg`k0v`x`i`K tMg wi Rvf`m`u`K`Z`tg`uj`K`Z`vej`x`m`uj`Z`c`Pvi`gj`K`l`Z`gj`K`DcKi`Yw`mieivn Kiv ntel|

mnvqK cy`Kvi c0v t`f`K`Z`m`u`K`Z`Kivi gva`tg Avtj vPbv Ki`eb| - 5 ugubU

**✿** ej p, msi`Y Mtel Yv, Z`vi`K l mvg`Mvb Kvh`tgi Avl Zvq Mtel Yv, ch`e`q`b l mvg`e`x`i Rtb`GKwU t`c`M0g`Zwi Kiv nt`Q | Gi Df`k`n`j`v:

1. Afqvi`Y`i`Rxe`w`P`f`i`Drm, cwZtek Ges fwi`j`ctK fvtj vfvte tevSv,
2. mKj Dw`c`Kj l c0yxKtj i w`q`k`x`j`m`u`f`K`P`Zwj`Kv`Zwi`i`gva`tg`Gt`i`GKwU`wmve`c0Z0v`Kiv,
3. vbe`PZ`gj`c0rwZ,tj`vi`fthgb`K`vc`W`j`v`zi`RvZxq`evbi`msL`v`e`x`Kiv| Ges`gj`c0rwZ,tj`vi`eZ0v`Ae`vb`Ges`evm`v`f`bi`we`wi`Z`Z`e`x`Kiv,
4. Aen`k`o`eb`Ges`S`y`K`c`y`e`v`m`v`b,tj`vtK`w`P`v`y`Z`Kti`gj`fwi`gi`gvb`w`P`T`Zwi`Kiv,
5. Afqvi`Y`i`e`e`v`cbv`Kg`w`P`i`Rtb`AM0ia`Kvi`vfw`EK`Mtel`Yv`Ges`ch`e`q`f`i`Yi`we`l`q,tj`vtK`w`P`v`y`Z`Kiv, Ges
6. Afqvi`Y`i`e`e`v`cbvi`w`m`x`v`S`M0h`t`bi`mgq,`Awb`0`q`Zvi`cwi`gvb`Ges`gv`l`v`axti`axti`Kug`t`q`Avbv

cy`Kvi c0v 8 l 9 t`f`K`msv`q`f`B`Av`Kvi`ej`p| - 4 ugubU

**✿** Dfj`E`Ki`b, tMg wi Rvf`f`P`e`e`v`cbvi`Rtb`c0qv`Rb`chv`B`msL`K`c0kv`m`b`K`l`t`U`K`w`b`K`v`j`v`d`|`c`v`k`v`c`w`k`A`\_`0`w`Z`K`w`K,tj`v`m`w`K`fvte`cwi`P`j`bvi`Rtb``i`Kvi`m`p`z`ev`f`RU`c0`q`b`|`tMg`wi`Rvf`f`P`e`e`v`cbv`Kv`w`t`g`v`cwi`P`j`bvi`Rtb`Zv`B`c0`k`v`m`b`l`ev`f`RU`t`c`M0g`Kvh`R`ix`Kiv`AZ`S`-`Ri`i`x`|`c0v`9) - 2 ugubU

**✿** me`f`k`f`l, GB`e`e`v`cbv`bw`Z`g`v`v`m`u`f`K`0`hv`Avtj`w`P`Z`n`j`v`tm`m`u`f`K`0`Zv`f`i`mvg`M0K``w`0`f`z`xi`ch`f`j`v`Pbv`Ki`b`| - 2 ugubU