Animal

Agriculture
is the Leading Cause of

Climate Change
A Climate Healers Position Paper

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A Climate Healers Position Paper

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24(#&(#B5*64"34(4*(5*#34(*94(4'"4(4'%(2RKK('"&(C*3&#&4%34$=(93D%6C*934%D(4'%(#B5"C4(*: *96("339"$(B%4'"3%(%B#&&#*3&(<=(",%6"A#3A(#4&(#B5"C4(*,%6("(0//(=%"6(5%6#*D7(%,%3 "&(#4(8"63&('9B"3#4=(4'"4(C"4"&46*5'#C(C$#B"4%(C'"3A%(#&(#BB#3%34(8#4'#3(4'%(3%J4(00 =%"6&7(3*4(0//(=%"6&\F]-(i=(D*#3A(&*7(4'%(2RKK(#&(*<&C96#3A(4'%(&":%&4(%3A#3%%6#3A 56*C%&&(:*6(5*8%6#3A(D*83(4'%(48*(B"N*6(%3A#3%&(*:(5$"3%4"6=(D%&469C4#*3(j(4'% k#$$#3A(f"C'#3%(?kf@(6%56%&%34%D(<=("3#B"$("A6#C9$496%("3D(4'%(i963#3A(f"C'#3% ?if@(6%56%&%34%D(<=(:*&&#$(:9%$(<963#3A-(2:(8%(D*3[4(5*8%6(D*83(4'%&%(48*(B"C'#3%& C*66%C4$=7(8%(8#$$($#e%$=(C"9&%(,"6#*9&(C$#B"4%(4#55#3A(5*#34&(4*(<%(<6%"C'%D 933%C%&&"6#$=("&(8%(6"#&%(A$*<"$(4%B5%6"496%&(D96#3A(4'%(5*8%6(D*83(56*C%&&(#4&%$:-

23(4'%($"4%&4(6%5*64(#&&9%D(#3(>9A9&4(./01\^]7(4'%(2RKK(#&(&4#$$(9&#3A("(;$*<"$(O"6B#3A R*4%34#"$(?;OR@(*:(.E(:*6(C*3,%64#3A(B%4'"3%(%B#&&#*3&(4*("(KL.(%T9#,"$%34(?KL.%@- ;$*<"$(O"6B#3A(R*4%34#"$(?;OR@(C*3,%64&(4'%(6"D#"4#,%(:*6C#3A(#B5"C4(*,%6(" &5%C#S%D(4#B%('*6#V*3(*:("(93#4(B"&&(*:(A"&7(6%$"4%D(4*(4'%(6%:%6%3C%(A"&7(KL.-(P*6 B%4'"3%7(4'%(;OR(*,%6("(0//(=%"6(4#B%('*6#V*37(%JC$9D#3A(C$*9D(%Y%C4&7(#&(.E-(O'%3 8%(#3C$9D%(C$*9D(%Y%C4&7(#4(#&(Xa-(H'%(;OR(*:(B%4'"3%(*,%6("(0/(=%"6(4#B%('*6#V*37 #3C$9D#3A(C$*9D(%Y%C4&7(#&(0X/\0/]-

2:(8%(9&%D(;OR(*:(0X/(:*6(B%4'"3%7(4'%3(4'%("339"$(%B#&&#*3&(*:(B%4'"3%(8*9$D(<% /-X^X(J(0X/(h(a^-1(;4(KL.%7(8'#C'(%JC%%D&(4'%("339"$(%B#&&#*3&(*:(KL.(?X1(;4(KL.@-

!#3C%(N9&4(aQG(*:(4'%("339"$(KL.(%B#&&#*3&(6%B"#3&("#6<*63%\.1](%"C'(=%"67(4'% C*B5"6#&*3(*:(B%4'"3%(?a^-1(;4(KL.%@(&'*9$D(<%(8#4'(6%&5%C4(4*(/-aQ(J(X1(h(0F-^(;4 KL.-

H'%6%:*6%7(4'%(C$#B"4%(C'"3A%(#B5"C4(*:(*96("339"$(KL.(%B#&&#*3&(?0F-^(;4(KL.@(#& "<*94(*3%I4'#6D(4'%(#B5"C4(*:(*96("339"$(B%4'"3%(%B#&&#*3&(?a^-1(;4(KL.%@7(N9&4("& 8%(C"$C9$"4%D("<*,%-

23D%%D7(4'%(#B5"C4(*:(B%4'"3%(:6*B("3#B"$("A6#C9$496%("$*3%(#&(?=@$%-$A>4B$C, DE9#7(8'#C'(8*6e&(*94(4*(5=4?$C,$DE9#-

H'#&(%JC%%D&(4'%(#B5"C4(*:("$$(:*&&#$(:9%$(<"&%D(KL.(%B#&&#*3&7(8'#C'(#&(F=@$%-$5=4> C,$D%97(8'#C'(8*6e&(*94(4*(5G4?$C,$DE9-

P*6(6%:%6%3C%7(5$%"&%(&%%(H"<$%(*3(R"A%(1(*:(4'%($"4%&4(2RKK(6%5*64\^]-

H'%(4'#6D(B*&4(&#A3#SC"34('9B"3IB"D%(%J'"9&4(5"64#C$%&("6%(&9$5'"4%("%6*&*$&7 C6%"4%D(B"#3$=(D96#3A(4'%(<963#3A(*:(C*"$("3D(*#$-(>CC*6D#3A(4*(+>!>7

!"#$%&'()*"$%*$+,&,(&%*-&,+-%.,%&'.(/0#"%-'"%"#$1%+$2$3"%/"4%"#$+$-1%+$5'3/.0%"#$%*6,'."%,) &'.(/0#"%+$*3#/.0%"#$%7*+"#8&%&'+)*3$9%:'()*"$%*$+,&,(&%*+$%-$(/$;$5%",%&'+;/;$%/.%"#$ *"6,&<#$+$%),+%*-,'"%=>?%5*1&9

@#$%&'()*"$%*$+,&,(&%*(&,%$."$+%3(,'5&%A#$+$%"#$1%3*'&$%"#$%.'6-$+%,)%3(,'5%5+,<($"&%", /.3+$*&$%-'"%6*B$%"#$%5+,<($"%&/C$&%&6*(($+9%@#$%.$"%$D$3"%/&%",%6*B$%"#$%3(,'5&%+$2$3" 6,+$%&'.(/0#"%"#*.%"#$1%A,'(5%A/"#,'"%"#$%<+$&$.3$%,)%"#$%&'()*"$%*$+,&,(&9%E,(('"/,.)+,6%"#$%&"*3B&%,)%&#/<&%*"%&$*%#*&%-$$.%&$$.%",%6,5/)1%"#$%(,A>(1/.0%3(,'5&%*-,;$%"#$69 @#$&$%3#*.0$&%/.%"#$%3(,'5%5+,<($"&4%5'$%",%"#$%&'()*"$%*$+,&,(&%)+,6%"#$%&#/<&4%#*;$%-$$. &$$.%/.%</3"'+$&%)+,6%A$*"#$+%&*"$((/"$&%*&%*%"+*3B%"#+,'0#%*%(*1$+%,)%3(,'5&9%F.%*55/"/,.%", 6*B/.0%"#$%3(,'5&%6,+$%+$2$3"/;$4%/"%/&%*(&,%-$(/$;$5%"#*"%"#$%*55/"/,.*(%*$+,&,(&%3*'&$ <,(('"$5%3(,'5&%",%(*&"%(,.0$+%*.5%+$2$3"%6,+$%&'.(/0#"%"#*.%.,.><,(('"$5%3(,'5&9G

P#A(.-0(&'*8&(4'%(6"D#"4#,%(:*6C#3A(C*346#<94#*3&(*:(4'%(B"N*6(A6%%3'*9&%(A"&%&("3D "%6*&*$&(4'"4('9B"3&('",%("DD%D(4*(4'%("4B*&5'%6%(&#3C%(0FQ/-(P#A(.-.(&'*8&(" B"5(*:(4'%(8*6$D(D%5#C4#3A(S6%&(&%%3(:6*B(&5"C%(<=(4'%(+>!>(fLl2!(!"4%$$#4%(D96#3A
"(0/(D"=(5%6#*D(#3(f"=(*:(./01-(!9C'(&$"&'I"3DI<963(S6%&("6%("(&#A3#SC"34(6%"&*3
8'=(A6"V#3A($"3D&7(8'#C'(C*3&4#494%(XFG(*:(4'%(#C%I:6%%($"3D("6%"(*:(4'%(5$"3%4(*3$=
&4*6%(.G(*:(4'%($"3D(C"6<*3-

H'%(6"D#"4#,%(C**$#3A(%Y%C4(*:('9B"3IB"D%(&9$5'"4%("%6*&*$&(4*A%4'%6(8#4'(4'%#6
C$*9D("DN9&4B%34&(#&(C"$C9$"4%D(4*(<%(I/-1Q(O_B.(\0]-

P#A-(.-0-(>34'6*5*A%3#C()"D#"4#,%(P*6C#3A(:6*B(,"6#*9&(A6%%3'*9&%(A"&%&("3D("%6*&*$&7(<6*e%3(#34*(4'6%%(A6*95%D(&%AB%34&b(0@(KL.7(.@(K**$#3A(%Y%C4&(&9C'("&(&9$5'"4% "%6*&*$&("3D(C'"3A%&(#3(&96:"C%("$<%D*("3D(X@(L4'%6(M%"4#3A(ZY%C4&(&9C'("&(B%4'"3%7(+#46*9&(LJ#D%7(M"$*C"6<*3&7(%4C-(m"$9%&(&*96C%D(:6*B(2RKK(>)Q(O;0(K'"54%6(E-

P#A(.-.(+>!>(fLl2!(!"4%$$#4%(B"5(*:(S6%&(4'"4(*CC966%D(#3("(0/ID"=(5%6#*D(#3(f"=(./01-(f*&4(*:(4'%(S6%&("6%('9B"3(C"9&%D7(56#B"6#$=(4*(C$%"6($"3D(:*6("3#B"$("A6#C9$496%-

KL.(#&("<&*6<%D(<=(46%%&("3D(5$"34&(D96#3A(5'*4*&=34'%&#&("3D(#4(#&(&4*6%D("8"= 5%6B"3%34$=(#3(,%A%4"4#*3("3D(&*#$(#3(6%A%3%6"4#3A(:*6%&4&-(M*8%,%67(#3(4'%("<&%3C% *:("C4#,%(6%:*6%&4"4#*3(%Y*64&7(KL.(#&("($*3AI$#,%D(A6%%3'*9&%(A"&(4'"4($#3A%6&(#3(4'% "4B*&5'%6%(:*6(4%3&(*:(4'*9&"3D&(*:(=%"6&-(>4(56%&%347("<*94(EQG(*:('9B"3IB"D% KL.(%B#&&#*3&("6%(:6*B(<963#3A(:*&&#$(:9%$&7(#-%-7(C*"$7(*#$("3D(3"496"$(A"&-(H'% 6%B"#3#3A(0QG(#&(B"#3$=(:6*B(<963#3A(D*83(:*6%&4&(4*(C$%"6($"3D7(#-%-7($"3DI9&% C'"3A%&\E]-

M*8%,%67(&#3C%(KL.(#&("($*3AI$#,%D(A6%%3'*9&%(A"&7(#4(#&(4'%(C9B9$"4#,%(%B#&&#*3&(*: KL.(*,%6(4#B%(4'"4(#B5"C4&(#4&(6"D#"4#,%(:*6C#3A7(3*4(C966%34(%B#&&#*3&("$*3%-(23(0EQ/7 $"3D(9&%(C'"3A%&(8%6%(4'%(B"#3(&*96C%(*:('9B"3IB"D%(KL.(%B#&&#*3&7(8'#$%("4 56%&%347(#4(#&(:*&&#$(:9%$&(?&%%(P#A-(.-X@-(234%A6"4#3A(4'%("339"$(KL.(%B#&&#*3& C*B5*3%34&(*,%6(4#B%7(8%(&%%(#3(P#A-(.-a(4'"4(<%48%%3(0EQ/("3D(./007(C9B9$"4#,% KL.(%B#&&#*3&(D9%(4*($"3D(9&%(C'"3A%&(#&(&%C*3D(*3$=(4*(4'"4(:6*B(C*"$(<963#3A-i%&#D%&7($"3D(9&%(C'"3A%&('",%(<%%3(*CC966#3A(:*6(*,%6(E7///(=%"6&7(8'%6%"&(:*&&#$:9%$(<963#3A(*3$=(&4"64%D(#3(4'%(#3D9&46#"$(%6"7("6*93D(.//(=%"6&("A*-(!#3C%(4'%($*3AI 6"3A%(4#B%(C*3&4"34(*:(KL.(6*Ce(8%"4'%6#3A(&%T9%&46"4#*3(#&(*3(4'%(*6D%6(*:(4%3&(*: 4'*9&"3D&(*:(=%"6&7(#4(#&(6%$%,"34(4*(C*3&#D%6(4'%(C9B9$"4#,%(KL.(%B#&&#*3&(:6*B($"3D 9&%(C'"3A%&(*,%6(4'%(5"&4(E///(=%"6&-(k"5$"3(%4("$-('"&(%&4#B"4%D(4'%(KL.(%B#&&#*3& D9%(4*($"3D(9&%(C'"3A%&(#3(4'%(56%I#3D9&46#"$(%6"(4*(<%(0.Q/(;4(KL.\1]-(H'#&(#B5$#%& 4'"4(#:(8%(#34%A6"4%(:6*B(E///(=%"6&("A*(4*(./007(KL.(%B#&&#*3&(:6*B($"3DI9&% C'"3A%&(#&(0EQ/(;4(KL.7(8'#C'(%JC%%D&(4'%(KL.(%B#&&#*3&(:6*B("$$(:*&&#$(:9%$(&*96C%& C*B<#3%D(*:(0.//(;4(KL.-(H'%6%:*6%7($"3D(9&%(C'"3A%&("6%(4'%($%"D#3A(C"9&%(*: '9B"3IB"D%(KL.(%B#&&#*3&(*,%6(4'%(=%"6&("3D(3*4(:*&&#$(:9%$(<963#3A-

P#A-(.-X-(>339"$("34'6*5*A%3#C(KL.(%B#&&#*3&(:6*B(d"3D(`&%(K'"3A%(n(K*"$(n(L#$(n(;"&(n(K%B%34(56*D9C4#*3-(R$%"&%(3*4%(4'"4(4'%(d"3D(`&%(K'"3A%(C*B5*3%34(D*B#3"4%D(#3 0EQ/(8'#$%(4'%(:*&&#$(:9%$(C*B5*3%34&(D*B#3"4%("4(56%&%34

P#A-(.-a-(K9B9$"4#,%(KL.(%B#&&#*3&(:6*B(d"3D(`&%(K'"3A%7(K*"$7(L#$7(;"&("3D(K%B%34(56*D9C4#*3(:6*B(0EQ/(*38"6D-(k"5$"3(%4-("$-(%&4#B"4%(4'%(d"3D(`&%(K'"3A%(C*346#<94#*3 56#*6(4*(0EQ/(4*(<%(XaX;4K(*6(0.^/(;4(KL.-

23(&9BB"6=7(*:(4'%(4*5(4'6%%('9B"3IB"D%(%J'"9&4(A"&%&("3D(5"64#C$%&(#B5"C4#3A
C$#B"4%(C'"3A%7
0@(d"3D(9&%(C'"3A%&7(56#B"6#$=(:*6("A6#C9$496%7(#&(4'%($%"D#3A(C"9&%(*:(KL.(%B#&&#*3&7
"(A$*<"$('%"4#3A(C*B5*3%34(8#4'(4'%($"6A%&4(6"D#"4#,%(:*6C#3Ao
.@(>3#B"$("A6#C9$496%(#&(4'%($%"D#3A(C"9&%(*:(B%4'"3%(%B#&&#*3&7(4'%(A$*<"$('%"4#3A C*B5*3%34(C*346#<94#3A(4'%(B*&4(#3C6%B%34"$('%"4#3A(*3("3("339"$(<"&#&o("3D X@(P*&&#$(:9%$(<963#3A(#&(4'%($%"D#3A(C"9&%(*:(&9$5'"4%(%B#&&#*3&7("(A$*<"$(C**$#3A C*B5*3%34-

O#4'(4'%(%JC%54#*3(*:(&9$5'"4%("%6*&*$&7(8'#C'("6%(B"#3$=("(<=56*D9C4(*:(:*&&#$(:9%$ C*B<9&4#*37(4'%(*4'%6(48*(%J'"9&4(A"&%&(C"9&#3A(C$#B"4%(C'"3A%(j(KL.("3D B%4'"3%(j("6%(B*$%C9$"6(:*6B&(*:(C"6<*3-(H'%6%:*6%7($%4(9&(3*8(4"e%("(C$*&%6($**e("4 '*8('9B"3&('",%("$4%6%D(4'%(C"6<*3(C*B5*&#4#*3(*:(4'%(5$"3%4-

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K"6<*3(#&(&4*6%D(*3($"3D(#3(,%A%4"4#*3("3D(&*#$&-()*9A'$=('"$:(4'%(8%#A'4(*:("(46%%(#& C"6<*3-(M"$:(4'%(8%#A'4(*:("(46%%(#&(<%$*8(A6*93D("3D('"$:("<*,%(A6*93D("3D 4'%6%:*6%7(4'%("<*,%(A6*93D(8%#A'4(*:("(46%%(#&("(A**D(B%"&96%(*:(4'%("B*934(*: C"6<*3(&4*6%D(<=(4'%(46%%-(23(A%3%6"$7(&*#$(C*34"#3&(4'6%%(4#B%&("&(B9C'(C"6<*3("& 4'%(,%A%4"4#*3(#4('*$D&-(!*#$(C"6<*3(%JC$9D%&(C"6<*3(&4*6%D(#3(46%%&7(5$"34&7("3#B"$&7 <#6D&("3D(#3&%C4&-

K"6<*3(#&(&4*6%D(D%%5(93D%6A6*93D(#3(4'%(:*6B(*:(:*&&#$(:9%$&-(24(#&("$&*(&4*6%D(93D%6 5%6B":6*&4($"3D(#3(4'%(:*6B(*:("3C#%34(,%A%4"4#*3(4'"4(A*4(:6*V%3("3D(56%&%6,%D("4
4'%(D"83(*:(4'%(#C%("A%&(X(B#$$#*3(=%"6&("A*-

K"6<*3(#&(&4*6%D(#3(4'%(*C%"3(#3(&96:"C%7(#34%6B%D#"4%("3D(D%%5(&%"(&%D#B%34&-(24(#&
"$&*(&4*6%D(#3(4'%(*C%"3("&(D#&&*$,%D(C"6<*3-(P#3"$$=7(C"6<*3(#&(:*93D(#3(4'%
"4B*&5'%6%7(56#B"6#$=("&(KL.7(B%4'"3%7(*6A"3#C(C"6<*3("3D(<$"Ce(C"6<*3-

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P*6("4($%"&4(E///(=%"6&7('9B"3&('",%(<%%3(D#&5$"C#3A(C"6<*3(<=(C$%"6#3A($"3D(:*6 "A6#C9$496%("3D(<=(<963#3A(:*&&#$(:9%$&(?&%%(P#A-(X-0@-(f*&4(*:(4'"4(D#&5$"C%D(C"6<*3 '"&(6%4963%D(<"Ce(4*($"3D7(8'#$%(&*B%('"&(D#&&*$,%D(#34*(4'%(*C%"3("3D(.a/(;4K(*:(#4 '"&(6%B"#3%D(#3(4'%("4B*&5'%6%(#3(4'%(:*6B(*:(A6%%3'*9&%(A"&%&(C"9&#3A(C$#B"4% C'"3A%-(24(#&(%&4#B"4%D(4'"4(#3(4'%(56%I#3D9&46#"$(%6"7('9B"3&(D#&5$"C%D("6*93D(X// ;4K(*:(C"6<*3(*3($"3D7(<94(4'#&(<"6%$=(B"D%("(D%34(#3(4'%("4B*&5'%6#C(KL.($%,%$&("& B*&4(*:(#4(6%4963%D(<"Ce(4*($"3D(#3(4'%(:*6B(*:(>6C4#C(5%"4(B*&&7(8'#C'(#&("($"6A% "<&*6<%34(B*&&(4'"4(A6%8(#3(4'%(>6C4#C(493D6"(*3(<*AA=(A6*93D-(!#3C%(4'%37('9B"3& '",%(C*B<9&4%D(X^Q(;4K(*:(C"6<*3(:6*B(4'%(5$"3%4[&(:*&&#$(6%&%6,%&("3D(D#&5$"C%D 0^a(;4K(:6*B(,%A%4"4#*3("3D(&*#$(*3($"3D-(L:(4'"4(4*4"$(*:(Q.1(;4K(*:(C"6<*37(aQG(*6 .a/(;4K('"&(6%B"#3%D("#6<*63%(#3(4'%(:*6B(*:(KL.7(B%4'"3%7(%4C-7(#3(4'% "4B*&5'%6%7(8'#$%(0QQ(;4K('"&(D#&&*$,%D(#34*(4'%(*C%"3("3D(0Xa(;4K('"&(6%4963%D <"Ce(4*($"3D\00]-

M9B"3&('",%(C94(D*83("<*94(a^G(*:(4'%(46%%&(*3($"3D(&#3C%(4'%(D"83(*:

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933G(j(>$"3(K"$,%6D7("3(#3D%5%3D%34(5'=&#C#&47(59<$#&'%D("3(%&4#B"4%(*:(;M; %B#&&#*3&(:6*B(Ud#,%&4*CeW(<6%"4'#3A("$*3%(#&(E-E(;4(KL.%(*6(.0G(*:(4*4"$-(Ud#,%&4*CeW <6%"4'#3A(#&("(56*J=(:*6(4'%(",*#D%D(C"6<*3(&%T9%&46"4#*3(8'#$%(C*3&9B#3A("3#B"$ 56*D9C4&\..]-

933>(j(P>L(59<$#&'%D(d#,%&4*Ce[&(d*3A(!'"D*8(?dd!@(C"$C9$"4#3A($#:%C=C$%(%B#&&#*3& :6*B(4'%(Ud#,%&4*CeW(&%C4*6(4*(<%(F-Q(;4(KL.%(*6(0EG(*:(4*4"$7(#-%-7($%&&(4'"3(4'% <6%"4'#3A(C*346#<94#*3("$*3%\Q]-

933B(j(;**D$"3D("3D(>3'"3A7(48*(Z3,#6*3B%34"$(>&&%&&B%34(?Z>@(&5%C#"$#&4&(8#4' 4'%(O*6$D(i"3e7(59<$#&'%D(4'%(O*6$DO"4C'(6%5*64(C*66%C4#3A(%66*6&(#3(dd!("3D C"$C9$"4#3A($#:%C=C$%(%B#&&#*3&(*:(4'%(Ud#,%&4*CeW(&%C4*6(4*(<%(X.-^(;4(KL.%(*6(Q0G(*: 4*4"$-(H'#&(X.-^(;4(KL.%(C"3(<%(&5$#4(#34*("C49"$(%B#&&#*3&(*:(.0-0(;4(KL.%(5$9& ",*#D%D(C"6<*3(&%T9%&46"4#*3(*:(00-Q(;4(KL.%(?&%%(H"<$%(a-0@(*3(4'%($"3D(4'"4(8*9$D <%(:6%%D(95(8'%3("3#B"$("A6#C9$496%(#&(%$#B#3"4%D\X]-(H'%($"44%6(#&(4'%#6(%&4#B"4%(*: 4'%(UK"6<*3(L55*6493#4=(K*&4(?KLK@W(*:("3#B"$("A6#C9$496%7(4*(9&%(4'%(4%6B#3*$*A=(*: !%"6C'#3A%6(%4("$-(23(4'%(:*6B%67(;**D$"3D("3D(>3'"3A(9&%D("(./I=%"6(4#B%:6"B%(:*6 ",%6"A#3A(4'%(#B5"C4(*:(B%4'"3%(#3&4%"D(*:(4'%(0//(=%"6(4#B%:6"B%(9&%D(#3(4'% P>L[&("3"$=&#&\a]-

9355(j(P>L(&C#%34#&4&(59<$#&'%D(C6#4#T9%(*:(;**D$"3D("3D(>3'"3A[&(%&4#B"4%(#3 >3#B"$(P%%D(!C#%3C%("3D(H%C'3*$*A=(?>P!H@(r*963"$\.X]-

9359(j(;**D$"3D("3D(>3'"3A(59<$#&'%D(6%:94"4#*3(#3(>P!H(r*963"$("3D(6%#4%6"4%D 4'%#6(%&4#B"4%-(P>L(&C#%34#&4&(D%C$#3%D(4*(C*34#39%(4'%(D%<"4%(D%&5#4%(>P!H(ZD#4*6[& #3,#4"4#*3\.a]-

935?(j(P>L(59<$#C$=(5"643%6%D(8#4'(234%63"4#*3"$(f%"4(!%C6%4"6#"4("3D(4'% 234%63"4#*3"$(l"#6=(P%D%6"4#*3("3D(59<$#&'%D(6%,#&#*3(4*(dd!7(C"$C9$"4#3A($#:%C=C$% %B#&&#*3&(*:(4'%(Ud#,%&4*CeW(&%C4*6(4*(<%(F-0(;4(KL.%(*6(0a-QG(*:(4*4"$7(8#4'*94 "DD6%&&#3A("3=(*:(4'%(%66*6&(5*#34%D(*94(#3(;**D$"3D("3D(>3'"3A[&(6%5*64(*6(#3(4'% %3&9#3A(5%%6I6%,#%8%D(D%<"4%\.]-

H'%6%:*6%7(6%$=#3A(*3(4'%(P>L[&("3"$=&#&(#&($#e%(6%$=#3A(*3("(R'#$#5(f*66#&(&C#%34#SC 5"5%6(4'"4(%J4*$&(4'%(C"3C%6('%"$#3A(<%3%S4&(*:(&B*e#3A(f"6$<*6*(d#A'4&\.Q]-(L6(4'% R'#$#5(f*66#&(&49D=(C*3D9C4%D(<=(>64'96(l-(d#44$%(8'#C'(:*93D(4'"4(&B*e%6&[(%"6$= B*64"$#4=("3D(C#A"6%44%I4"J(6%,%39%(*948%#A'%D(4'%(C*&4&(*:('%"$4'IC"6%("3D($*&4(4"J 6%,%39%(:6*B(%"6$=(D%"4'-(23(#4&($#:%C=C$%("3"$=&#&(*:("3#B"$("A6#C9$496%7(4'%(P>L('"D C"$C9$"4%D(4'%(KLK(*:("3#B"$("A6#C9$496%7(#-%-7(4'%(C"6<*3(&%T9%&46"4#*3(4'"4(8#$$(*CC96 "339"$$=(#:(4'%(56*D9C4&(*:("3#B"$("A6#C9$496%("6%(6%5$"C%D(8#4'(5$"34I<"&%D "$4%63"4#,%&7(4*(<%(56%C#&%$=(sZ)L-(H'#&(#&(#3C*66%C47(&#3C%("3#B"$("A6#C9$496%(#&(9&#3A XFG(*:(4'%($"3D("6%"(*:(4'%(5$"3%4(:*6(N9&4(A6"V#3A("$*3%("3D(4'#&(A6"V#3A($"3D(#& &4*6#3A(N9&4(.G(*:(4'%($"3D(C"6<*3\0Q]-(H'#&(&'*8&(4'"4(4'%6%(#&("(46%B%3D*9&(D%"64' *:(C"6<*3(#3(A6"V#3A($"3D&7(8'#C'(#&("3(*55*6493#4=(4*(6%D6%&&(4'%(C"6<*3(#B<"$"3C% <%48%%3($"3D("3D(4'%("4B*&5'%6%-(23D%%D7(#4("55%"6&(4'"4(;**D$"3D("3D(>3'"3A B"=('",%("$&*(,"&4$=(93D%6C*934%D(4'%(KLK(*:("3#B"$("A6#C9$496%(&#3C%(4'%=(*3$= #3C$9D%D(KL.(&4*6%D(#3("<*,%(A6*93D(,%A%4"4#*3("3D(D#D(3*4(#3C$9D%(KL.(&4*6%D(#3
&*#$-(!%"6C'#3A%6(%4("$-(C"$C9$"4%(4'%(KLK(4*(<%("3(",%6"A%(*:(Q(4*3&(*:(KL.(5%6
5%6&*3(5%6(=%"67(8'#C'(8*6e&(*94(4*("(4*4"$(*:(Xa-Q(;4(KL.(:*6("('9B"3(5*59$"4#*3(*: ^-1(<#$$#*3(#3(./0/\a]-(H'%6%:*6%7(4'%(469%($#:%C=C$%(%B#&&#*3&(*:("3#B"$("A6#C9$496%(#&("4 $%"&4(QQ-^(;4(KL.%(#3(./0/7(#-%-7(F=@(*:(4'%(4*4"$-(H'%(D%4"#$%D(C"$C9$"4#*3&("6%(&'*83
#3(H"<$%(a-0(<%$*8b

P#A-(a-X-(;$*<"$(%B#&&#*3&(<=(%C*3*B#C(&%C4*6("CC*6D#3A(4*(4'%(`+(2RKK(>)Q-(>A6#C9$496%7(PL6%&46=("3D(d"3D(`&%(?>PLd`@(C*B56#&%(N9&4(.aG(*:(4'%(4*4"$7(<94(4'#&(:6"C4#*3 D*%&3[4(#3C$9D%(#3D#6%C4(%B#&&#*3&(:6*B(46"3&5*647(#3D9&46=("3D(*4'%6(&%C4*6&-

23(C*346"&4(4*(Ud*C"$(!%3&#4#,#4=(>3"$=&#&7W("(U;$*<"$(!%3&#4#,#4=(>3"$=&#&W(8*6e&(<=
C*3&#D%6#3A(4'%(4'*9A'4(%J5%6#B%34b('*8(8#$$(4'%('9B"3IC"9&%D(6"D#"4#,%(:*6C#3A
C'"3A%(#3(4'%(48*(&C%3"6#*&b
"@(D0#()$H)#&'I$H<%)%8I2(#:(8%(%$#B#3"4%(:*&&#$(:9%$(<963#3A("3D(6%5$"C%(#4(8#4'
C$%"3(%3%6A=(&*96C%&7(e%%5#3A("$$(%$&%(4'%(&"B%(,&- <@(J0(),$K(.#:$H<%)%8I2(#:(8%(%$#B#3"4%(4'%("3#B"$("A6#C9$496%(&%C4*6("3D(6%5$"C%(#4 8#4'(5$"34I<"&%D(&*96C%&7(e%%5#3A("$$(%$&%(4'%(&"B%q

23(4'%(K$%"3(Z3%6A=(ZC*3*B=(&C%3"6#*7(8%("&&9B%(4'"4("$$(%3%6A=(&*96C%&('",%(<%%3 46"3&#4#*3%D(4*(C$%"37(V%6*(%B#&&#*3&(&*96C%&7(<94(8%(8#$$(<%(C*34#39#3A(4*(<963(D*83 :*6%&4&(4*(A6*8(B*6%("3#B"$(:**D&("&(<%:*6%-(H'%6%:*6%7($"3D(9&%(C'"3A%(%B#&&#*3& 8*9$D(C*34#39%(4*("DD(KL.(4*(4'%("4B*&5'%6%-(H'%(KL.(C*B5*3%34(*:(4'%(6"D#"4#,% :*6C#3A(8*9$D(C*34#39%(4*(#3C6%"&%(<94("4("(&$*8%6(5"C%(4'"3(<%:*6%-(!#3C%(8%("6%(3* $*3A%6(<963#3A(C*"$("3D(*#$7(&9$5'"4%("%6*&*$&(8*9$D(D#&"55%"6(8#4'#3(XIQ(D"=&7 8'#C'(B%"3&(4'"4(4'%(3%4(6"D#"4#,%(:*6C#3A(8*9$D(#3C6%"&%(<=(/-1Q(O_B.(D9%(4*(4'#& C*B5*3%34-(P#3"$$=7(L4'%6(M%"4#3A(ZY%C4&(8*9$D(6%B"#3(4'%(&"B%(&*(4'"4(4'%(3%4 6"D#"4#,%(:*6C#3A(8*9$D(#3C6%"&%(4*(X-.a(O_B.(:6*B(4'%(56%&%34(.-.1(O_B.7 %J"C%6<"4#3A(39B%6*9&(C"4"&46*5'#C(C$#B"4%(:%%D<"Ce($**5&-

23(4'%(R$"34(i"&%D(ZC*3*B=(&C%3"6#*7(8%("&&9B%(4'"4("$$("3#B"$(56*D9C4&('",%(<%%3 6%5$"C%D(8#4'(5$"34I<"&%D(%T9#,"$%34&("3D(4'"4("3#B"$("A6#C9$496%('"&(<%%3 %$#B#3"4%D7(<94(8%(C*34#39%(4*(<963(:*&&#$(:9%$&("&(3%C%&&"6=-(P6*B(P#A-(a-.7(8%(&%% 4'"4(8%(C"3(3*8(&955$=("$$(4'%(5$"34I<"&%D(:**D("3D(56*D9C4(6%T9#6%B%34&(:6*B(4'% C6*5$"3D(*94594("$*3%7(:6%%#3A(95(4'%(A6"V#3A($"3D(:*6(6%:*6%&4"4#*3("3D(C"6<*3 &%T9%&46"4#*3-(H'#&(A6"V#3A($"3D(8#$$(<%A#3(&%T9%&4%6#3A(Xa-Q(;4(KL.(5%6(=%"67 6%D9C#3A(KL.($%,%$&(#3(4'%("4B*&5'%6%-(23("DD#4#*37("(A**D(C'93e(*:(4'%(:*&&#$(:9%$ <963#3A(8*9$D(D#&"55%"6("&(8%(6%D9C%(*96(3%%D(:*6(46"3&5*64#3A(,"&4("B*934&(*: :**D(4*("3#B"$&7(e#$$#3A(4'%B(#3(#3D9&46#"$(&%44#3A&7(6%:6#A%6"4#3A(4'%#6(C"6C"&&%&7 46%"4#3A(D#&%"&%D(5%*5$%7(%4C-(><*94(a/G(*:(4'%(B%4'"3%(#3(4'%("4B*&5'%6%(8*9$D D#&"55%"6(#3(0/I0.(=%"6&7(6%D9C#3A(4'%(6"D#"4#,%(:*6C#3A(<=(/-a(O_B.-(H'%6%:*6%7(8% C"3(%J5%C4(4'%(3%4(6"D#"4#,%(:*6C#3A(4*(D%C6%"&%(4*(0-XI0-F(O_B.(:6*B(4'%(C966%34 .-.1(O_B.(8#4'#3(0/I0.(=%"6&-(>&(4'%(3%4(6"D#"4#,%(:*6C#3A(D%C6%"&%&7(8%(C"3(&4"64 A6"D9"$$=(&8#4C'#3A(*94(4'%(:*&&#$(:9%$(#3:6"&469C496%(:*6(C$%"3(%3%6A=(&*96C%&(8#4'*94 %J"C%6<"4#3A(C"4"&46*5'#C(C$#B"4%(:%%D<"Ce($**5&-

H'%(C'*#C%(<%48%%3(4'%&%(48*(&C%3"6#*&(&'*9$D(3*8(<%(*<,#*9&-(H'#&(&'*8&(4'"4 "3#B"$("A6#C9$496%(#&(#3D%%D(4'%($%"D#3A(C"9&%(*:(C$#B"4%(C'"3A%-

>&(4'%(D%4"#$%D(C"$C9$"4#*3&(#3(P#A(a-a"(&'*87("(4*4"$(&'94D*83(*:(4'%(i963#3A
B"C'#3%(#3(4'%(K$%"3(Z3%6A=(ZC*3*B=(&C%3"6#*(8*9$D(6%&9$4(#3("(3%4(*)<&#(.#(#3
6"D#"4#,%(:*6C#3A(*:(/-1/0(O_B.("339"$$=-(23(C*346"&47(P#A(a-a<(&'*8&(4'"4("(4*4"$
&'94D*83(*:(4'%(k#$$#3A(B"C'#3%(#3(4'%(R$"34(i"&%D(ZC*3*B=(&C%3"6#*(8*9$D(6%&9$4(#3
"(3%4(:#<&#(.#(#3(6"D#"4#,%(:*6C#3A(*:(/-0/a(O_B.("339"$$=-

P#A(a-a"b(l%4"#$%D(C"$C9$"4#*3&(*3(4'%("339"$(C'"3A%(#3(6"D#"4#,%(:*6C#3A(#:(4'%(i963#3A(B"C'#3%(#&(&'94(D*837(#3C$9D#3A(KL.7(f%4'"3%("3D(!L.7(8'#$%(3%A$%C4#3A(4'%(#B5"C4(*: *4'%6(B#3*6(A6%%3'*9&%(A"&%&-

P#A(a-a<b(l%4"#$%D(C"$C9$"4#*3&(*3(4'%("339"$(C'"3A%(#3(6"D#"4#,%(:*6C#3A(#:(4'%(k#$$#3A(B"C'#3%(#&(&'94(D*837(#3C$9D#3A(KL.7(f%4'"3%("3D(d"3D(`&%(C'"3A%&7(8'#$%(3%A$%C4#3A 4'%(#B5"C4(*:(*4'%6(B#3*6(A6%%3'*9&%(A"&%&-

H'%6%:*6%7(4'%(*54#B9B(&46"4%A=(4*(&'94(D*83(4'%&%(48*(B"C'#3%&(8#4'*94 #3C6%"&#3A(4'%(3%4(6"D#"4#,%(:*6C#3A(#&(4*(S6&4(&'94(D*83(4'%(k#$$#3A(B"C'#3%("&(&**3 "&(5*&&#<$%("3D(4'%3(&'94(D*83(/-0/a_/-1/0(h(00-QG(*:(4'%(i963#3A(B"C'#3%(%,%6= =%"6(:*6(4'%(3%J4(1(=%"6&-

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>4(56%&%347(A6"V#3A($"3D&(&4*6%(N9&4(^G(*:(4'%(C"6<*3(5%6(93#4("6%"(8'%3(C*B5"6%D(4* 4'%(",%6"A%(:*6("$$($"3D-(23(*96(d#:%&4=$%(K"6<*3(l#,#D%3D(5*&4%6(5"5%6(56%&%34%D("4 4'%(>;`(P"$$(f%%4#3A(#3(./0Q7(8%(6%5*64%D(4'"4(a0G(*:(4'#&(A6"V#3A($"3D(9&%D(4*(<% :*6%&4&(#3(0E//("3D(4'"4(#:(8%(C"3(6%4963(4'%(*6#A#3"$(:*6%&4&(*3(4'"4($"3D7(4'%(C"6<*3 &4*6"A%(*3($"3D(8*9$D(#3C6%"&%(<=(.^Q(;4K(:6*B(#4&(56%&%34(,"$9%\0Q]-(L96("3"$=&#& 8"&(C*3D9C4%D(9&#3A(./0a(MtlZ($"3D(9&%(D"4"7("&&9B#3A(4'"4(A6"V#3A($"3D(#& 6%,%64%D(4*(3"4#,%(<#*B%&(4'"4(%J#&4%D(#3(0E//\.^]-

M%6%("6%(4'%(&955*64#3A(C"$C9$"4#*3&("3D(%J46"5*$"4#*3&("&&9B#3A(4'"4("$$(A6"V#3A $"3D(C"3(<%(6%A%3%6"4%D(4*(&4*6%(4'%(&"B%(C"6<*3(&%T9%&46"4#*3(5%6(93#4("6%"("&(4'% 6%,%64%D($"3D&b

H*4"$("6%"(*:(A6"V#3A($"3D&(#3(./0ab(A=4?LM89
H*4"$(C"6<*3(&4*6%D(#3(4'"4($"3D(?&*#$(n(,%A%4"4#*3@b(G94F$C,D K"6<*3(&%T9%&4%6%D(5%6(93#4("6%"(#3(A6"V#3A($"3D&b(5N55>$,7M89 H*4"$("6%"(*:(A6"V#3A($"3D&(6%,%64%D(4*(:*6%&4&b(5B4>LM89 K"6<*3(&%T9%&4%6%D(#3(6%,%64%D($"3D&("4(B"496#4=b(9B94=$C,D K"6<*3(&%T9%&4%6%D(5%6(93#4("6%"("4(B"496#4=b(5ANB?3$,7M89 R*4%34#"$(K"6<*3(&%T9%&46"4#*3(#3("$$($"3D&("4(B"496#4=b(=3>49$C,D +%4(K"6<*3(&%T9%&46"4#*3(#3("$$($"3D&("4(B"496#4=b(>G?4A$C,D +%4(KL.(&%T9%&46"4#*3(#3("$$($"3D&("4(B"496#4=b(9?B>$C,$DE9

R$%"&%(3*4%(4'"4("&(KL.(&%T9%&46"4#*3(*CC96&(*3(&9C'("(B"&&#,%(&C"$%7(8%(C"3(%J5%C4 4'%(*C%"3(4*(6%$%"&%(#4&(D#&&*$,%D(KL.("3D(4'%(KL.(:%64#$#V"4#*3(%Y%C4(4*(D%C6%"&%(*3

$"3D-(H'%3(4'%(5*4%34#"$(KL.(&%T9%&46"4#*3(8#$$("$&*(D%C$#3%(56*5*64#*3"$$=7(<%C"9&% 8%(8*9$D(<%($#4%6"$$=(6%D9C#3A(4'%(KL.($%,%$&(#3(4'%("4B*&5'%6%7("(D%&#6"<$%(*94C*B%
:*6('9B"3#4=("3D("$$($#:%-

P#A-(Q-0-(H'%(d#:%&4=$%(K"6<*3(l#,#D%3D("3"$=&#&(&'*8#3A(4'"4("(A$*<"$(46"3&#4#*3(4*("(5$"34I<"&%D(%C*3*B=(C"3(&%T9%&4%6(.^Q(;4K(*3(N9&4(a0G(*:(4'%(A6"V#3A($"3D-

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23(4'#&(5"5%67(8%(%&4"<$#&'%D(4'"4("3#B"$("A6#C9$496%(#&(4'%($%"D#3A(C"9&%(*:(C$#B"4% C'"3A%("CC*934#3A(:*6("4($%"&4(EFG(*:("339"$(A6%%3'*9&%(A"&(%B#&&#*3&-(O%("$&* #$$9&46"4%D(4'%(3%%D(4*(56*5%6$=(&%T9%3C%(4'%(&'94D*83(56*C%&&(:*6(4'%(e#$$#3A B"C'#3%(?"3#B"$("A6#C9$496%@("3D(4'%(<963#3A(B"C'#3%(?:*&&#$(:9%$(<963#3A@(&*(4'"4(8% D*3[4(#3C6%"&%(4'%(6"D#"4#,%(:*6C#3A(933%C%&&"6#$=-(P*6493"4%$=7(4'#&(56*5%6 &%T9%3C#3A(*:(4'%(&'94D*83(*:(4'%(e#$$#3A(B"C'#3%("3D(4'%(<963#3A(B"C'#3%(8#4'(4'% "44%3D"34(A$*<"$(46"3&#4#*3(4*("(5$"34I<"&%D(%C*3*B=(C"3(<%("C'#%,%D(4'6*9A' C*3C%64%D7(A6"&&6**4&("C4#*37(8#4'(*6(8#4'*94(4'%("C4#,%(C**5%6"4#*3(*:(A*,%63B%34&7 &C#%34#SC(#3&4#494#*3&7(C*65*6"4#*3&("3D(4'%(3%8&(B%D#"-

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1. The IPCC uses total CO2 emissions instead of airborne fraction (45%)

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2. The IPCC measures the impact of methane over a 100 year timeframe, thereby diluting it, instead of measuring it over a decade

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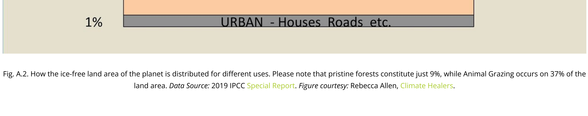

Fig. A.2. How the ice-free land area of the planet is distributed for different uses. Please note that pristine forests constitute just 9%, while Animal Grazing occurs on 37% of the land area. *Data Source:* 2019 IPCC Special Report, *Figure courtesy:* Rebecca Allen, Climate Healers.

3. The IPCC does not consider the opportunity cost of land use for Animal Agriculture

Most forests are destroyed to create animal grazing land. When forests vanish, so does the ability of that piece of land to cool the Earth because trees absorb carbon dioxide and the trees are gone. So, the cooling opportunity is lost. Over time, the absence of those trees means a continuous cause of climate change. Currently, 37% of the ice-free land area of the planet is used for animal grazing, but this grazing land only stores 2% of the carbon on land (see Fig A.2). Yet, the IPCC does not consider the opportunity cost of this land use for animal agriculture.

4. The IPCC uses raw data from the Animal Agriculture industry

The IPCC uses raw data from the animal agriculture industry through the United Nations Food and Agriculture Organization (FAO), instead of neutral sources. This is like getting our data from the tobacco industry to determine cigarettes impact on health. The UN FAO has a public partnership with the International Meat Secretariat, International Dairy Federation and the International Egg Producers Association, all industry promotion organizations. Members of the UN FAO are co-authors of IPCC reports, thereby eliminating any semblance of neutrality in the IPCC's scientific deliberations on the impact of animal agriculture.

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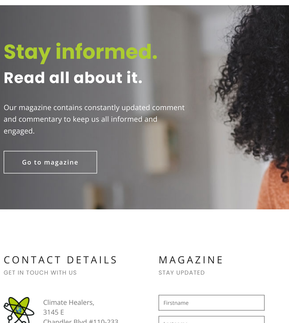
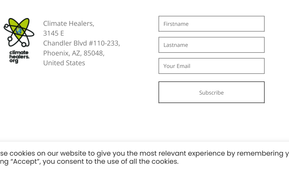


They're Trying To Kill Us

This is the overview webinar in a six-part Webinar series doing a deep dive on the Climate Healers Animal Agriculture position paper.

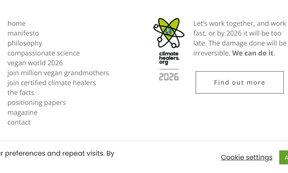
Animal Agriculture is the Leading Cause of Climate Change – Section 2: How Humans Change Climate (Jan 11, 2020)

This is an in-depth discussion on Section 2 of the Climate Healers Position Paper, along with an extensive Q&A segment following the presentation.



Animal Agriculture is the Leading Cause of Climate Change – Section 3: How Humans Change Carbon (Feb 1, 2020)

This is an in-depth discussion on Section 3 of the Climate Healers Position Paper, along with an extensive Q&A segment following the presentation.



Animal Agriculture is the Leading Cause of Climate Change – Section 4: Sensitivity Analysis (Mar 7, 2020)

This is an in-depth discussion on Section 4 of the Climate Healers Position Paper, along with an extensive Q&A segment following the presentation.

Animal Agriculture is the Leading Cause of Climate Change – Section 5: Lifestyle Carbon Dividend (Apr 4, 2020)

This is an in-depth discussion on Section 5 of the Climate Healers Position Paper, along with the Q&A segment following the presentation.

Animal Agriculture is the Leading Cause of Climate Change – Appendix: Four Miscalculations in IPCC Reports (Apr 11, 2020)

This is an in-depth discussion on the Appendix of the Climate Healers Position Paper, along with the Q&A segment following the presentation.

Here is a series of videos reviewing the position paper by Gerard Bisshop, former Principal Scientist of the Government of Queensland Natural Resources..

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