Black Ankle Vineyards spray schedule for the “Average Year”

April 15th  Bud Break
May 10th  1 lb Kocide 3000 + 2.7 lb Microthiol Sulfur
May 20th  1 lb Kocide 3000 + 2.7 lb Microthiol Sulfur
May 30th  Elite 4 oz + 1 lb Kocide 3000 + 2.7 lb Microthiol Sulfur
June 13th  Pristine 8.75 oz + 1 lb Kocide 3000 + 2.7 lb Microthiol Sulfur
June 27th  Elite 4 oz + 1 lb Kocide 3000 + 2.7 lb Microthiol Sulfur
July 10th  1 lb Kocide 3000 + 2.7 lb Microthiol Sulfur
July 20th  1 lb Kocide 3000 + 2.7 lb Microthiol Sulfur
July 30th  1.25 lb Kocide 3000 + 2.7 lb Microthiol Sulfur
August 10th  1.25 lb Kocide 3000 + 2.7 lb Microthiol Sulfur

Cane-pruned vinifera means very little phomopsis, no need to spray for it
Downy and powdery don’t typically appear until 10” shoot growth, so no sprays before then
No rot sprays – leaf pulling for sun and wind exposure, cane pruning, and no bunches touching another bunch
Total copper use is just under 3 lbs per acre per year (9.5 lbs of Kocide which is 30% copper)
Elite and Pristine are assumed to work for Black Rot only – always use sulfur to protect against Powdery resistance
Historic Downy pressure is highest in Late July – August
Always watch the weather, and stretch or shrink the intervals as needed
For copper/sulfur, reduce the remaining interval by ½ after 1 inch of rain, re-spray immediately after 2 inches
Stretch out intervals if there is no rain and no dew
August 20-Sept 15th  Scout for Downy; use Phos Acid if present; use Oxidate on Powdery if present
After September 15th  keep scouting for downy, but powdery no longer a problem
Don’t spray copper on white grapes after veraison, turn nozzles to canopy only
Don’t use sulfur after Veraison

In Reserve – Phosphorous acid – safe for late season Downy
Can substitute Phosphorous Acid product for copper in some sprays (not Organic, but in some ways better and gentler than copper), but will not work long under high pressure
This minimal spray schedule demands great canopy management! 1-1.5 leaf layers
Sun and wind are the two best fungicides!