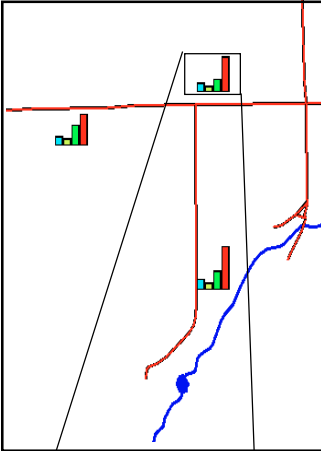


---

## Points: Bar Graph

Query generates data dependent bar graph with color that varies from crop to crop. Change *yields* to values appropriate for your data.



```
#Bar Graph of Crop Yield at each point
LineStyleDropAnchor(0) # center of symbol
# yield values are converted to lbs and scaled down for
# display color of bar is set for each of the crops
numofcrops = 4
array BarLength[4],red[4],green[4],blue[4]
BarLength[1] = yield.wheat * .14
red[1] = 25 green[1] = 28 blue[1] = 255 #cyan
BarLength[2] = yield.oats * .075
red[2] = 200 green[2] = 245 blue[2] = 25 # yellow
BarLength[3] = yield.haydry * 5
red[3] = 25 green[3] = 255 blue[3] = 25 # green
BarLength[4] = yield.haywet * 5
red[4] = 255 green[4] = 0 blue[4] = 0 # red
```

```
#draw vertical bars
```

```
thickness =4
underline = thickness + 2
LineStyleSetCapJoinType(1,1)
```

```
for crop = 1 to numofcrops step 1 {
  if (BarLength[crop]>0) {
    LineStyleMoveTo(0,(crop -1)*underline)
    #move bottom to the right
```

```
#draw black line first
```

```
LineStyleSetLineWidth(underline)
LineStyleSetColor(0,0,0)
LineStyleLineTo(90,BarLength[crop]+2)
```

```
#restore start position for colored line
```

```
LineStyleMoveToAnchor(0)
LineStyleMoveTo(0,(crop -1)*underline)
LineStyleMoveTo(90,1)
```

```
#draw colored line over black
```

```
LineStyleSetLineWidth(thickness)
LineStyleSetColor(red[crop],green[crop],blue[crop])
LineStyleLineTo(90,BarLength[crop])
LineStyleMoveToAnchor(0)
```

```
}
}
```

