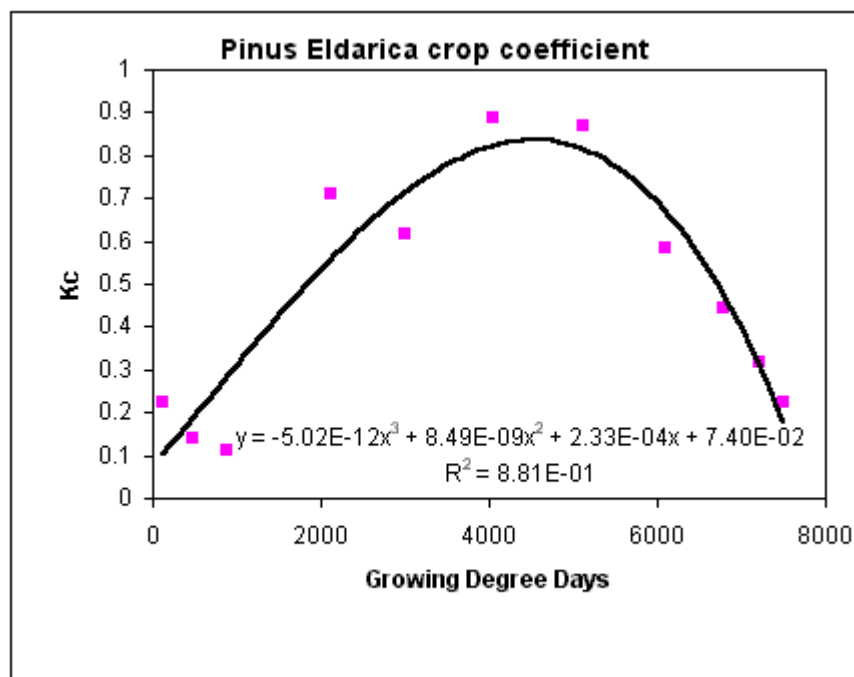


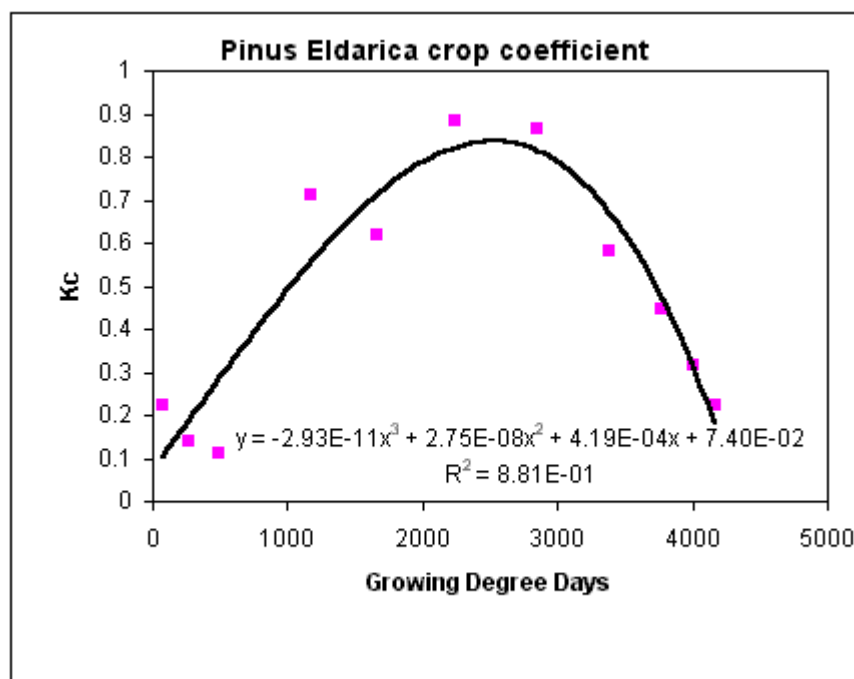
# New Mexico Crop Information

**Pine crop coefficient (k) to calculate evapotranspiration (ET) where  
 $Et=k*Eto$**

Eto = reference evapotranspiration or potential evapotranspiration referenced to grass.



Crop Coefficient for mature pine trees with a closed canopy. Growing degree days were calculated using a base of 41 F and a maximum cutoff of 86 F and minimum cutoff of 41 F. .



Metric units- Crop Coefficient for mature pine trees with a closed canopy. Growing degree days were calculated using with a base of 5C and a maximum cutoff of 30 C and minimum cutoff of 5 C. .

The reference for this work James T. Fisher and Richard W White 1985, Seasonal evapotranspiration, growth and water use efficiency by plantation grown *Pinus Eldarica* Medw. Derived from field and weighting lysimeter studies Technical completion report WRRI No. 193 New Mexico Water Resources Research Institute p1-51