

# Penn State Extension Research Pasture Growth Charts

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This is the second week we can look at Pasture Cover and Pasture growth per day

These charts are from the study across PA Several Penn State County agents are measuring pasture growth on Farms in their county and watching how the growth is different across the state

Pasture Growth/day is the paddocks that increased in growth and then the increase is divided by the days between samples For example, if the average of the paddocks increases 700 lbs this week and there were 7 days between sampling, then the average growth would be 100 lbs per day

Ave Pasture Cover is the average amount of grass that is on the all paddocks measured on the farm As you can see the Average Cover tends to increase thru the spring as the grass grows faster than the herd can consume. When this is happening a faster rotation can be used or take paddocks out for hay/haylage

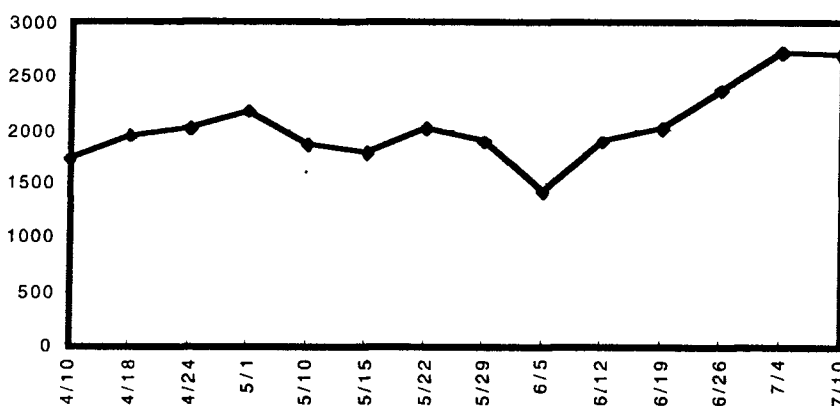
The last chart compares the Pasture cover for each County according to the equal Weeks Notice how the southern counties grow faster and earlier in the early spring

I will have comments about what has affected the charts

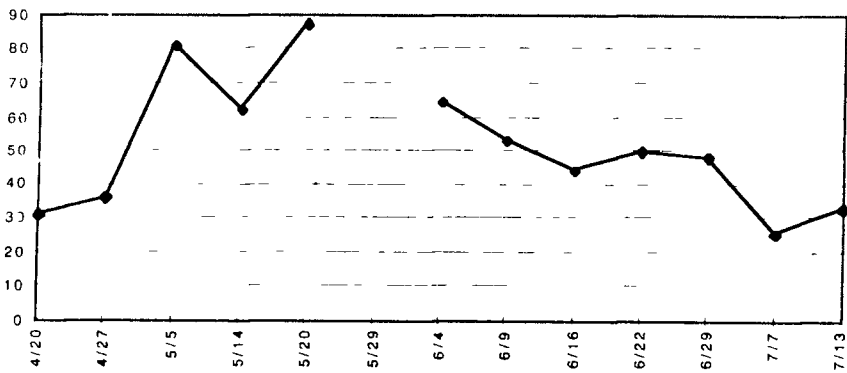
Tioga County. The break in the growth line chart is were the paddocks measured were all grazed and thus there was no growth that week

Somerset County has had humid weather and rain the past weeks like most of us. Notice how Even the cover was thru the spring and may now be growing faster.

**Somerset Ave Pasture Cover**

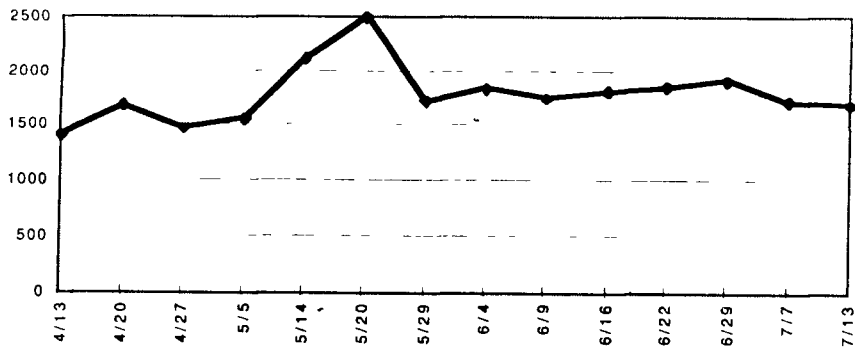


**Tioga Corr. Ave Growth/day**



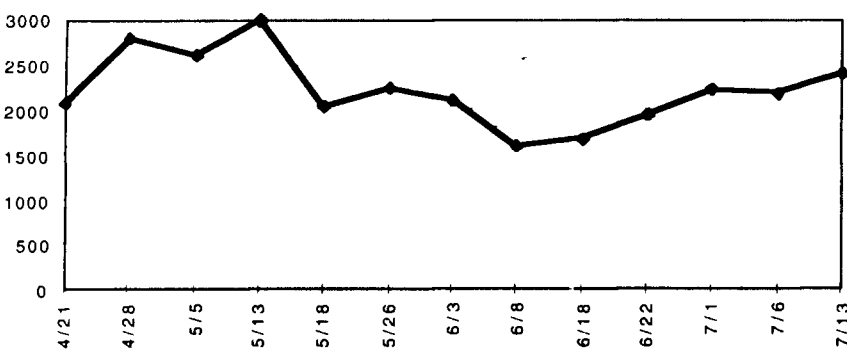
Tioga County, The pasture cover and the Growth per Day has decreased since the farmer has clipped his paddocks This is the first clipping this summer He is still on a two week rotation with his herd

**Tioga Ave Pasture Cover**



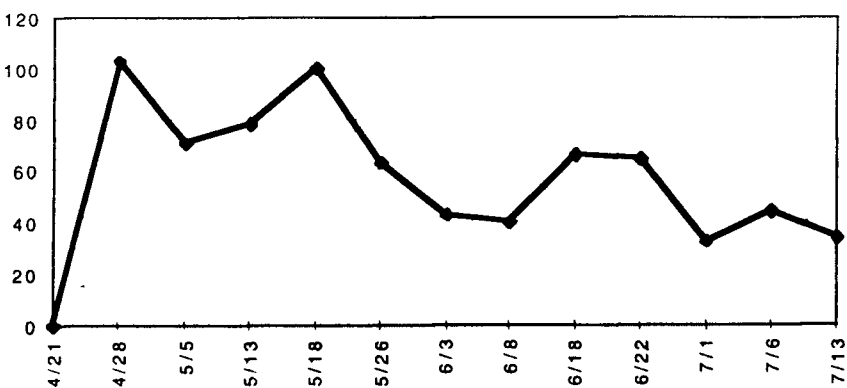
Berks County, The Dry weather continues on this farm and effect on the Ave Cover

**Berks Ave Pasture Cover**

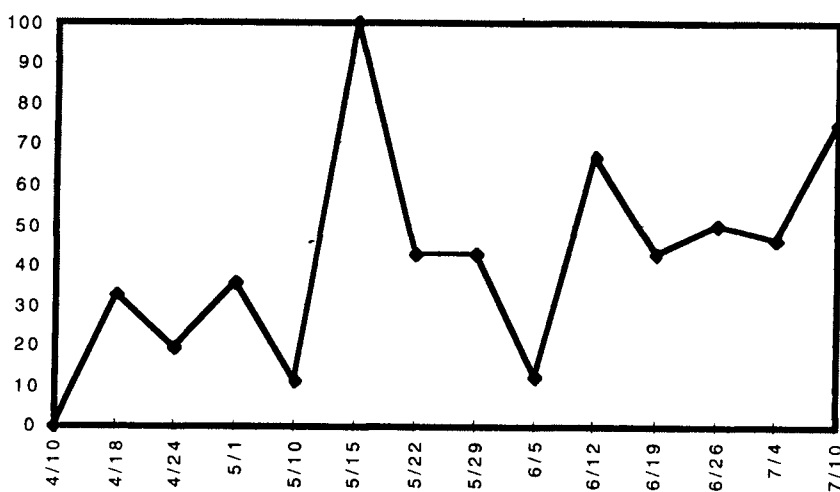


The Berks County Growth/day shows how the dry weather is slowing the growth. Most of May the grass was growing 70-100 lbs a day. Most of the June growth averaged 50 lbs per day. This farm is on soil conditions that may show dryer conditions.

**Berks Pasture Growth/Day**



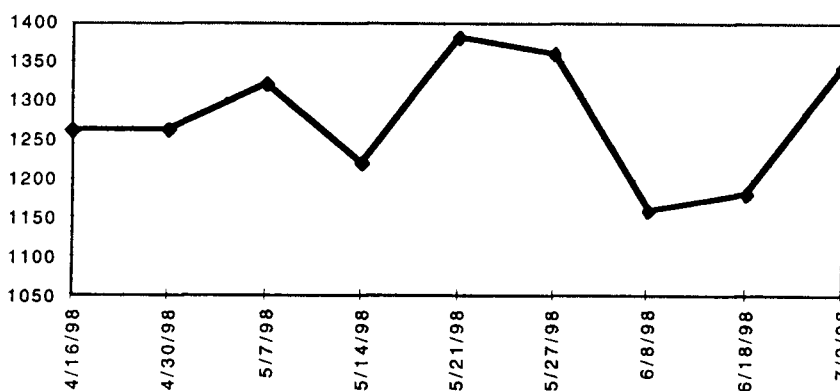
**Somerset Corr. Ave Growth/day**



The pasture growth/day for the past two weeks is the average of all 5 paddocks measured The paddocks on this farm are growing at ~50 lbs per day or 350 lbs per week. A 1-acre paddock could recover 1000 lbs of grazable forage in three weeks if this growth rate continues The spike on May 15th is from only a few paddocks in the average.

Bradford County

**Bradford Pasture Cover**



**Bradford Growth/day**

