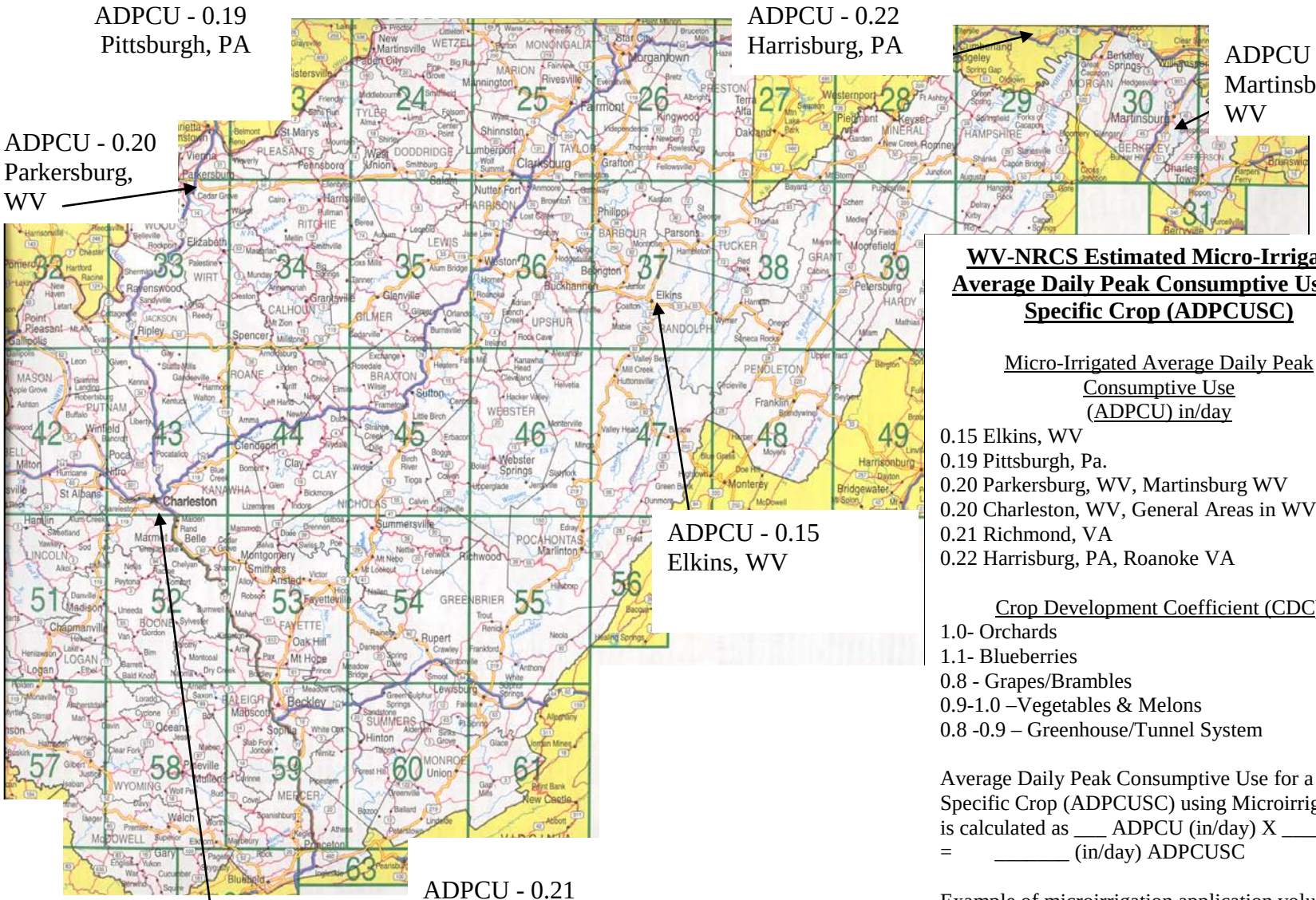
| U.S. DEPARTMENT OF AGRICULTURE<br>Natural Resources Conservation Service | **Irrigation System, Microirrigation (441)**<br>**Estimated Average Daily Peak Consumptive Use Map for Specific Micro-Irrigated Crops (ADPCUSC)**<br>**_____ Operator Name, _____ County** | WVENG WS441-A<br>6/08 |
|---|---|---|




**WV-NRCS Estimated Micro-Irrigated Average Daily Peak Consumptive Use for Specific Crop (ADPCUSC)**

Micro-Irrigated Average Daily Peak Consumptive Use (ADPCU) in/day

0.15 Elkins, WV
0.19 Pittsburgh, Pa.
0.20 Parkersburg, WV, Martinsburg WV
0.20 Charleston, WV, General Areas in WV
0.21 Richmond, VA
0.22 Harrisburg, PA, Roanoke VA

Crop Development Coefficient (CDC)

1.0- Orchards
1.1- Blueberries
0.8 - Grapes/Brambles
0.9-1.0 –Vegetables & Melons
0.8 -0.9 – Greenhouse/Tunnel System

Average Daily Peak Consumptive Use for a Specific Crop (ADPCUSC) using Microirrigation is calculated as ___ ADPCU (in/day) X ____CDC = _____ (in/day) ADPCUSC

Example of microirrigation application volume for Blueberries in Martinsburg =
0.2 in/day x 1.1 = 0.22 in/day ADPCUSC

| | | |
|---|---|---|
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