

Kühltheken: Damit die Bühne bestmöglich bespielt wird

Die Ku?hltheke ist die Bu?hne fu?r das Fleischerhandwerk. Sie ist Ausdruck von Frische und Qualita?t. Um die Ware bestmo?glich zu verkaufen und die Theke mo?glichst sto?rungsfrei zu betreiben, gibt Ernst Sommerauer, Vertriebsleiter von Aichinger in O?sterreich, Tipps zum Betrieb und zur Wartung von Ku?hltheken.



Die Ku?hltheke ist wie hier bei der Metzgerei Rinner in Seiersberg die Bu?hne fu?r das Fleischerhandwerk. Sie ist Ausdruck von Frische und Qualita?t. © Michaela Begsteiger

?i\`h\Y_Yb`g]bX`Zif`XYZ]b]YfhY`HYadYfUhif_`UggYb`ZfY][YVYb"8]YgY`5b[UVYb`[Y`hYb`Zif`X]Y`Ia[YVib[gVYX]b[ib[Yb`V]g`&)`..7ibX`*\$`i\fY`Uh]jYf`@iZhZYiW\h][_Y]h"`5i »Yf\U`V`X]YgYf
Ia[YVib[gVYX]b`[ib[Yb`Zib_h]cb]YfYb`?i\`h\Y_Yb`bif
Y]b[YgW\fUb_h"`8Yg\U`V`]gh`ni`YadZY\`Ybž`XUgg`VY]`XYf
9]bf]W\hib[`ibX`VY]`bUW\hfU[`]W\Yb`5bXYfib[Yb`XYf
K UfaYY]bhfU[`]b`XYf`iba]hhY`VUfYb`Ia[YVib[`XifW\`Y]bY
; f]XX`Yd`UhhYž`Y]bYb`<Y]»`iZhcZYbž`Y]bYb`?caV]XUadZYf`cXYf`Y]bY

K Ufa h\Y_Y'ni j Yfa Y]XYb']gh"Ni XYa ']gh'ni 'Ya dZY\'Ybz'X]Y ?i\'h\Y_Y'gc'Ui Zni ghY``Ybz'XUgg'Ui W\ 'VY]'[YcZZbYhYb'Hi fYb'X]Y @ Zm]f_i `Uh]cb']b'XYf'?i\'h\Y_Y'b]W\h'[Yghcfh'k]fX"'\\XYU'']gh XYg\U'Vz'k Ybb'fUi a `]W\'a c[`]W\z'X]Y'H\Y_Y'a c[`]W\gh'k Y]h YbhZYfbh'j ca '9]b[Ub['ni 'd`Uhn]YfYb"'I b[i bgh][']gh'Y]bY D'Uhn]Yfi b['bYVYb'XYf'Hi f"B]W\h'bi f'XYf'GhUbXcfh']gh'k]W\h][z' gcbXYfb'Ui W\'X]Y'6YX]b[i b[Yb'Ua 'GhUbXcfh'9g'[]'hz'Y]bYb K Ufa YghUi 'Xi fW\'ni [YghY``hY'@ Zhi b[gcZZbi b[Yb'i bX JYfi bfY]b][i b[Yb'Ua '; YfUh'ni 'j Yfa Y]XYb"'8]Yg'_Ubb'ni f 6fUbXYbhk]W_`i b['Z\'Yfb"'6Y]'ni '\c\Ya 'Ghfca Zi gg'_Ubb'Yg'ni Y]bYa '@Y]hi b[g!'i bX'6Yhf]YVga]hhY`VfUbX'_ca a Yb"'8Yg\U'V']gh ni 'Ya dZY\`Ybz'U`'Y'JYfgcf[i b[g`Y]hi b[Yb'Uvni g]W\Yfb'i bX ?i\`h\Y_Yb'bi f'a]h'Y]bYa ': Y\`Yfghfca !'GW\i hngW\U'hYf'fF 78 \E' '\$a 5'ni 'VYhfY]VYb"

? U`hYa]hhY``a]h'a c[`]WX gh'[Yf]b[Ya HfY]V\Ui gdchYbn]U`

8 | Y | | b | X Y b | ? i \ h \ Y | Y b | | b h Y [f | Y f h Y b ' J Y f X U a d Z Y f ' V Y b c h] [Y b ' Z j f XYb 6Yhf]YV Y]b ? U`hYa]hhY`ži a 'VYhf]YVYb k YfXYb ni 'cbbYb" $?U`hYa]hhY``k]Y': `i cf_c\`Ybk UggYfghcZZY'fl ?K <math>\&$ '\UVYb'U``YfX]b[g] Y]bYb'\c\Yb'[`cVU`Yb'9fk Ufa i b[gdchYbn]U`k Yfh'fl K D'; `cVU` K Ufa]b['DchYbh]U`Ł'i bX'hfU[Yb'ni f'?`]a UYfk Ufa i b['VY]" BUWXYa $VYfY]hg.5bZUb[XYf.\%--$Yf! \fmu\fY]$: `i cfW\`cf_c\`Ybk UggYfghc \mathbb{Z} Y': 7? K \mathbb{E} ' | YfVchYb'k cfXYb'g]bXž'k]`` X]Y'9i fcdU]qWXY'I b]cb'bi b'a]h'XYf': !; Ug!J YfcfXbi b['XYb 9]bgUhn'| cb'Zi cf]YfhYb'HfY]V\Ui g[UgYbžgc[YbUbbhYb': !; UgYbž Y]bgW\fUb_Yb"'8]Y':!; Ug!JYfcfXbib[']gh'ni a '%"'\lambdabi Uf'&\\$\) ']b ? fUZh [YhfYhYb ibX g]Y hV]g & S' s ghi ZYbk Y]g Y 9]b g W f Ub ib[Yb]ibX'JYfVchY'jcb':!; UgYb'U`g'?U`hYa]hhY`'jcf"'8Ybb'V]g'nia '\\f &\$' \$'k]``X]Y'9i fcdU]qW\Y'I b]cb'X]Y'Yi fcdUk Y]hYb'9a]qq]cbYb jcb'_`]a UfY`Yj UbhYb':!; UgYb'i a 'bU\Yni', \$'DfcnYbh'j Yff]b[Yfb 6YfY]hg'Yhnh']gh'X]Y'JYfk YbXi b['jcb'?U'hYa]hhY'b'a]h'Y]bYa HfY]V\Ui gdchYbn]U``fl K DŁ'j cb'%) \$'cXYf'a Y\f']a 'Yi fcdU]gW\Yb FUi a 'j YfVchYb"'@Ub[gh'k YfXYb'bUW\\U`h][Y'i bX'bUhi f`]W\Y 5`hYfbUh]| Yb'Z| f':!; UgY'U`g'?U`hYa]hhY`'Ub[YVchYb"'6Y] < YfghY``Yfb'k]Y'5]W]b [Yf'_cbbYb'hY]`g'Ui W 'VYghY\YbXY $?i \land h Y _ Yb `c \land b Y `l a fi ghi b [`XYg `J Y f X Ua d Z Y f g `a]h `? U `h Y a]hh Y `b$

k]Y 'DfcdUb'cXYf'?c\'YbX]cI]X 'VYhf]YVYb'k YfXYb"

DfcdUb'k Y]gh'Y]bYb'gY\f'b]YXf][Yb'; K D'j cb'' 'Ui Zi bX']gh'b]W\h
cncbgW\UX][YbX"'5i Z[fi bX'gY]bYf'[i hYb'?U'hY`Y]ghi b['i bX

9bYf[]YYZZ]n]Ybn'k]fX 'Yg'a]hh'Yfk Y]`Y'[YfbY']b' [Yk YfV`]W\Yb
?i\'Ub`U[Yb'i bX'?i\'h\'Y_Yb'Y]b[YgYhnh"'8 Ug'? U'hYa]hhY`'V]YhYh

Y]bY'[i hY'?U'hY`Y]ghi b[ž']gh'UVYf'`Y]W\h'VfYbbVUf"'8 Yg\U'V']gh'ni
Ya dZY\`Ybž'X]Y'6Y`i Zhi b[gcZZbi b[Yb']a '; YfUhY[Y\Ui gY'cXYf']a

9]bVUi [Y\Ui gY']a a Yf'ZfY]ni\U'hYb'i bX'_Y]bY'Ybhni bX`]W\Yb
cXYf'VfUbXZcfXYfbXYb'FY]b][i b[ga]hhY`ni 'j Yfk YbXYb"'6Y]

[fc»YfYb'?U'hY`UghYb'\Uh'g]W\a]hhY`fk Y]`Y'7C&'U'g'HfU[Yf
YhUV`]Yfh"'?c\`YbX]cI]X'k]fX'[YfbY']b'Gi dYfa Uf_hYb'Y]b[YgYhnh
i bX'[]`h'Ui Z[fi bX'gY]bYg'; K D'j cb'%'U`g'Y]bYg'XYf
i a k Y`hZfYi bX`]W\a ghYb'?U'hYa]hhY`"'7C&']gh'b]W\a'[]Zh]['i bX'b]W\ah
VfYbbVUf"

?i\`h\Y_Yb`]b`: `Y]gW\YfY]Yb`k YfXYb`ni a Y]gh`]a `I a `i Zhj YfZU\fYbVYhf]YVYb"'8UVY]`k]fX`Y]b`_i\`YbXYf`@i ZhgW\`Y]Yf`i VYf`X]Y`K UfYb[Y`Y]hYh"'8Ug`J YfZU\fYb`Yfa c[`]W\hž`XUgg`X]Y`K UfYb`XYf[YgUa hYb`?i\`h\Y_Ya]h`XYf`[`Y]W\Yb`HYa dYfUhi f`[Y_i\`h k YfXYb"'9g`]gh`XUfUi Z`ni `UW\hYbž`XUgg`X]Y`?i\`h\Y_Yb`bi f`a]h K UfYb`VYZ\``h`k YfXYbž`k Y`W\Y`X]Y`j cf[YgW\f]YVYbY?YfbhYa dYfUhi f`\UVYbž`XU`]b`XYf`?i\`h\Y_Y`gY`Vgh`K UfYb`b]W\hUV[Y_i\`h`k YfXYb"'8Ua]h`XYf`@i Zhghfca `cdh]a U``Ui gghfca Yb_Ubb`i bX`i VYf`X]Y`K UfYb`[Y`Yb_h`k]fXž`g]bX`X]YgY`5gdY_hY`VY]a 6Yhf]YV`ni `VYUW\hYb"

8]Y'GhUdY`a Uf_Yb'[YVYb'Ubž'VY]'k Y`W\Yf'GhUdY`\c\Y'k Y`W\Y
@i ZhhYa dYfUhi f'Y]b[Y\U`hYb'k YfXYb'_Ubb"'| '6Y][YghY``h'6Y]a
6Yhf]YV'XYf'BUW\hUVXYW_i b[']gh'Yg'k]W\h][ž'XUgg'X]YgY'Ub'XYf
DfU``gW\Y]VY'Ub`]Y[h"'| '6Y][YghY``h'I a 'X]Y'?i\`Zi b_h]cb'XYg
?i\`[YfUhYg'b]W\h'ni 'VYY]bhfUW\h][Ybž']gh'Yg'k]W\h][ž'XUgg'U``Y
K UfYbVcXYb']b'XYfgY`VYb'Dcg]h]cb'Y]b[YghY``h'k YfXYb"'|
6Y][YghY``h''

GhUdY`a Uf_Yb

5 b XYf GY]hYb]bbYbk UbX XYf?i \`h\Y_Yb g]bX ' 'ni a Y]gh ZUfV][Y' @|b]Yb Y]b[YnY]WXbYhž X]Y 'Ui Z'X]Y 'YfZcfXYf`]WXY '@ Zh! i bX?i \`hYa dYfUhi f'\]bk Y]gYb" '8]Y 'GhUdY`a Uf_Yb [YVYb 'Ubž VY]k Y`WXYf GhUdY`\c\Y`k Y`WXY '@ ZhhYa dYfUhi f'Y]b[Y\U`hYb k YfXYb

Ubb"'9bhgdfYWXYbX'XYf'HYa dYfUhi f`UggY']gh'ni 'Ya dZY\`Yb'X]Y?i\`h\Y_Y'bi f'V]g'ni f'[Y`hYbXYb'GhUdY`a Uf_Y'ni 'VYZi ``Yb"'8Ua]hX]Y'_U`hY'@i Zh'Ui gghfca Yb'_Ubbž']gh'Yg'j cfhY]`\UZhž'X]Y'Ub'XYfGhUdY`a Uf_Y'Ub[Y[YVYbY'5VghUbX'ni f'Ni `i ZhV`YbXY'VY]a6Yghi W_Yb'Y]bni \U`hYb"

K UfYbVcXYbj YfghY``i b[

?i\`h\Y_Yb`k]Y`X]Y`6Ui fY]\Y`G]f]i gf' jcb`5]W\]b[Yf`g]bX
gYf]Yba U»][a]ha Ubi Y```j YfghY``VUfYb`K UfYbVcXYb
Ui g[YghUhhYh":8]Yg`Yfa c[`]W\h'Y]bY`Ub[YdUgghY
K UfYbdfUgYbhUh]cb"I a `Y]bY`cdh]a U`Y`?i\`Zi b_h]cb`ni
[Yk U\f`Y]ghYbž`]gh`Yg`bchk YbX][ž`U``Y`K UfYbVcXYb`XYf`Yk Y]`][Yb
HYa dYfUhi fncbY`]b`XYfgY`VYb`Dcg]h]cb`Y]bni ghY``Yb"`K Ybb`X]Y
K UfYbVcXYb`i a `a Y\f`U`g`Y]bY`F UghYfghi ZY`j YfgYhnh`k YfXYbž
_ca a h`Yg`Xi fW\`XYb`YbhghY\YbXYb`@ ZhgdU`h`ni `@ Zhn]f_i `Uh]cbYb
i bX`ni `Y]bYf`6YY]bhfUW\h][i b[`XYf`?i\`Zi b_h]cb"

BUW hUVXYW_i b[

8]Y BUW hUVXYW_i b['XYf'K UfYb']b'XYf'?i \`h\Y_Y'fYXi n]Yfh'NY]h i bX'?cghYb"K]W\h]['XUVY]']ghž'XUgg'X]Y BUW hUVXYW_i b['Ub XYf'DfU``gW\Y]VY'Ub`]Y[hi bX'g]W i VYf'XYa 'Fi W_`i Zh[]hhYf VYZ]bXYh"'9g']gh'ni XYa 'XUfUi Z'ni 'UW\hYbž'XUgg'X]Y'5VXYW_i b[Yb `i W_Yb`cg'UbY]bUbXYf[Y`Y[h'k YfXYb"'Gc'k]fX'Y]bY'i b_cbhfc``]YfhY@i Zhn]f_i `Uh]cb'j Yfa]YXYb"'K YfXYb'X]Y'BUW\hUVXYW_i b[Yb'b]W\h`i W_Yb`cg'UbY]bUbXYf[Y`Y[hžYbhghY\h'Y]b'@i ZhgdU`hž'XYf'XUg cdh]a U`Y'@U[Yf_`]a U'ghcfYb'_Ubb"

Ghcfi b['Yf_YbbYb'i bX'VYqY]h][Yb

K Ybb'X]Y'K UfY'b]Wh']a 'cdh]a U'Yb'HYa dYfUhi fVYfY]W\'[Y_i\'h k]fXž']gh'X]Yg'Z f'XYb'?i bXYb'ni 'Yf_YbbYb/XYf'JYf_Ui Z']gh fi W_`Ui Z]['i bX'X]Y'5VgW\f]ZhYb'Yf\c\Yb'g]W\'"8]Y'I fgUW\Yb'g]bX gY\f'j]Y`ZU`h][.'8]Y'JYf[`Ugi b[']gh'ni f'FY]b][i b['ni '`Ub[Y [YcZZbYh'[Yk YgYbž'X]Y'6Y'i Zhi b[gcZZbi b[Yb'g]bX'VYXYW_h'cXYf a]h'K UfYb'j YfghY``hž'X]Y'6Y!'i bX'9bhi Zhi b[']gh'b]W\h'_cffY_h Y]b[YghY``hž'Yg']gh'gW\`]W\hk Y['ni 'j]Y``K UfY']b'XYf'?i\'h\Y_Y'cXYf X]YgY'k Uf'ni j cf'b]W\h'[Ybi [YbX'[Y_i \ `h'k cfXYb'' A]hi bhYf']gh'Yg bi f'Y]b'@ Zhni [ž'XYf'X]Y'N]f_i `Uh]cb'i bhYfVf]W\hz'cXYf'Yg']gh']a @UXYb'ni 'k Ufa "'K Ybb'XYf'JYfXUa dZYf'j YfY]ghii bX'_Y]bY @ Zhn]f_i `Uh]cb'ZyghghY``VUf']ghz'\]`Zh'Yg bi f'bcW\z'X]Y'K UfY'Ui g'XYf?i\`h\Y_Y'ni 'bY\a Yb'i bX'XUg'; YfUh'UVni gW\U`hYbz'V]g'XYf JYfXUa dZYf'j c``ghUbX]['j ca '9]g'VYZfY]h']gh''9]b'j YfY]ghYf JYfXUa dZYf'_Ubb'j YfgW\]YXYbY'I fgUW\Yb'\UVYb'.8]Y

 $\label{thm:linear} $$JYbh]`UhcfYb``UiZYbb]WhžX]Y`@Zhn]f_i`Uh]cb`]ghY]b[YgWkfUb_hžX]Y`JYf[`Ugib[`k Uf`ni ``Ub[Y`cZZYb`cXYfYg`k i fXY`UiZ[fibX`ni \c\Yf`HYa dYfUhi fYb`ibX`\c\Yf`@ZhZYi Wkh][_Y]h`ni `j]Y``ZYi WkhYibX`k Ufa Y`@Zh`Ub[YgUi[h"IbYfk i bgWkh`]gh`X]Y`g]WkhVUfY?cbXYbgUh]cb`Ub`XYb`;`UgYfb"`8Ua]h`]gh`X]Y`K UfY`bifY]b[YgWkfUb_h`Y]bgY\VUf`ibX`Yg`]gh`cZZYbg]Wkh`]Wkž`XUgg`X]Y?i\`h\Y_Y`b]Wkh`cdh]aU``VYhf]YVYb`k]fX"`8]Yg`]gh`niaY]gh`UiZY]bYb]Wkh`Y]b[YgWkU`hYhY`?cbXYbgUh]cbg\Y]nib[`cXYfGWkY]VYbVY`iZhib[`nifiW_niZi\fYb"`A]hibhYf`]gh`UiW`X]YIa[YVib[ghYadYfUhif`\c\Yf`&)`..7`cXYf`X]Y`@ZhiZYiWkhY`\c\YfU`g`*$`if":"$

6Ygi WXYb G]Y i bg Ui Z. Z`Y]gWXi bXWc "Uh