they ought not to have less than four buds or eyes, five or six sometimes may be on the cutting as it ought not to be less than eighteen inches long —

Those that I recommend for making wine are — The Catawba — the Bland Madeira — the Schuylkill Muscadell, — Cliftons Constantia, & the Lufborough. I have also the Worthington, which makes a harsh austere wine & mixed with the Constantia is something like Port wine —

This I planted this season I have planted the cuttings, two rows within four feet of each other, ~~and~~ and the cuttings four feet distant in the rows and then an interval of ten feet and then two rows again &c — Six feet square I do not like, — The Catawba & Bland Madeira I sell at thirty dollars per thousand, and the others at $25 — per thousand —

I have made good wine of all the kind I have mentioned above, And I believe I may safely say that I can raise a bushel of them easier than I could half a gallon of any of the foreign kind that I have tried, that is to take an average of seven years, for since in about five years I have had a tolerable crop of foreign grapes, but then not so abundant as the native — And as I intend to make wine without sugar ~~this~~ or some other sweet substance it is folly itself, while our vines are young; but I expect as they grow old, perhaps they may become so sweet as not to require sugar &c —

I never yet came across a Frenchman yet, that knew how to prune a vine, or to make wine all I have seen cut off the heavy wood — The Germans can raise the grape, but I never conversed with one who knew how to manage wine & to make it even tolerable — Several Gentlemen who have been at Vevay & have at various times called on me; all agree that the very worst of my wines are as good as the best of theirs —

I send with this a pamphlet that I have published, And as strange as it may seem [redacted] not the less true. That the World is or will be indebted to Mr. Mc Call of Georgia and myself for giving to the World certain rules so as to make wine as good as it is possible for the materials to produce — If it is known in other parts of the World it is a secret they keep to themselves; But I believe it is all guess work with them, for from the excellence of their grapes with common attention, they can scarcely miss in making good wine — It is the same with apples, with cleanliness and common attention in making cider, some apples always produce good —

P.S. Without something unforeseen it will be worth while to ride 100 miles to see my vineyard about the 20th or 25th Augt and I should be glad to see you then —

Yours &c

J. Adlum

however be with us Love will throw all our ideas into a crucible and fuse them up into one mighty mass. Then who can tell what may not be accomplished. In haste but cordially your friend even without a fee —

C. Bernie Esqr

G. M. Eichelberger