

# WEATHER & CROPS

## CROP SUMMARY FOR WEEK ENDING AUGUST 22, 2004

Virginia experienced more rain this week. The State's average accumulative rainfall for the past 7 days was just under 1.5 inches. The average temperature for the week was 73 degrees, which is about normal for this time of year. Days suitable for fieldwork were 4.8. This week's rain combined with the previous weeks of rain created a potential for crop damage. There were some concerns about harvesting mature corn on time; some farmers also worried that late planted soybeans will not develop with lack of dry weather and sunlight. Vegetable crops have suffered from all the rainfall, however, most of the vegetable crop has been harvested before the rains could do significant damage. Despite all the rainstorms, much of Virginia's agriculture is still in good shape. The apple and corn crops are doing well; farmers are reporting excellent yields on corn harvested for silage. Some farmers have begun their 3rd cutting of hay. Pastures for grazing are in good condition. There has been tremendous growth in soybeans. The cotton crop is in good condition with bolls filling out. There has also been very little insect pressure noted in cotton and corn. Other farming activities included selling cattle, reconditioning corn combines, and planting fall vegetables.

### TOPSOIL MOISTURE PERCENT

| Week Ending     | Very Short | Short | Adequate | Surplus |
|-----------------|------------|-------|----------|---------|
| August 22, 2004 | 0          | 9     | 67       | 24      |
| August 15, 2004 | 0          | 5     | 64       | 31      |
| August 8, 2004  | 0          | 8     | 71       | 21      |
| August 1, 2004  | 1          | 9     | 61       | 29      |
| July 25, 2004   | 0          | 14    | 63       | 23      |

### CROP CONDITION PERCENT

| Crop                    | Very Poor | Poor | Fair | Good | Excellent |
|-------------------------|-----------|------|------|------|-----------|
| Pastures                | 0         | 2    | 20   | 60   | 18        |
| Livestock               | 0         | 1    | 9    | 71   | 19        |
| Other Hay               | 0         | 4    | 19   | 58   | 19        |
| Alfalfa Hay             | 0         | 1    | 16   | 62   | 21        |
| Corn for Grain          | 0         | 1    | 6    | 45   | 48        |
| Soybeans                | 0         | 4    | 11   | 52   | 33        |
| Flue-cured Tobacco      | 1         | 2    | 13   | 79   | 5         |
| Burley Tobacco          | 0         | 1    | 35   | 53   | 11        |
| Dark Fire-cured Tobacco | 1         | 3    | 9    | 72   | 15        |
| Peanuts                 | 0         | 0    | 21   | 31   | 48        |
| Cotton                  | 0         | 0    | 12   | 31   | 57        |
| All Apples              | 5         | 0    | 75   | 20   | 0         |
| Grapes                  | 2         | 1    | 5    | 92   | 0         |

### CROP PROGRESS PERCENT - WITH COMPARISONS

| Crop                               | This Week | Last Week | Last Year | 5 Year Average |
|------------------------------------|-----------|-----------|-----------|----------------|
| Corn for Grain Dough               | 96        | 90        | 72        | 76             |
| Corn for Grain Dent                | 69        | 52        | 43        | 52             |
| Corn for Grain Mature              | 34        | 15        | 10        | 24             |
| Corn Silage Harvested              | 36        | 17        | 13        | 14             |
| Soybeans Setting Pods              | 88        | 73        | 51        | 55             |
| Soybean Dropping Leaves            | 2         | NA        | NA        | NA             |
| Tobacco, Flue-Cured Harvested      | 46        | 37        | 28        | 29             |
| Tobacco, Burley Harvested          | 12        | 7         | 6         | 11             |
| Tobacco, Dark Fire-Cured Harvested | 64        | 45        | 27        | 35             |
| Tobacco, Sun Harvested             | 63        | 54        | 24        | 30             |
| Cotton Bolls Opening               | 48        | 38        | 0         | 9              |
| Summer Potatoes Harvested          | 96        | 89        | 100       | 99             |
| Summer Apples Harvested            | 97        | 84        | 92        | 91             |
| Fall Apples Harvested              | 2         | NA        | 5         | 4              |
| Peaches Harvested                  | 88        | 70        | 88        | 81             |

**WEATHER SUMMARY FOR THE WEEK ENDING AUGUST 22, 2004**

| WEATHER STATION     | TEMPERATURE (degrees Fahrenheit) |    |         |                       | PRECIPITATION (inches) |                       |      |
|---------------------|----------------------------------|----|---------|-----------------------|------------------------|-----------------------|------|
|                     | HI                               | LO | Average | Departure From Normal | TOTAL                  | Departure From Normal | Days |
| <b>NORTHERN</b>     |                                  |    |         |                       |                        |                       |      |
| Woodstock           | 92                               | 55 | 72      | -2                    | 0.52                   | -0.18                 | 2    |
| The Plains          | 89                               | 54 | 72      | -3                    | 0.47                   | -0.37                 | 4    |
| Winchester 7 SE     | 92                               | 55 | 72      | -1                    | 0.75                   | -0.02                 | 4    |
| Dale Enterprise     | 89                               | 55 | 71      | -1                    | 1.27                   | 0.49                  | 6    |
| <b>WESTERN</b>      |                                  |    |         |                       |                        |                       |      |
| Glasgow             | 92                               | 57 | 74      | 0                     | 0.34                   | -0.36                 | 2    |
| Roanoke AP          | 91                               | 57 | 75      | 2                     | 0.42                   | -0.49                 | 3    |
| Waynesboro          | 89                               | 56 | 72      | 2                     | 1.19                   | 0.35                  | 6    |
| Staunton AG         | 86                               | 51 | 70      | -1                    | 0.19                   | -0.65                 | 2    |
| <b>CENTRAL</b>      |                                  |    |         |                       |                        |                       |      |
| Somerset            | 90                               | 57 | 73      | -2                    | 1.09                   | 0.15                  | 5    |
| Piedmont Res ST     | 90                               | 57 | 74      | -1                    | 0.16                   | -0.78                 | 3    |
| Bremo Bluff         | 93                               | 54 | 74      | -1                    | 0.22                   | -0.74                 | 4    |
| Richmond AP         | 91                               | 63 | 76      | -1                    | 2.68                   | 1.72                  | 4    |
| <b>EASTERN</b>      |                                  |    |         |                       |                        |                       |      |
| Eastville           | 89                               | 65 | 76      | 0                     | 2.13                   | 1.29                  | 3    |
| Wallops Island      | 87                               | 62 | 75      | -3                    | 2.76                   | 1.99                  | 4    |
| Williamsburg        | 90                               | 63 | 77      | 1                     | 2.68                   | 1.63                  | 3    |
| Keysville           | 90                               | 60 | 74      | -1                    | 1.86                   | 0.95                  | 7    |
| <b>SOUTHWESTERN</b> |                                  |    |         |                       |                        |                       |      |
| Blacksburg AG       | 85                               | 50 | 68      | -2                    | 0.91                   | 0.07                  | 3    |
| Wytheville          | 86                               | 50 | 67      | -3                    | 0.92                   | 0.17                  | 3    |
| Saltville           | 85                               | 55 | 70      | -2                    | 0.71                   | -0.13                 | 3    |
| Richlands           | 86                               | 55 | 68      | 4                     | 0.45                   | -0.39                 | 5    |
| <b>SOUTHERN</b>     |                                  |    |         |                       |                        |                       |      |
| Stuart              | 90                               | 59 | 73      | 1                     | 0.80                   | -0.23                 | 4    |
| Danville AG         | 93                               | 61 | 75      | -2                    | 1.43                   | 0.59                  | 4    |
| Chatham             | 89                               | 58 | 73      | -1                    | 1.40                   | 0.56                  | 6    |
| Martinsville        | 88                               | 57 | 72      | -2                    | 1.44                   | 0.60                  | 6    |
| <b>SOUTHEASTERN</b> |                                  |    |         |                       |                        |                       |      |
| Norfolk VA          | 91                               | 64 | 77      | 0                     | 2.13                   | 1.08                  | 3    |
| Oceana              | 92                               | 61 | 77      | 0                     | 3.29                   | 2.03                  | 2    |
| Emporia             | 89                               | 63 | 75      | 0                     | 2.49                   | 1.46                  | 5    |
| Newport News        | 94                               | 64 | 79      | 3                     | 3.09                   | 2.04                  | 2    |

Departure from Normal based on 1961-90 Normals.

Precipitation Days=Days with precip of 0.01 inch or more.