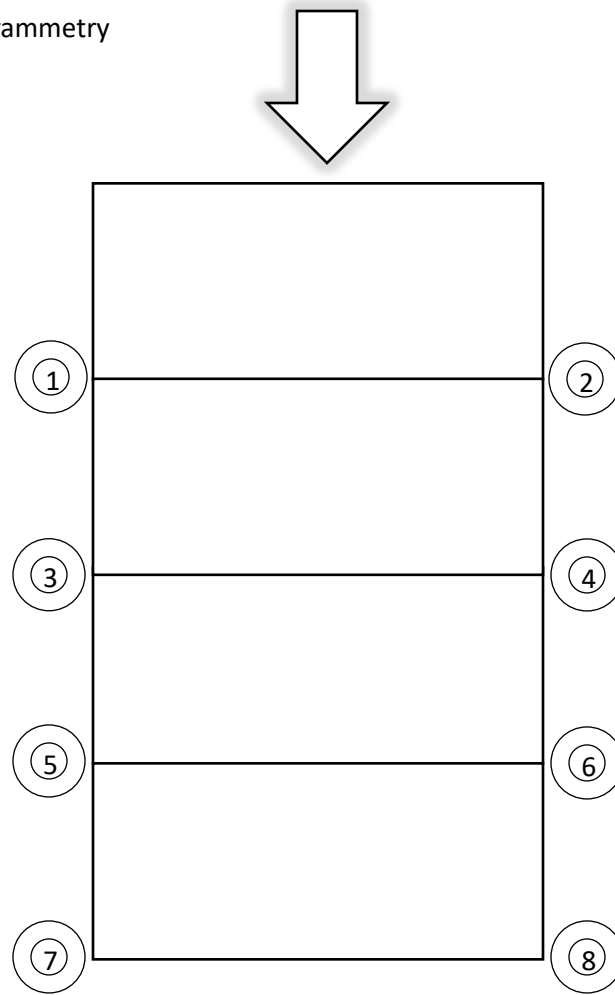


## Nikon D610 Stereophotogrammetry

### 1. Marker Location



Each panel is 3' x 2'. There are four panels. Arrow marks direction of wind when used. Camera 1 was upwind. Camera 2 was downwind.

The first panel is the ignition zone and excluded from the photographs.

The last panel (Marker 5,6,7,8) was not always 3' x 2'. Often markers 7,8 were moved closer toward 5,6 because the needles were not spread across the last panel in effort to focus more of the flaming around the plants.

Burn 1-5 needles only (no 3D photos)

Burn 6-13 pre burn photos only

Burn 14+ pre and post burn photos

Burn 26 needle only (no 3D photos)

Burn 27 needle only (no 3D photos)

Burn 39 pre only

Burn 40 (no 3D photos)

Refer to spreadsheet for detailed plant information, wind vs no wind, and more.

Analysis was attempted on the stereo imagery by Eva Louise Loudermilk and it was determined that the small size of the plants precluded extracting 3D information from the stereo pairs. As a result, no photos were taken for wind tunnel burns WT50 to WT97.