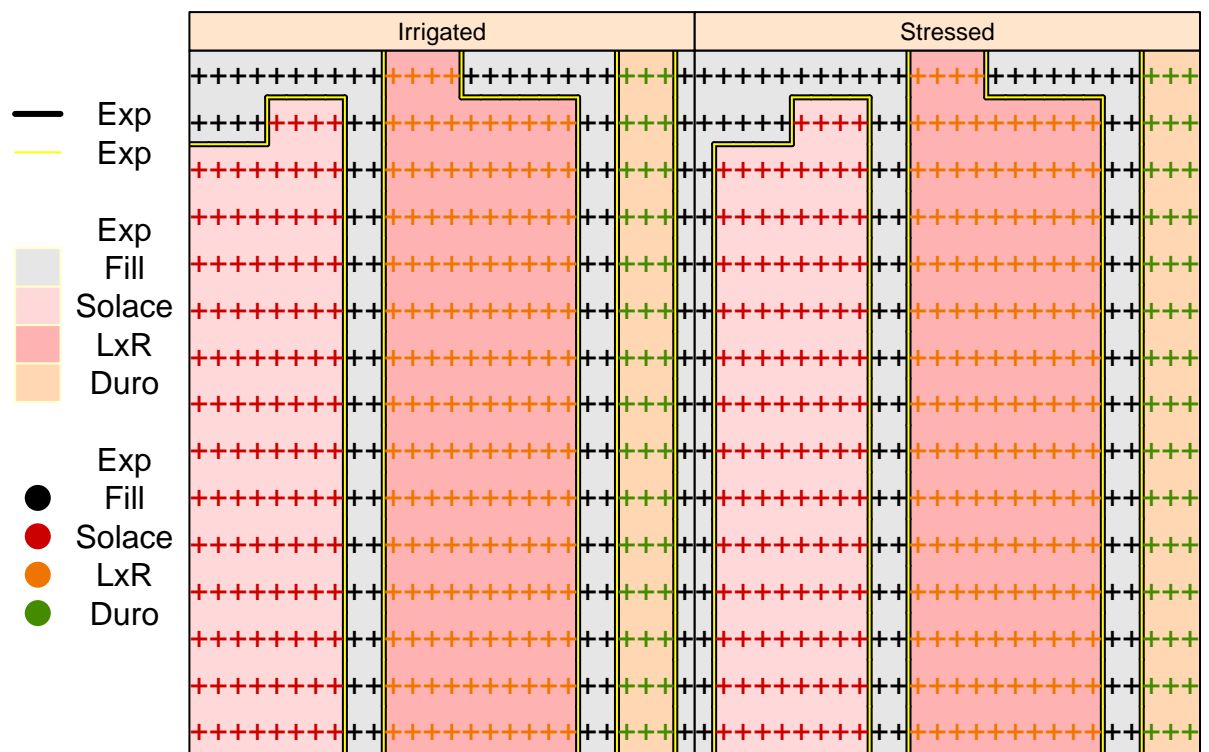


Multispectral Index

```
#importing dataset
#Add DAS / AGDD /
#Separating experiments
```

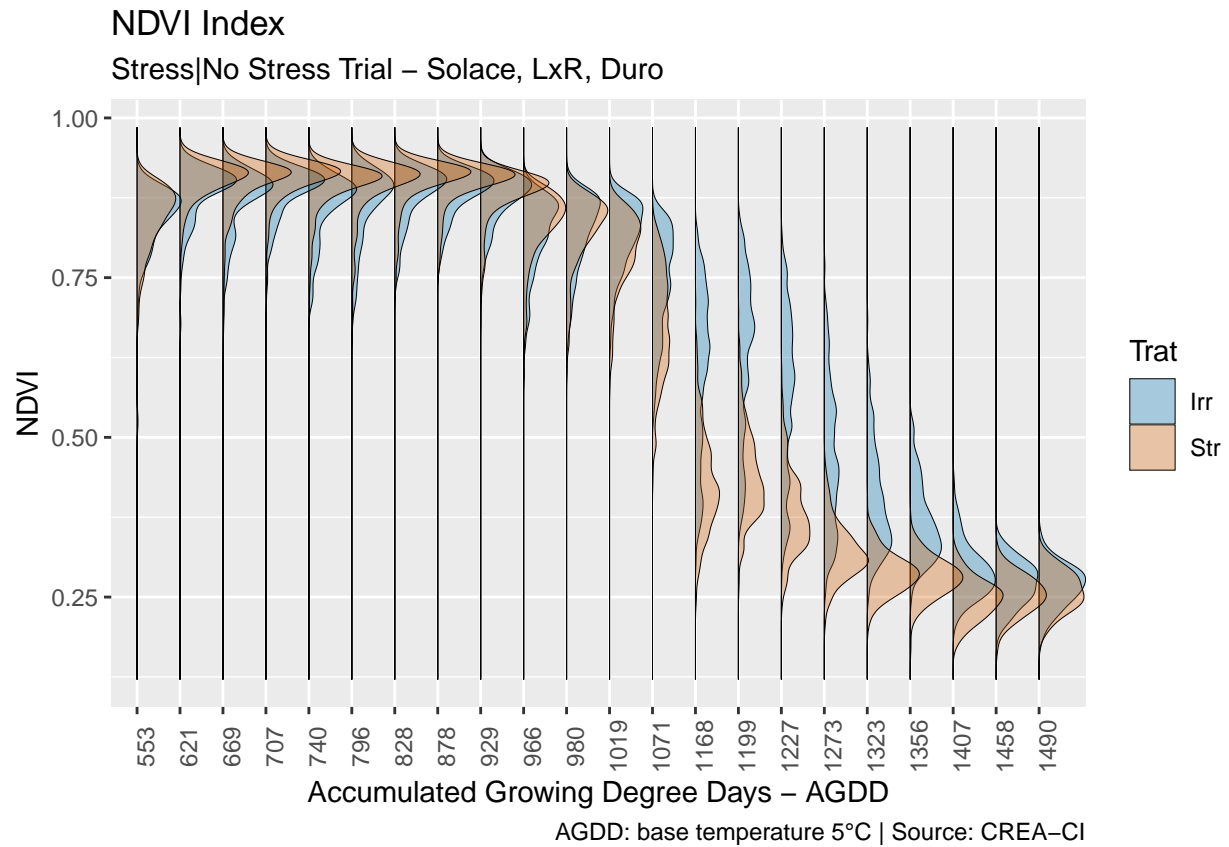
Field Map – Drought Trial (2020/21)



```
#Field Map
```

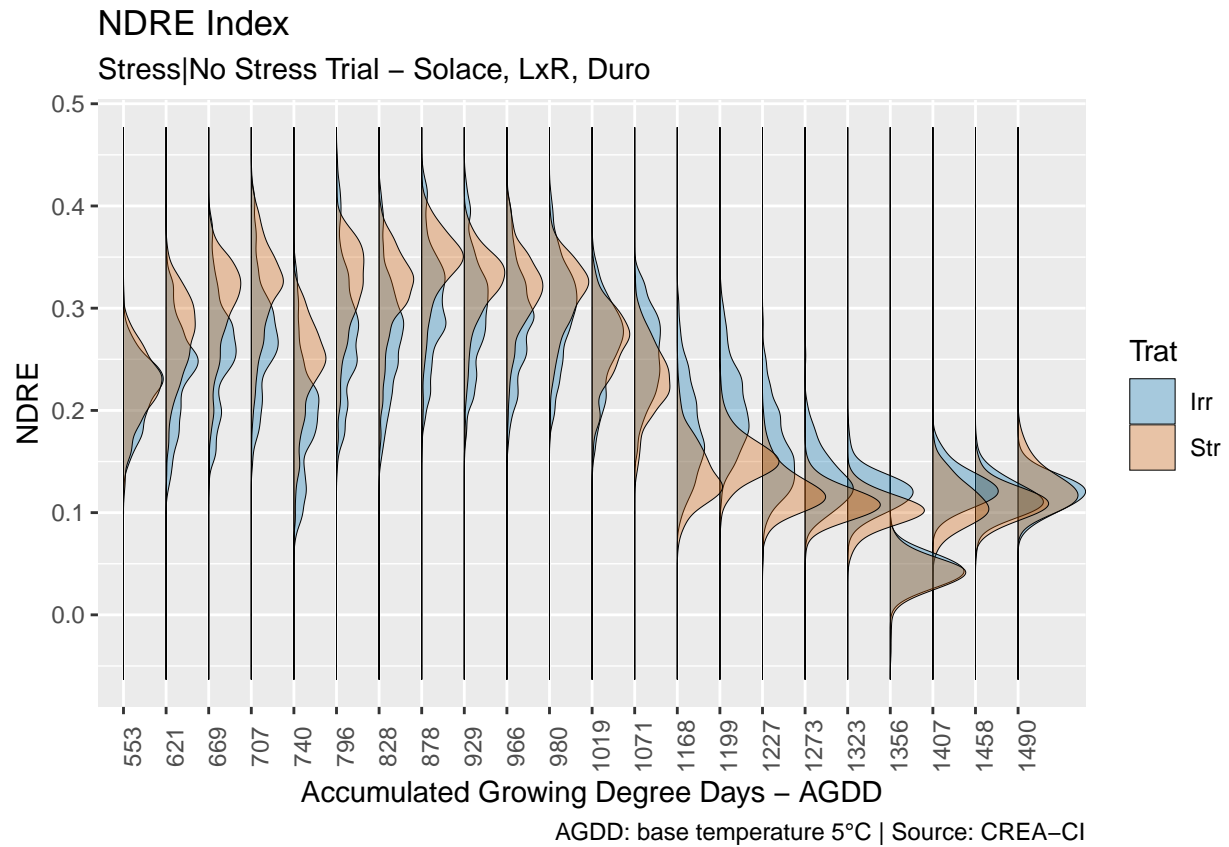
Density plot - Irrigated (Irr) & No Irrigated (Str)

```
## Picking joint bandwidth of 0.0134
```



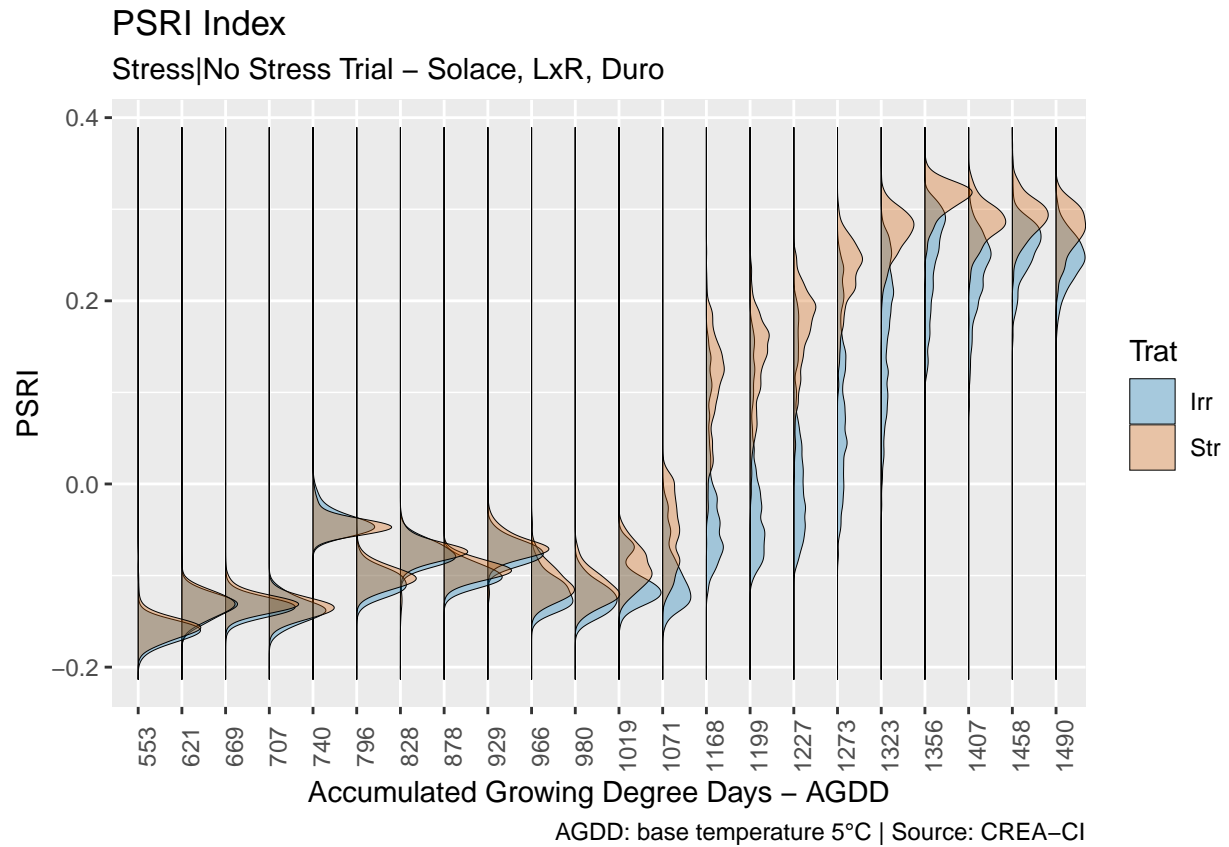
```
## Saving 6.5 x 4.5 in image
## Picking joint bandwidth of 0.0134

## Picking joint bandwidth of 0.00905
```



```
## Saving 6.5 x 4.5 in image
## Picking joint bandwidth of 0.00905

## Picking joint bandwidth of 0.00712
```

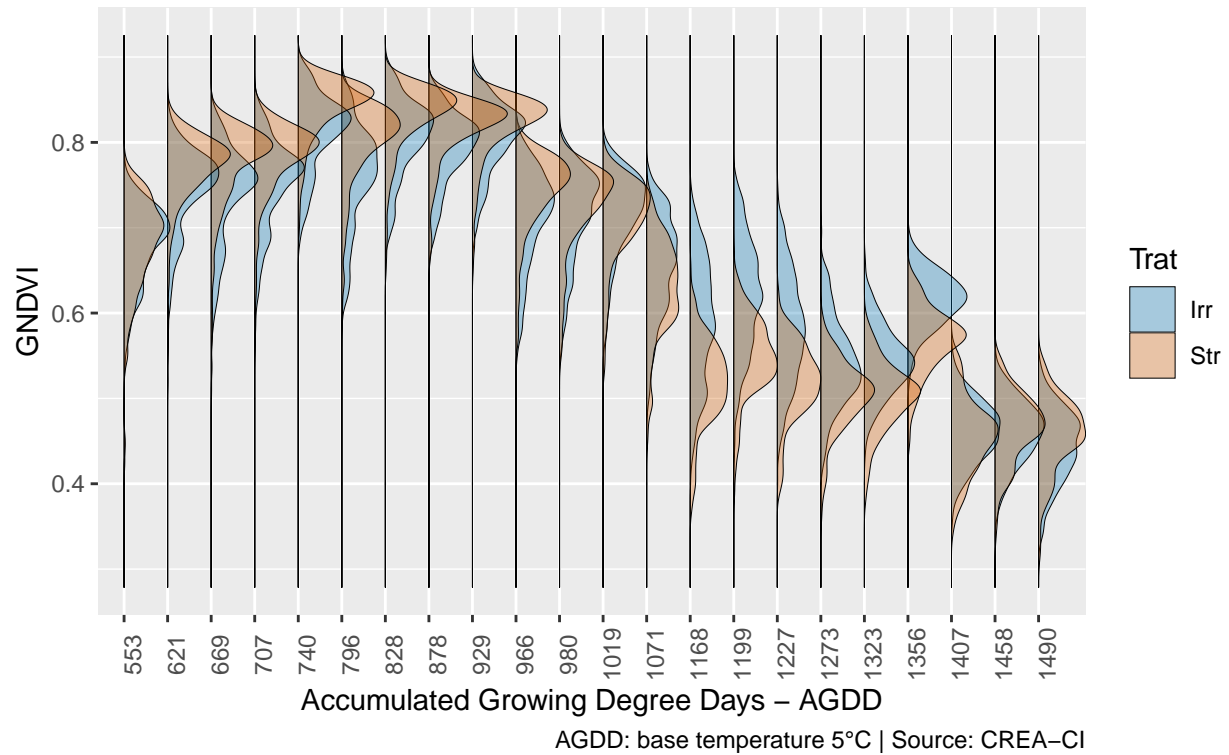


```
## Saving 6.5 x 4.5 in image
## Picking joint bandwidth of 0.00712

## Picking joint bandwidth of 0.0114
```

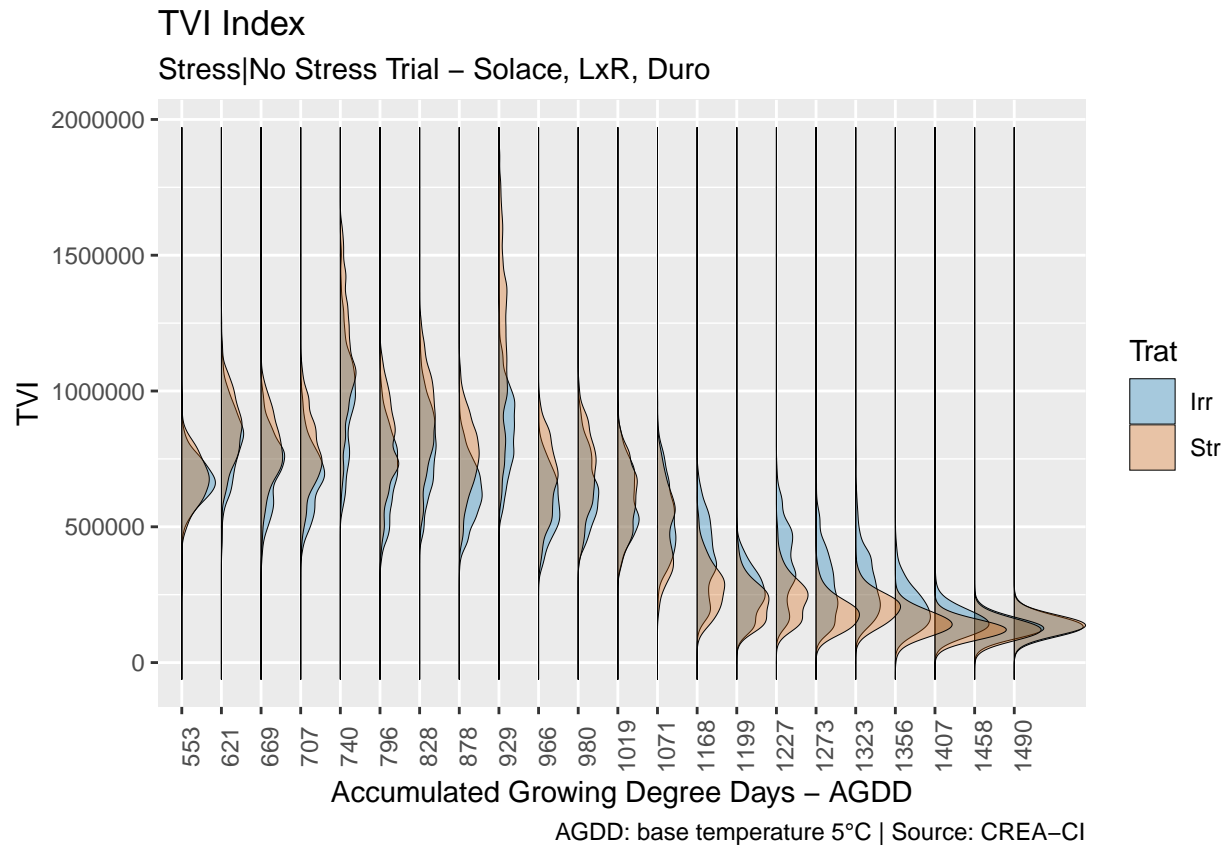
GNDVI Index

Stress|No Stress Trial – Solace, LxR, Duro



```
## Saving 6.5 x 4.5 in image
## Picking joint bandwidth of 0.0114
```

```
## Picking joint bandwidth of 30000
```

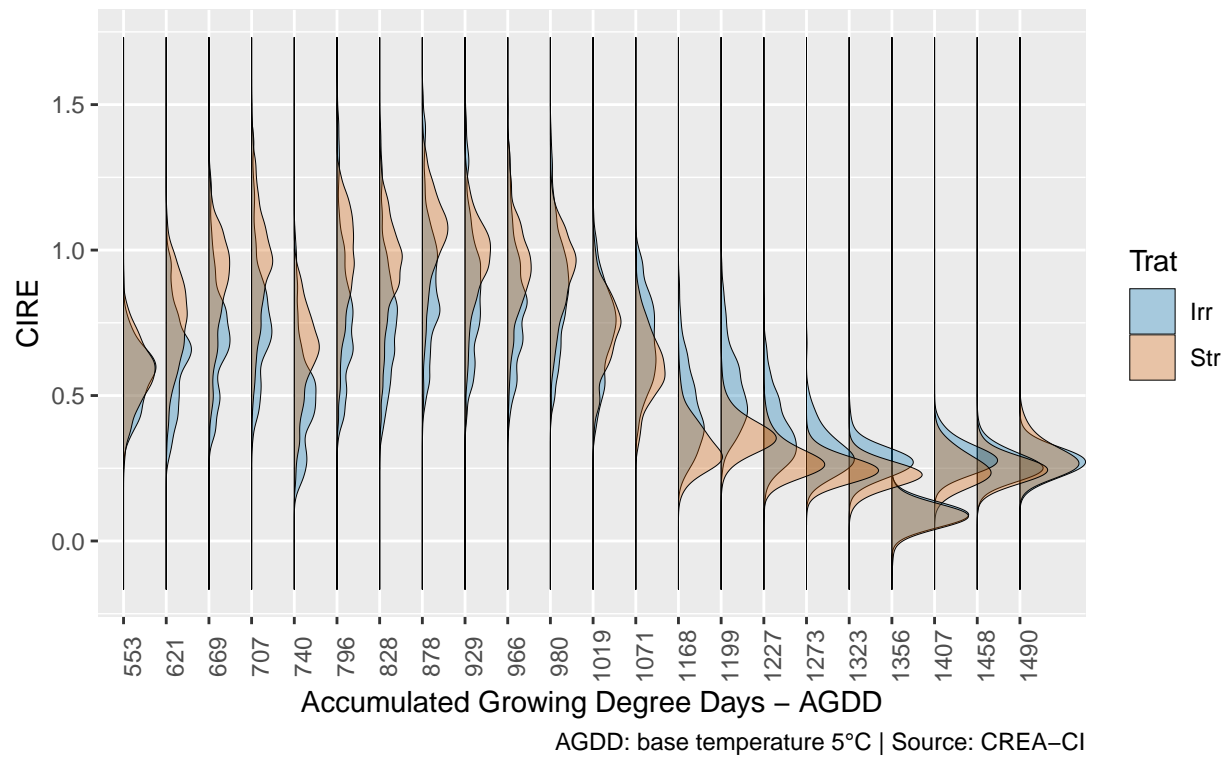


```
## Saving 6.5 x 4.5 in image
## Picking joint bandwidth of 30000

## Picking joint bandwidth of 0.0323
```

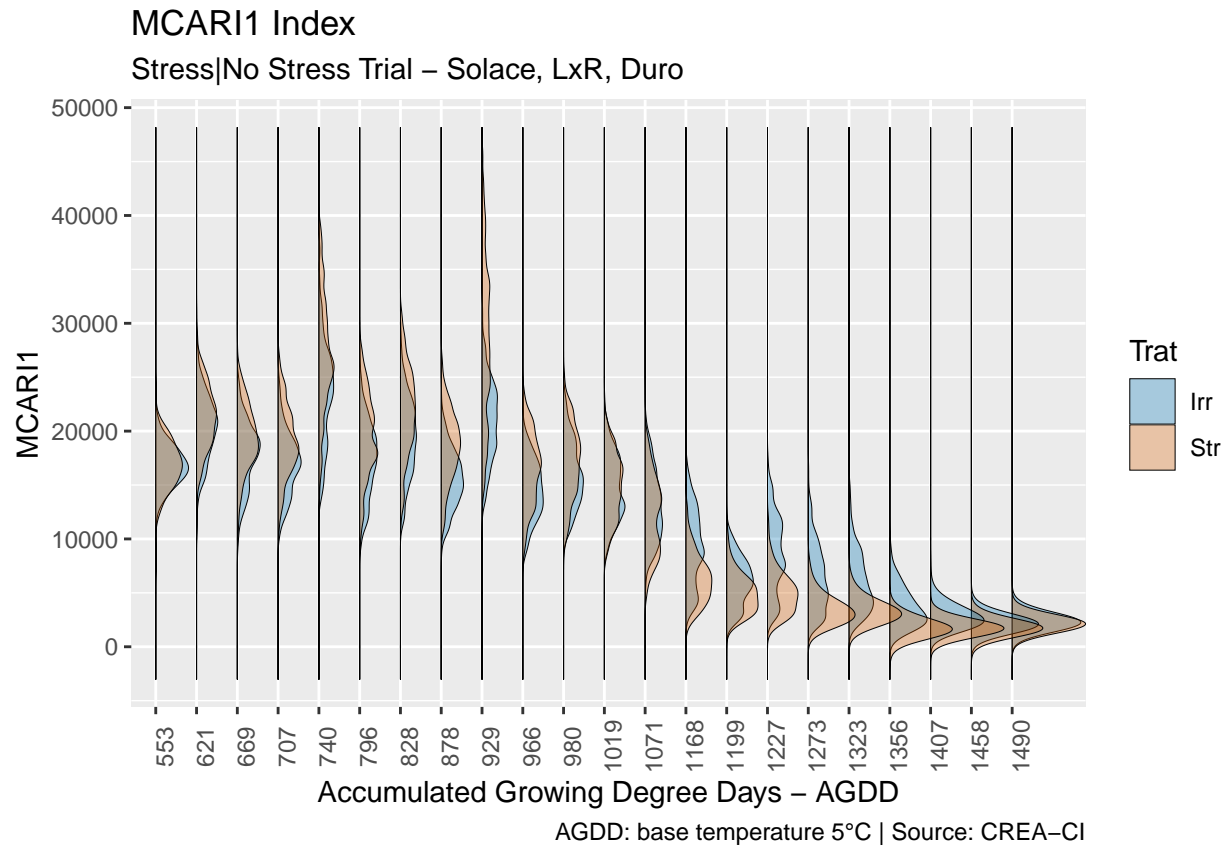
CIRE Index

Stress|No Stress Trial – Solace, LxR, Duro



```
## Saving 6.5 x 4.5 in image
## Picking joint bandwidth of 0.0323
```

```
## Picking joint bandwidth of 737
```

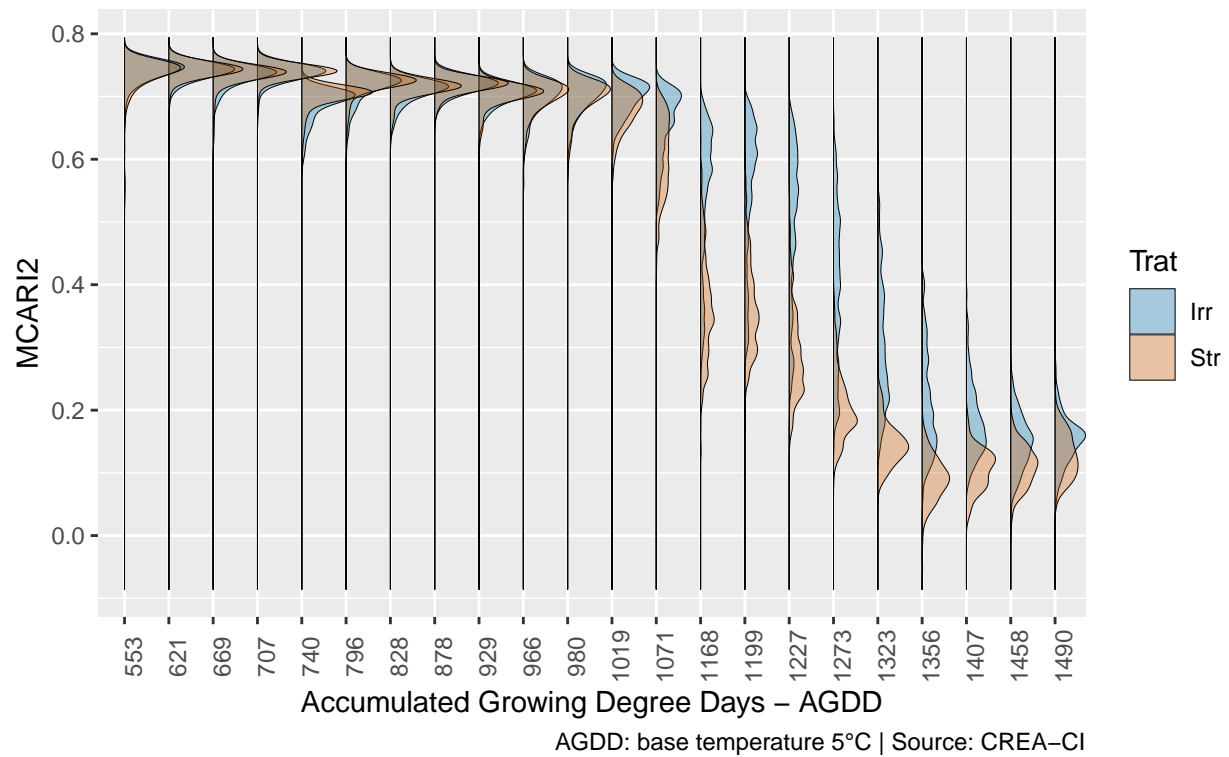


```
## Saving 6.5 x 4.5 in image
## Picking joint bandwidth of 737

## Picking joint bandwidth of 0.0104
```


MCARI2 Index

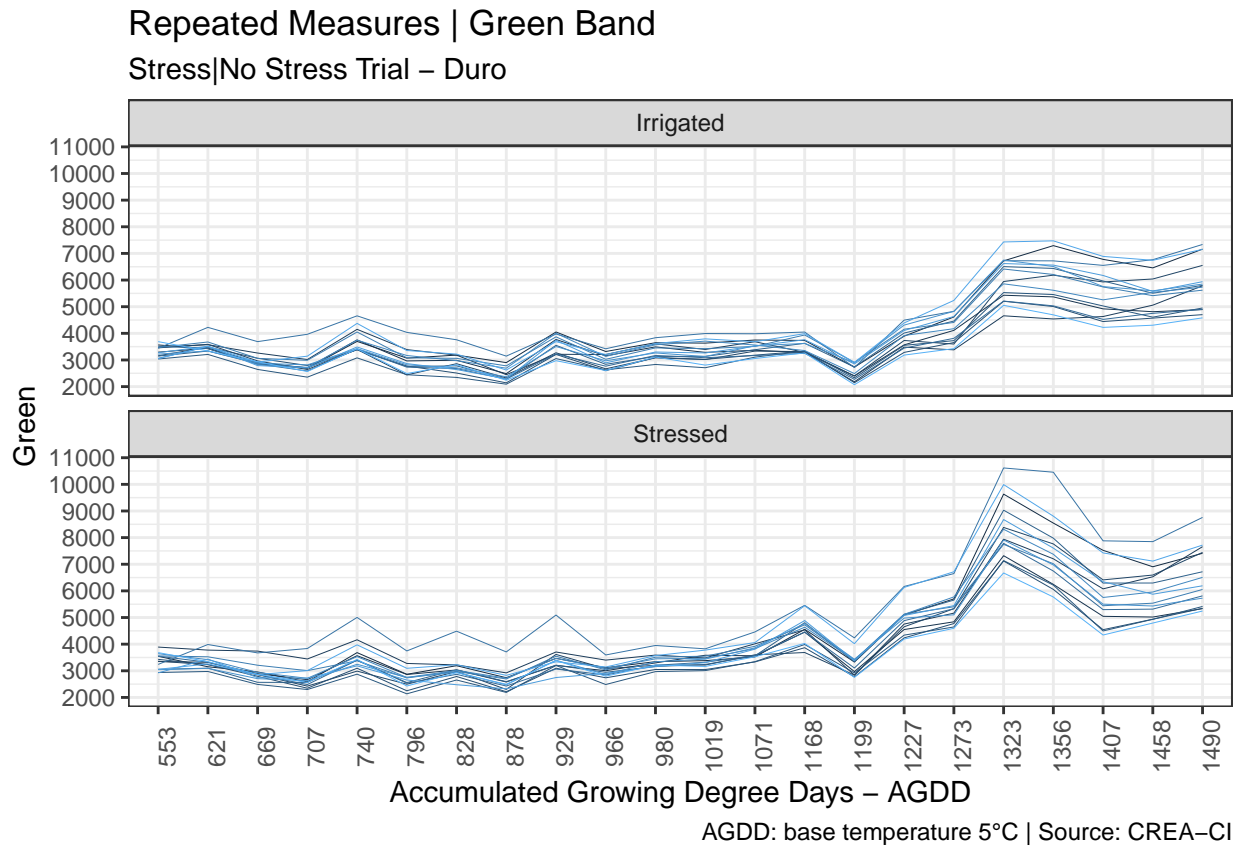
Stress|No Stress Trial – Solace, LxR, Duro



```
## Saving 6.5 x 4.5 in image
## Picking joint bandwidth of 0.0104
```

Rain Cloud Plot

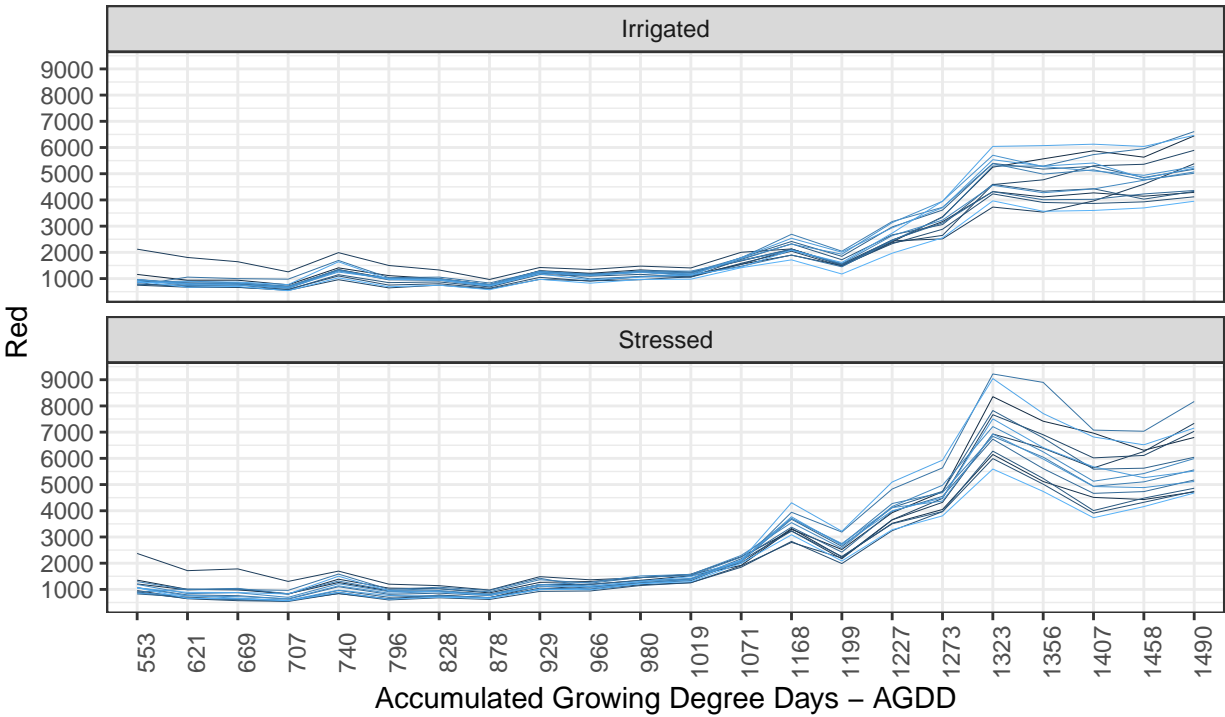
Plot Longitudinal - Duro



Saving 6.5 x 4.5 in image

Repeated Measures | Red Band

Stress|No Stress Trial – Duro

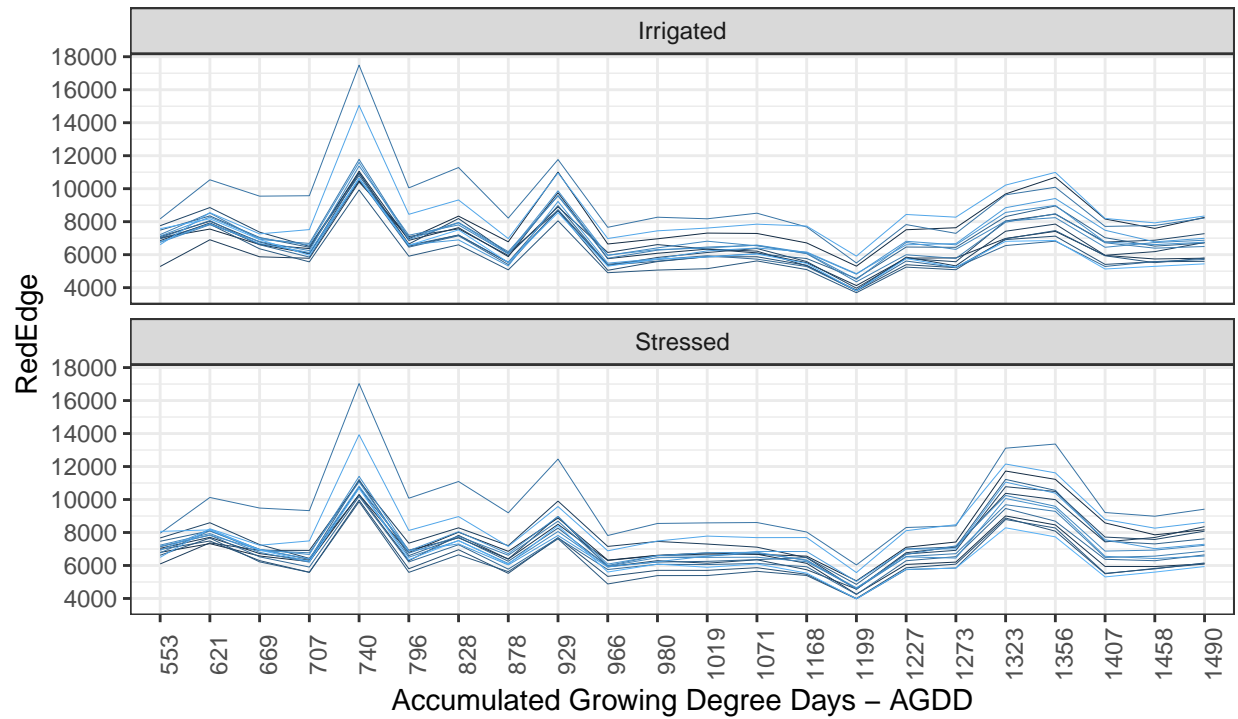


AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

Repeated Measures | Red Edge Band

Stress|No Stress Trial – Duro

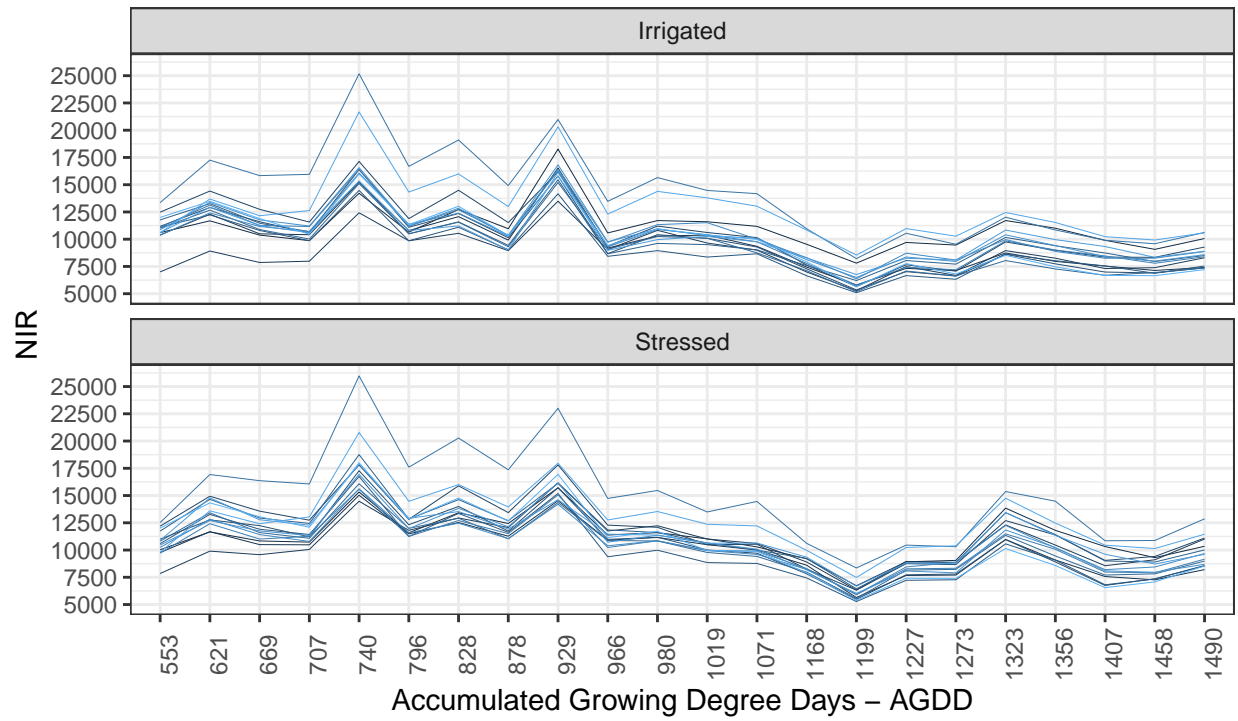


AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

Repeated Measures | NIR Band

Stress|No Stress Trial – Duro

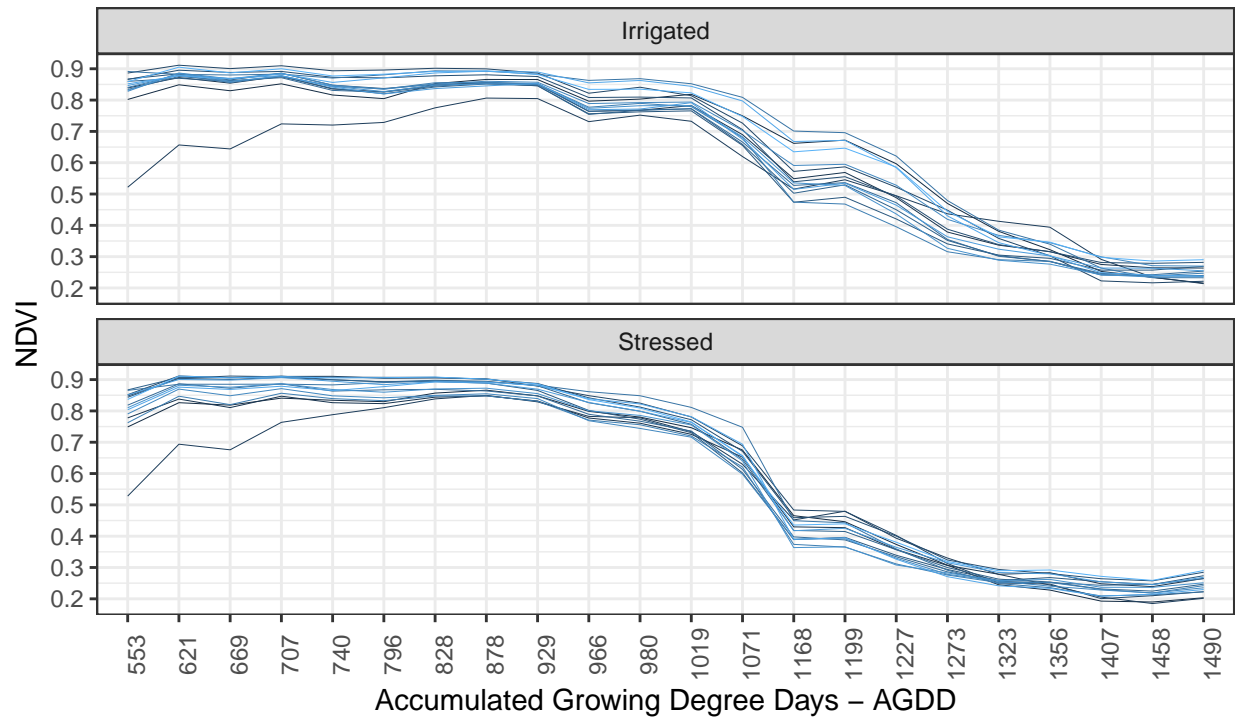


AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

Repeated Measures | NDVI Index

Stress|No Stress Trial – Duro

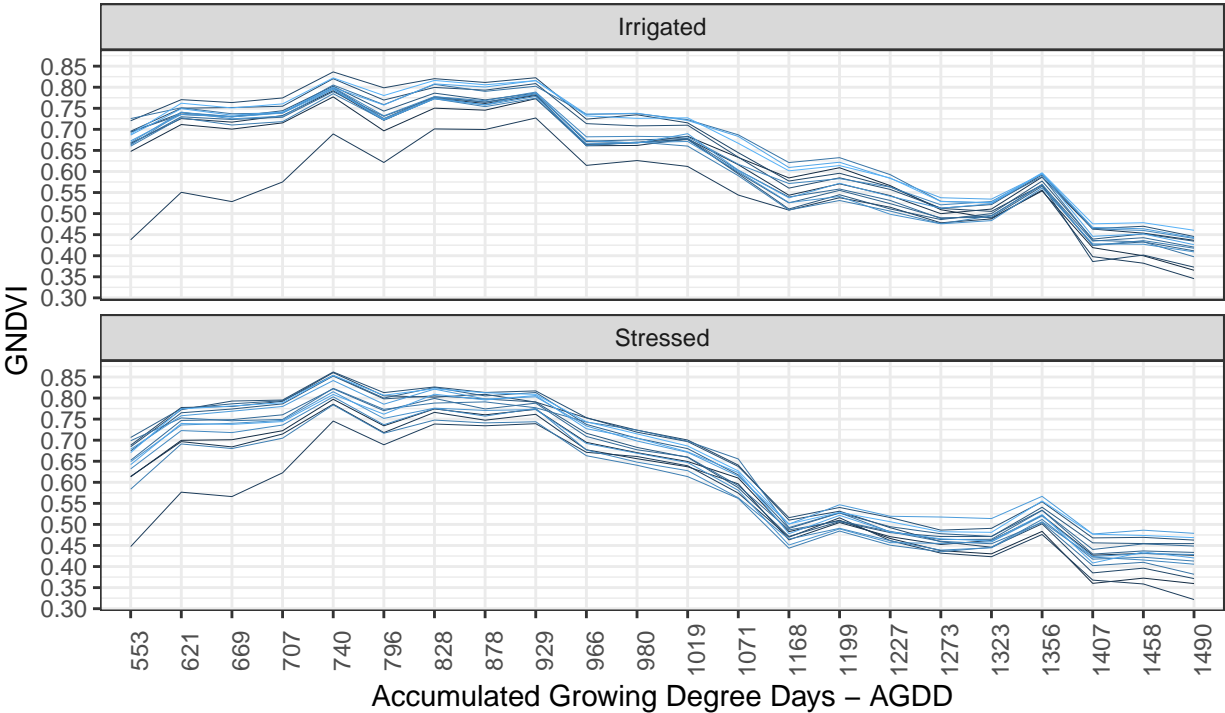


AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

Repeated Measures | GNDVI Index

Stress|No Stress Trial – Duro

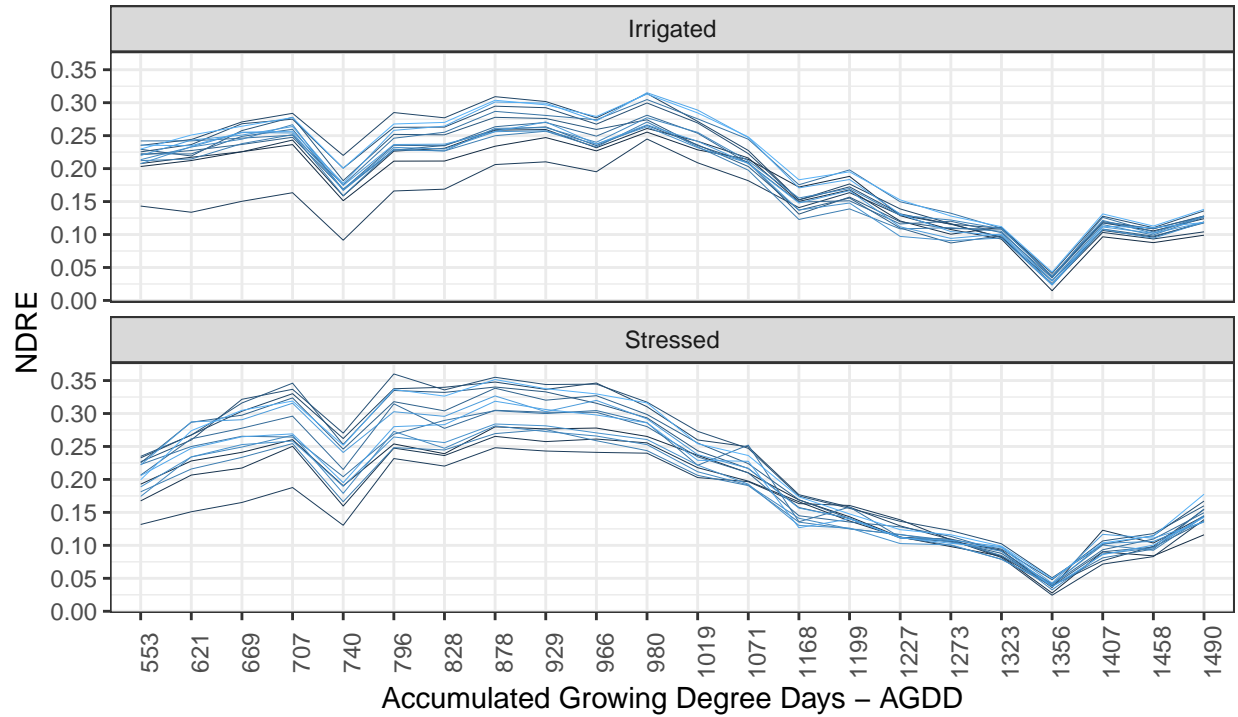


AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

Repeated Measures | NDRE Index

Stress|No Stress Trial – Duro

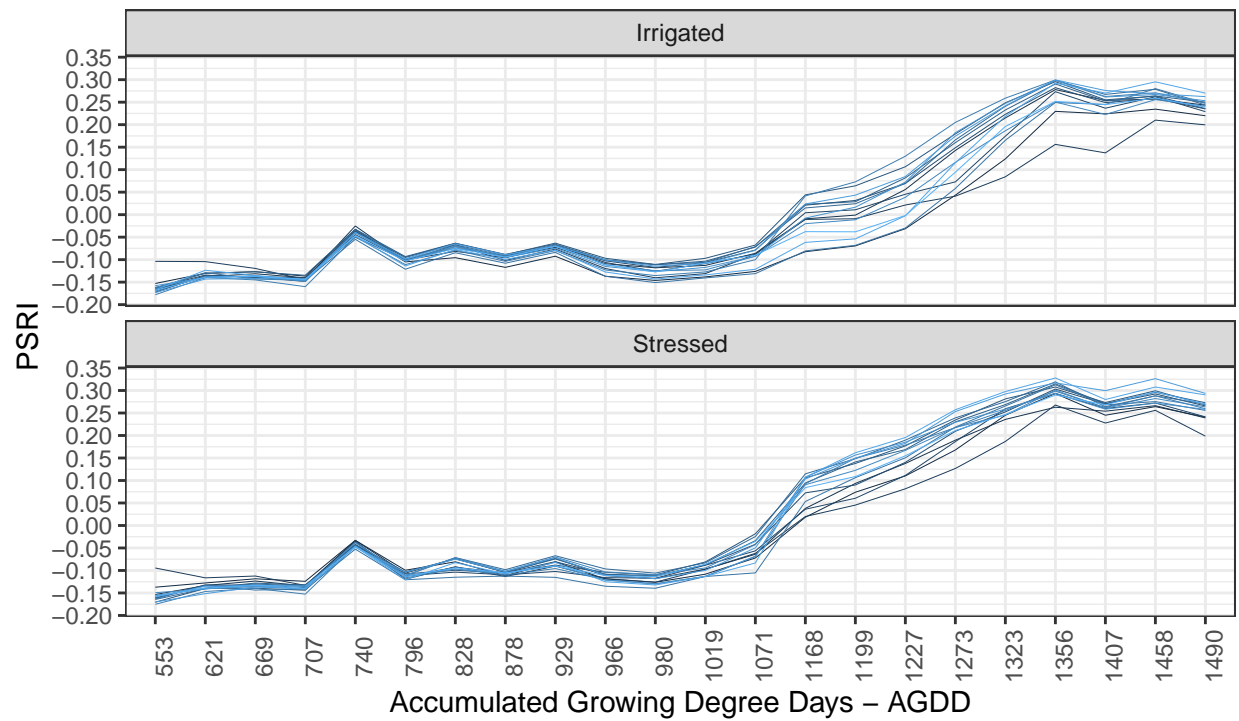


AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

Repeated Measures | PSRI Index

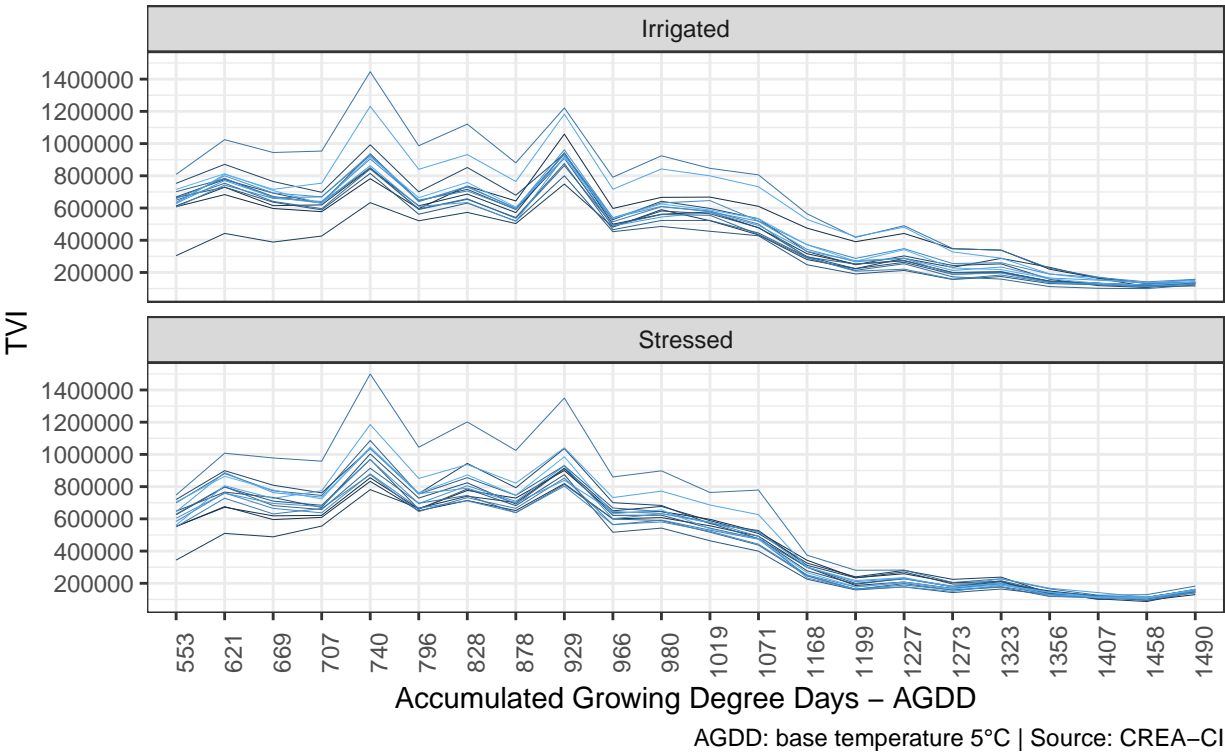
Stress|No Stress Trial – Duro



AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

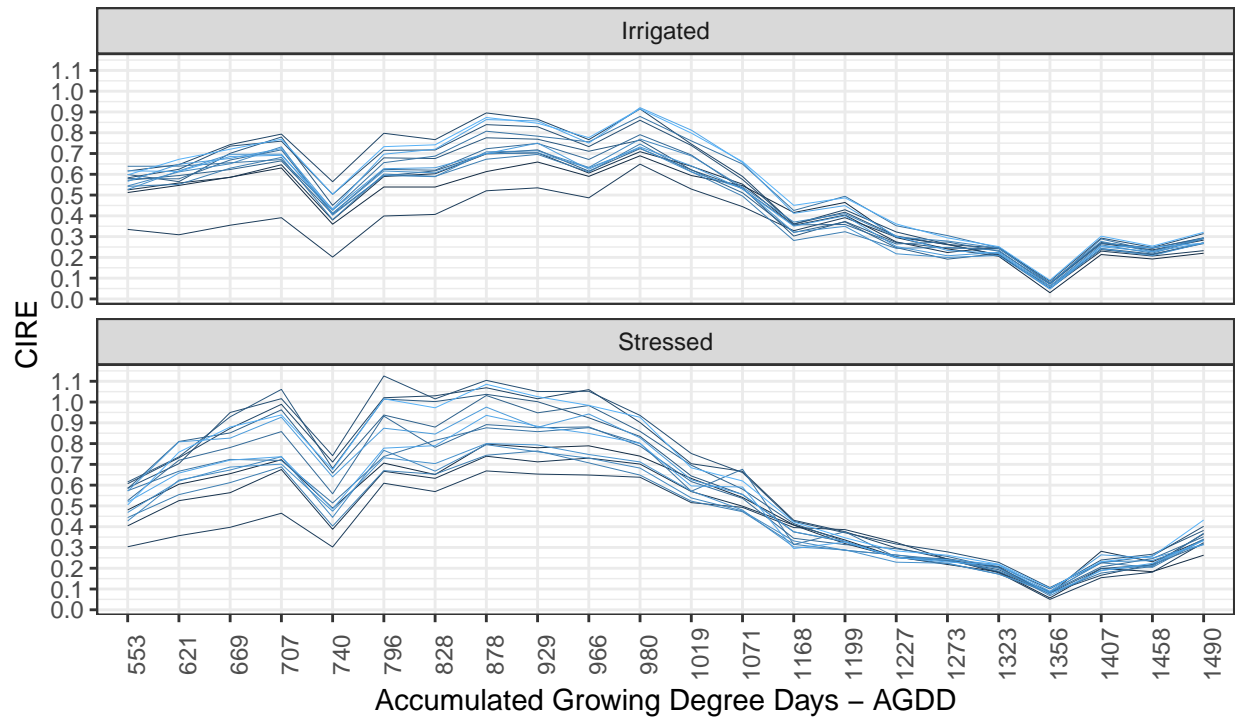
Repeated Measures | TVI Index
Stress|No Stress Trial – Duro



Saving 6.5 x 4.5 in image

Repeated Measures | CIRE Index

Stress|No Stress Trial – Duro

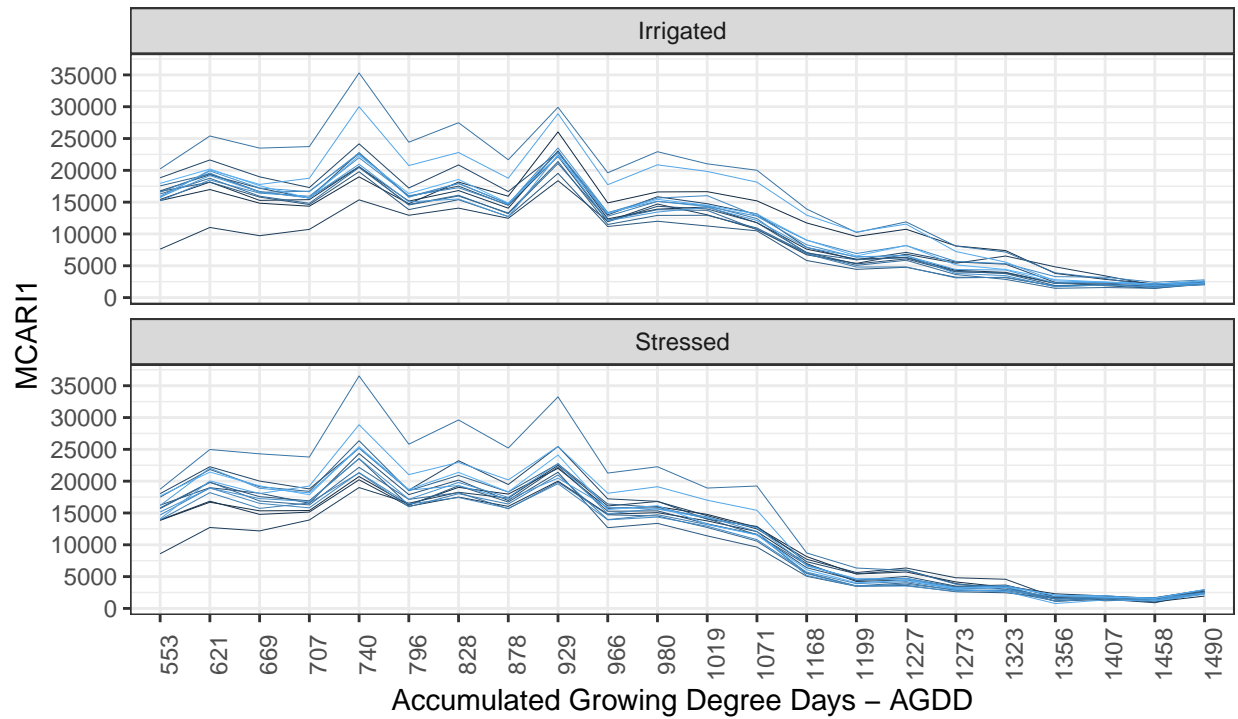


AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

Repeated Measures | MCARI1 Index

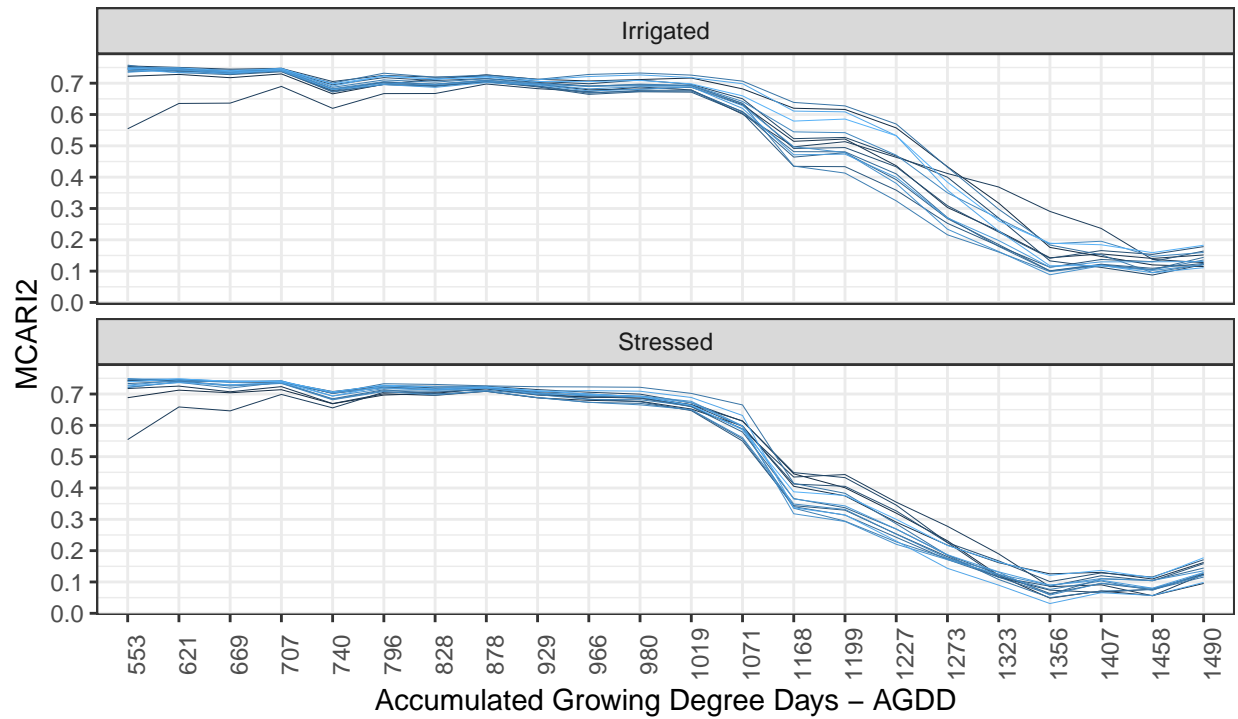
Stress|No Stress Trial – Duro



Saving 6.5 x 4.5 in image

Repeated Measures | MCARI2 Index

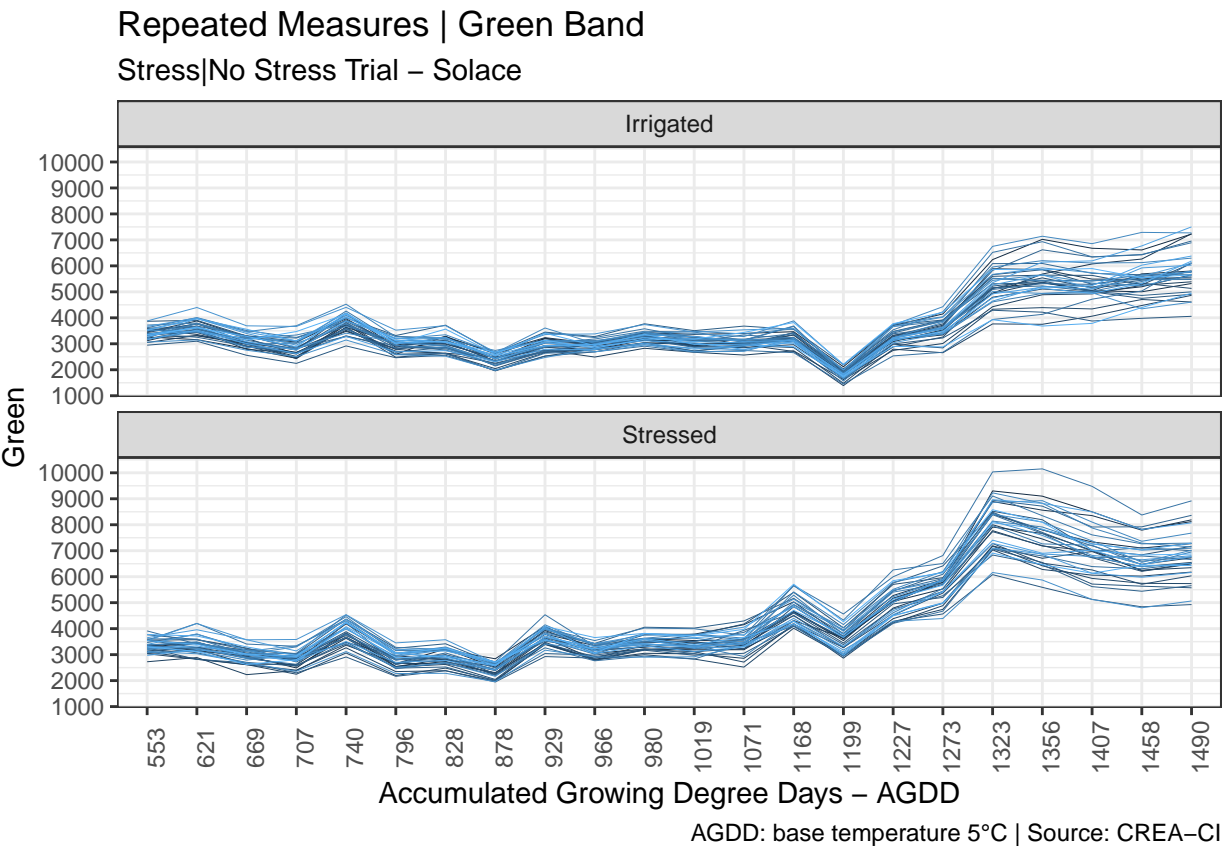
Stress|No Stress Trial – Duro



AGDD: base temperature 5°C | Source: CREA-CI

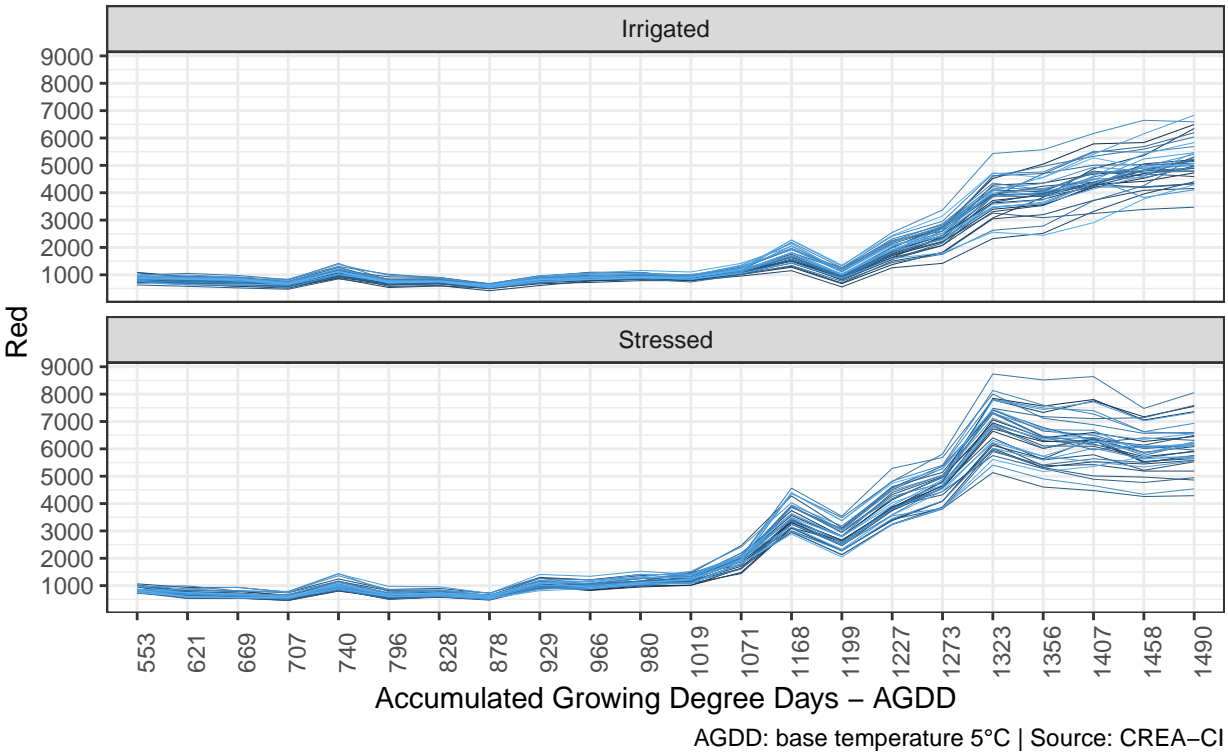
Saving 6.5 x 4.5 in image

Plot Longitudinal - Solace



Saving 6.5 x 4.5 in image

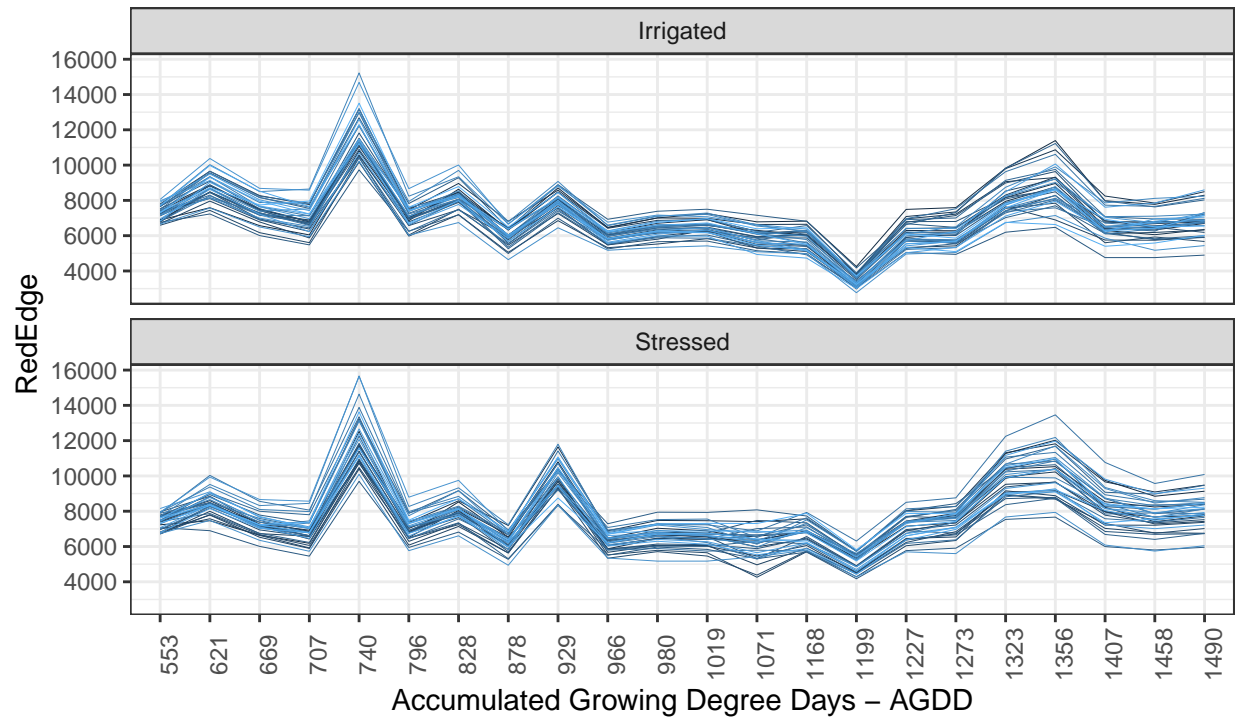
Repeated Measures | Red Band
Stress|No Stress Trial – Solace



Saving 6.5 x 4.5 in image

Repeated Measures | Red Edge Band

Stress|No Stress Trial – Solace

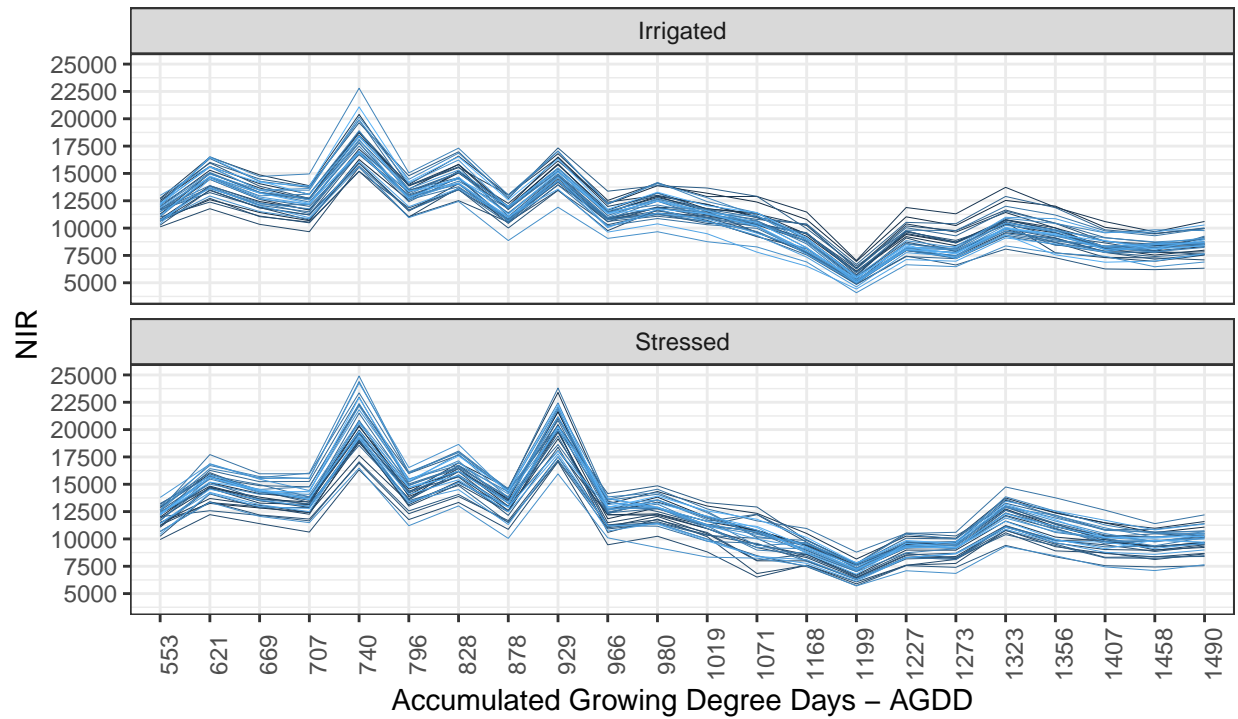


AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

Repeated Measures | NIR Band

Stress|No Stress Trial – Solace

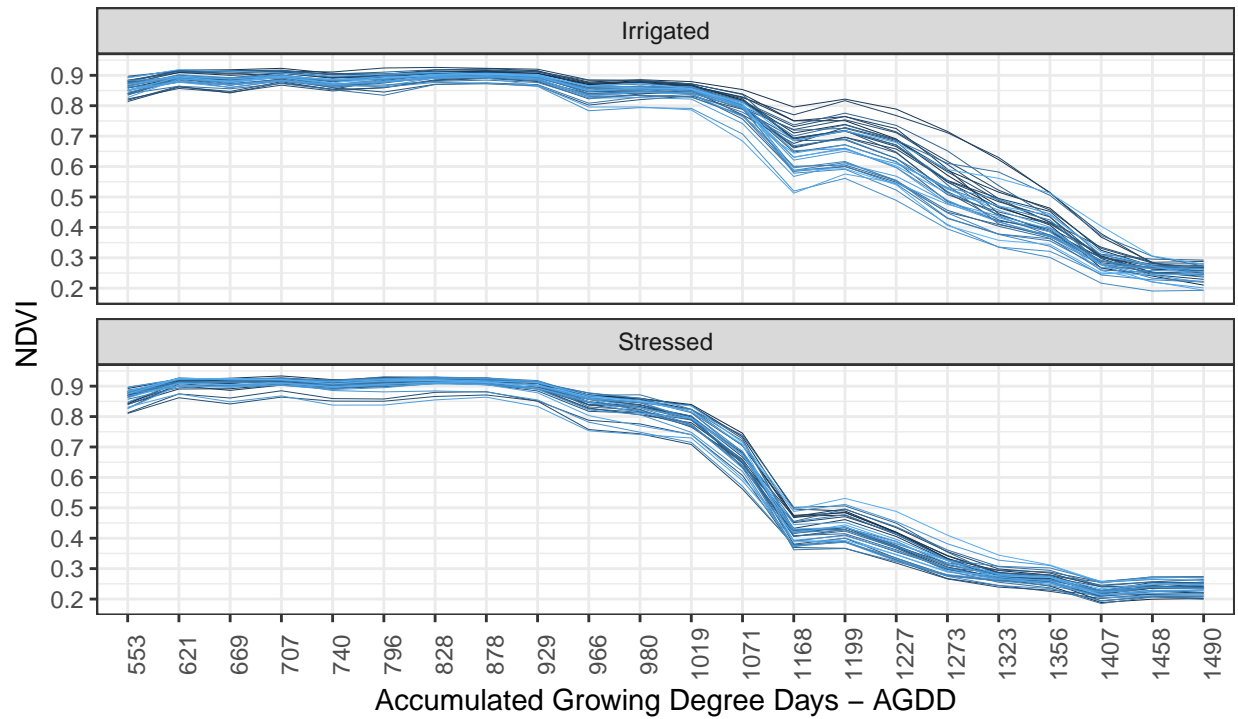


AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

Repeated Measures | NDVI Index

Stress|No Stress Trial – Solace

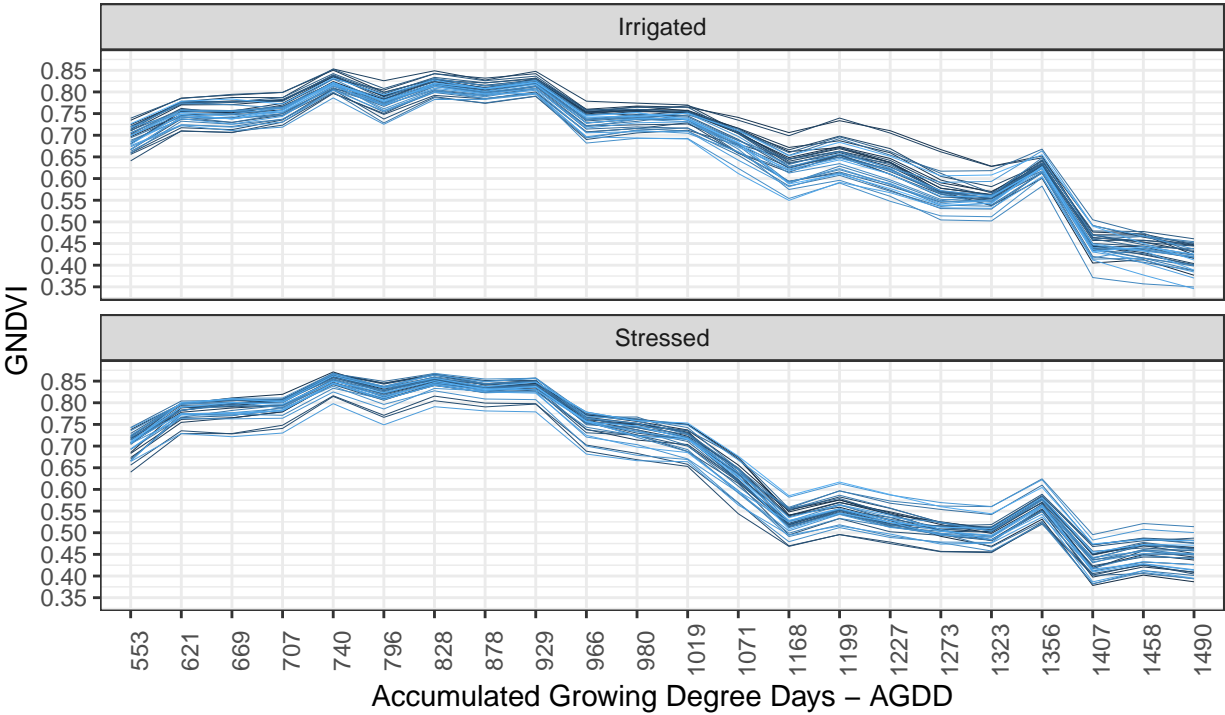


AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

Repeated Measures | GNDVI Index

Stress|No Stress Trial – Solace

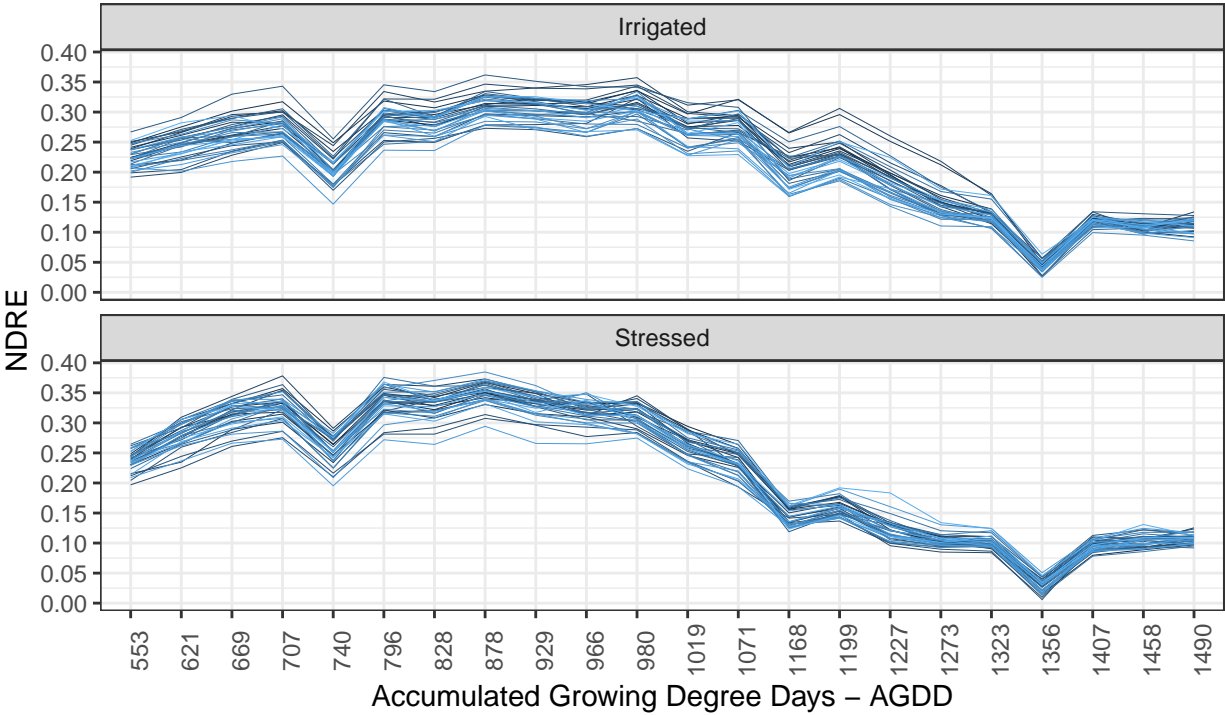


AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

Repeated Measures | NDRE Index

Stress|No Stress Trial – Solace

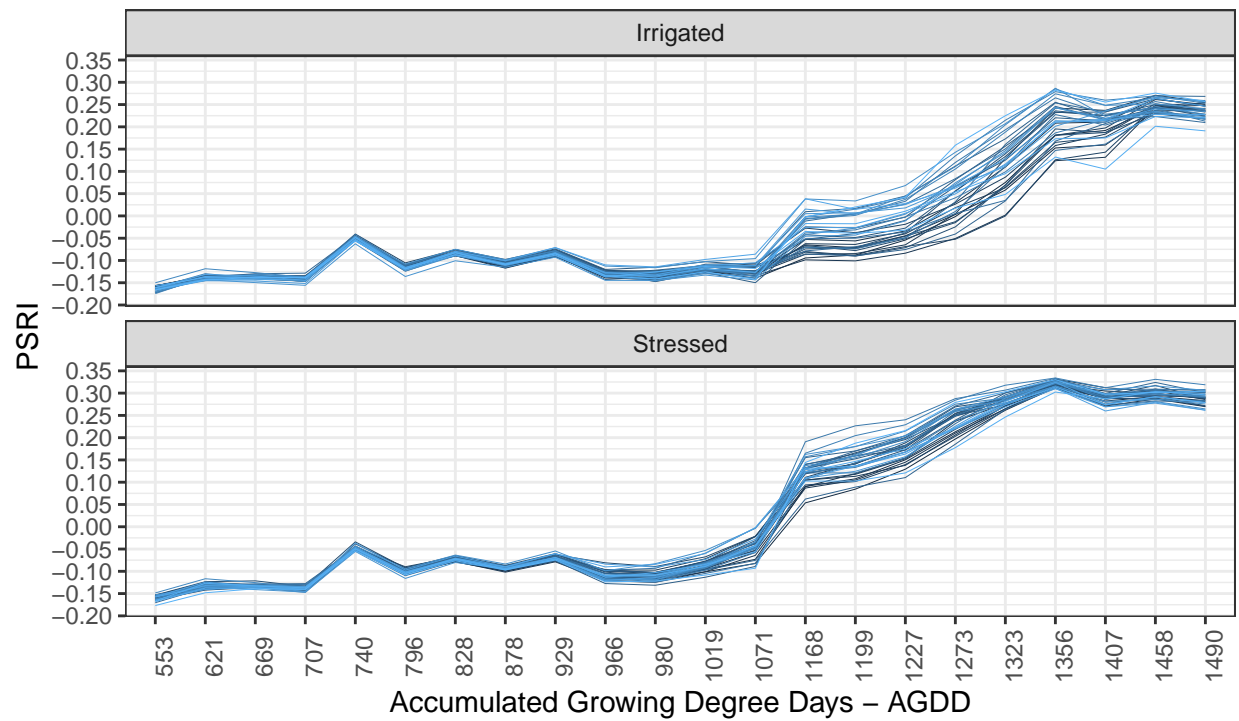


AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

Repeated Measures | PSRI Index

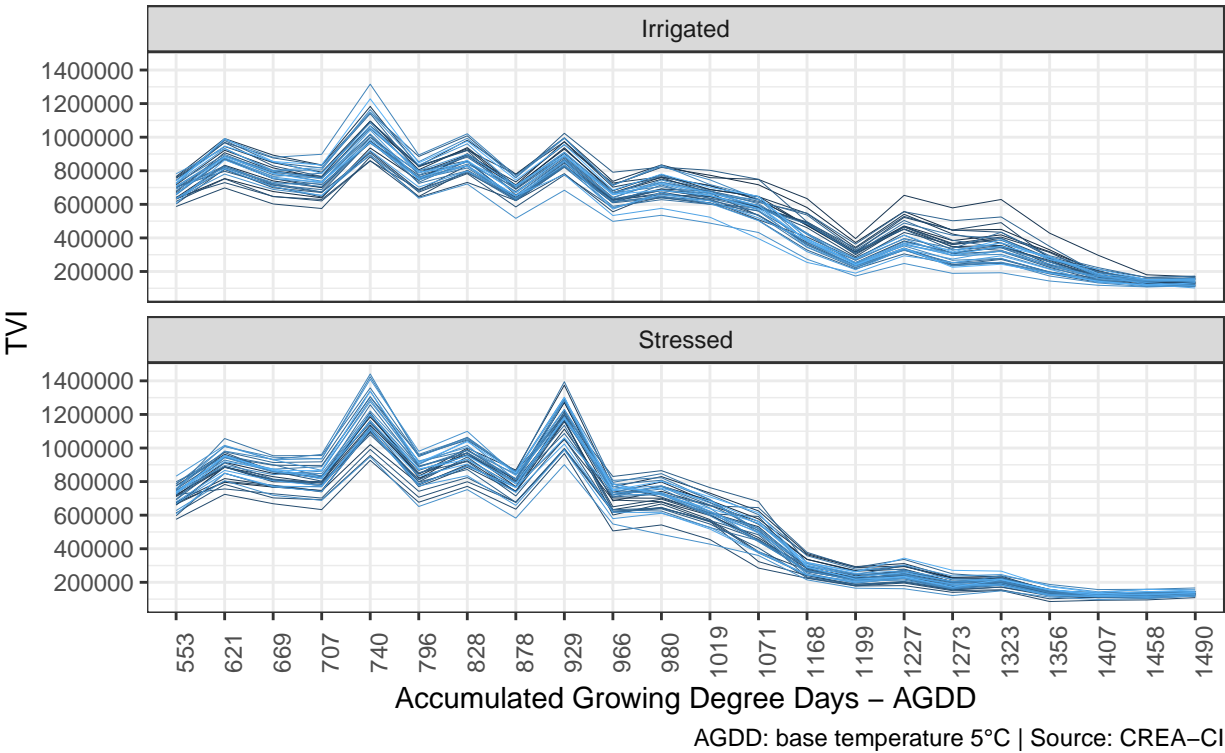
Stress|No Stress Trial – Solace



AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

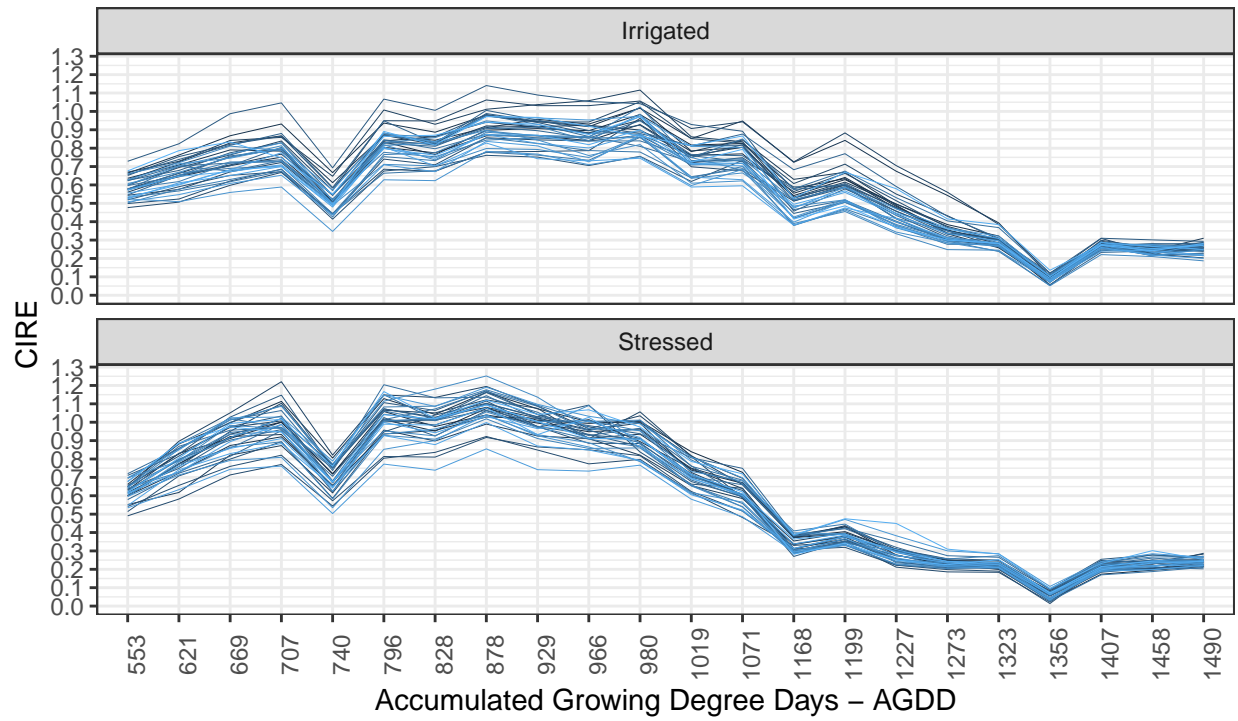
Repeated Measures | TVI Index
Stress|No Stress Trial – Solace



Saving 6.5 x 4.5 in image

Repeated Measures | CIRE Index

Stress|No Stress Trial – Solace

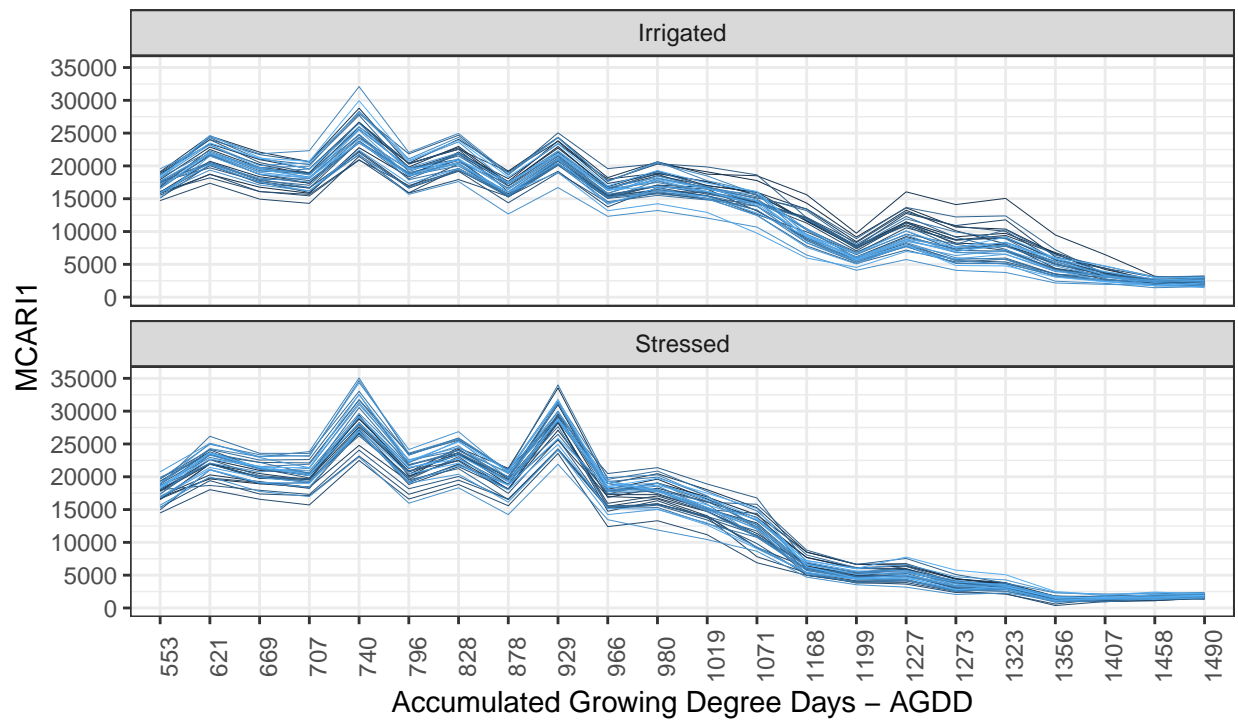


AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

Repeated Measures | MCARI1 Index

Stress|No Stress Trial – Solace

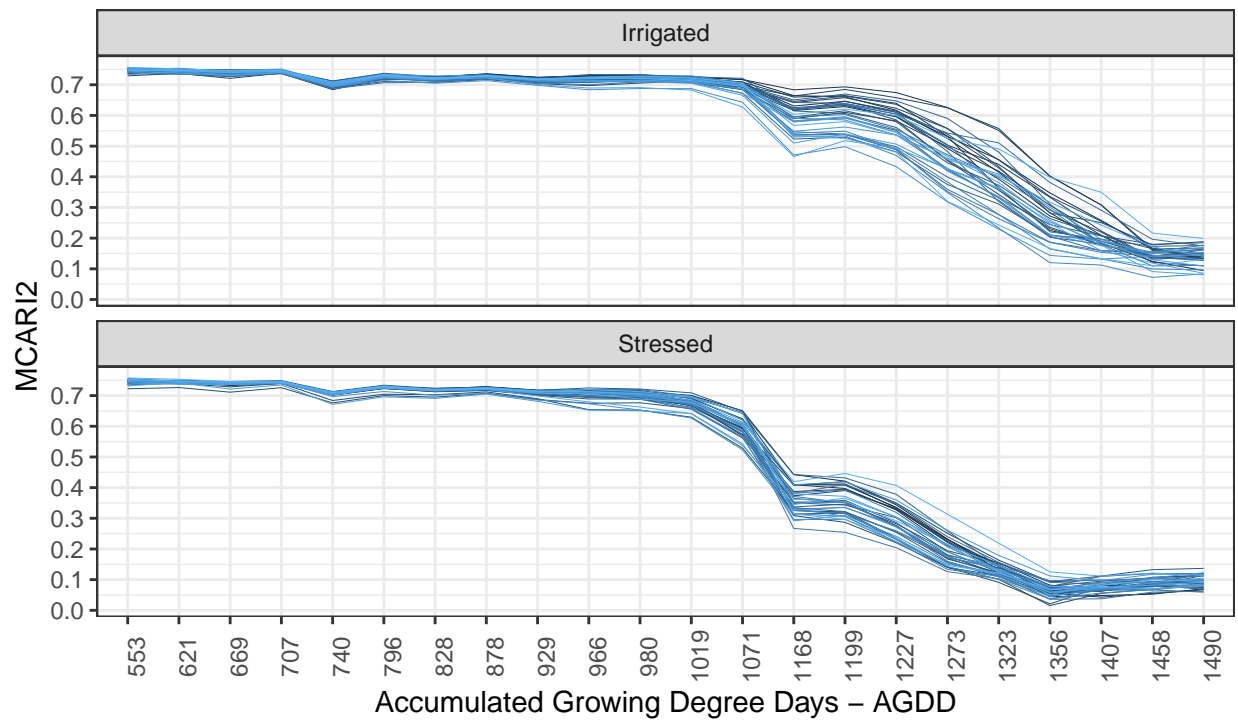


AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

Repeated Measures | MCARI2 Index

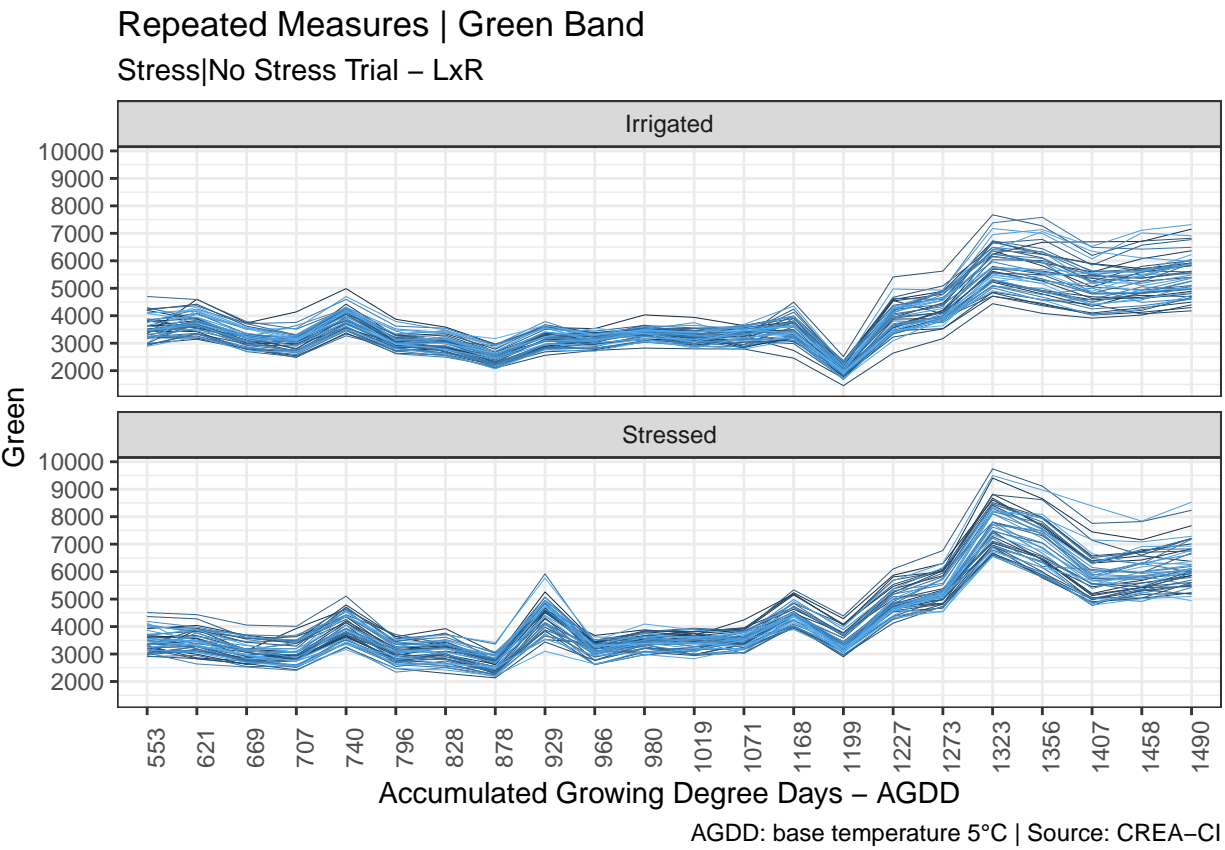
Stress|No Stress Trial – Solace



AGDD: base temperature 5°C | Source: CREA-CI

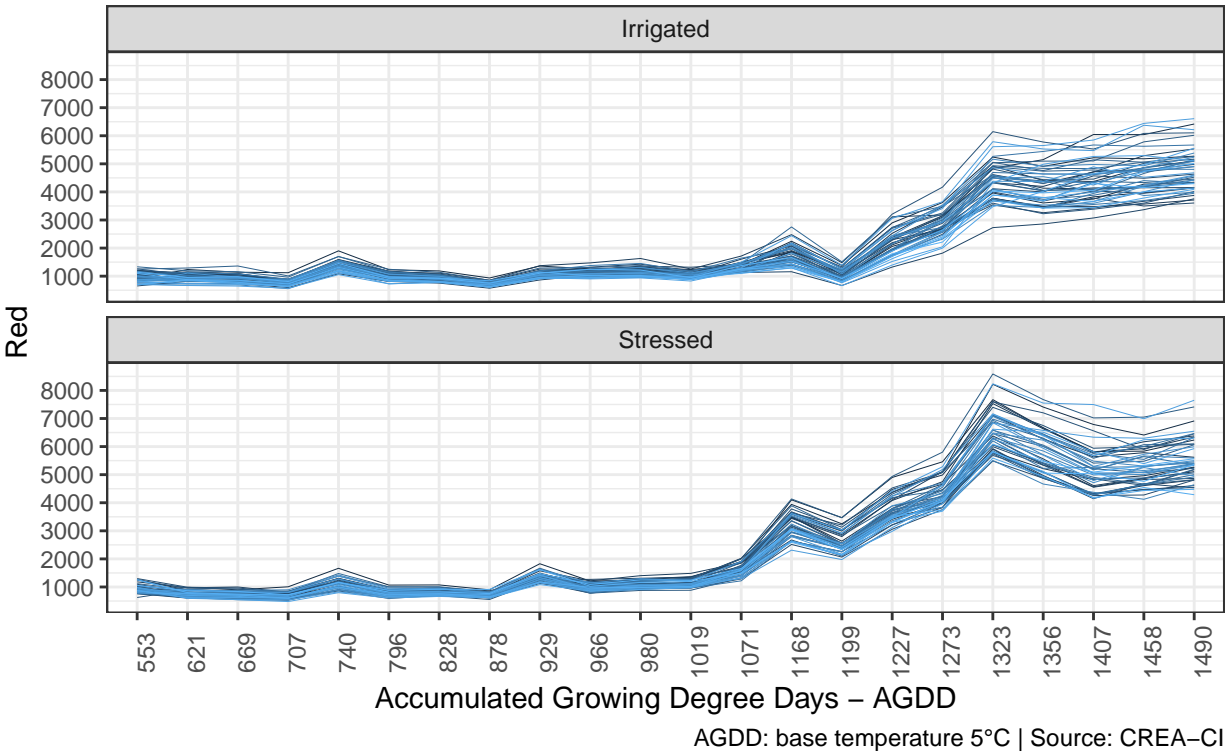
Saving 6.5 x 4.5 in image

Plot Longitudinal - LxR



Saving 6.5 x 4.5 in image

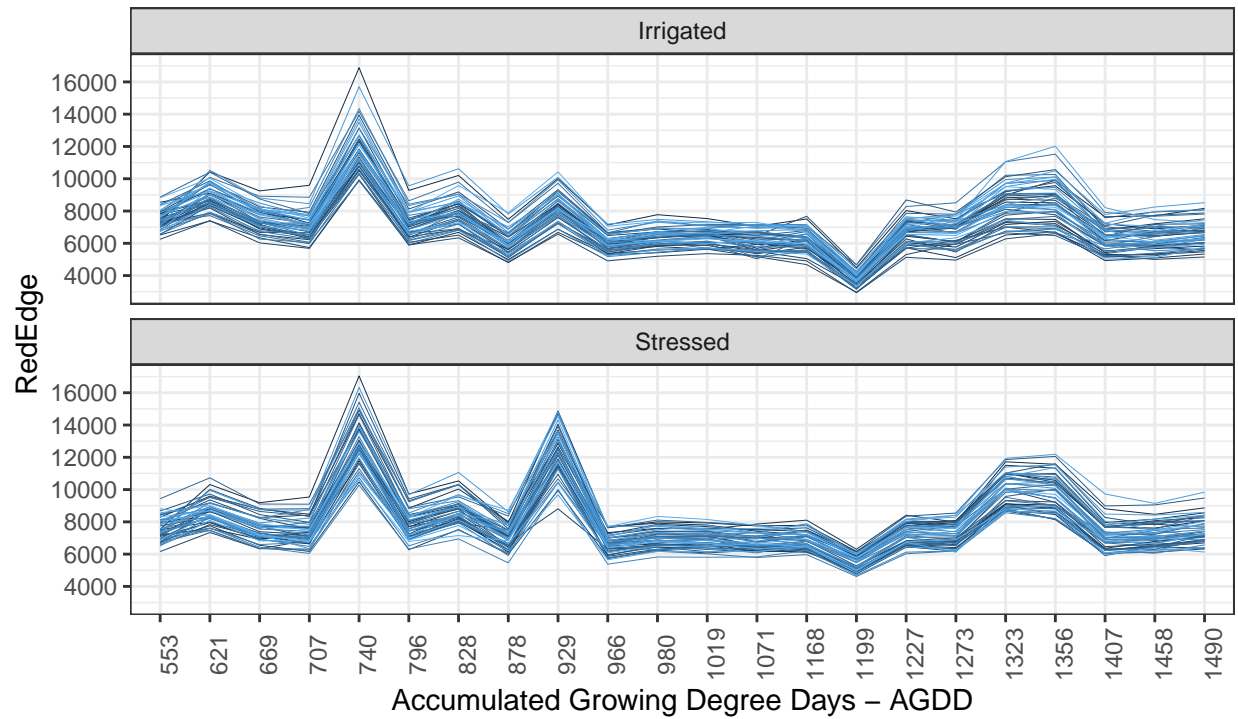
Repeated Measures | Red Band
Stress|No Stress Trial – LxR



Saving 6.5 x 4.5 in image

Repeated Measures | Red Edge Band

Stress|No Stress Trial – LxR

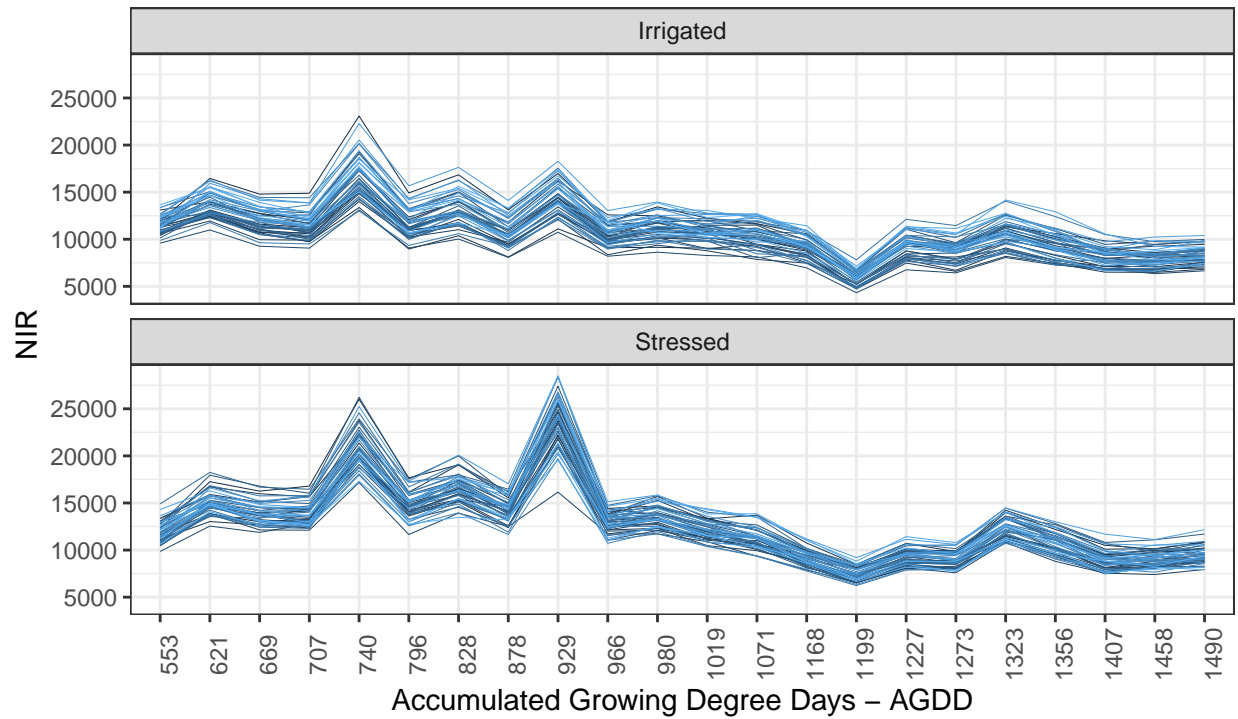


AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

Repeated Measures | NIR Band

Stress|No Stress Trial – LxR

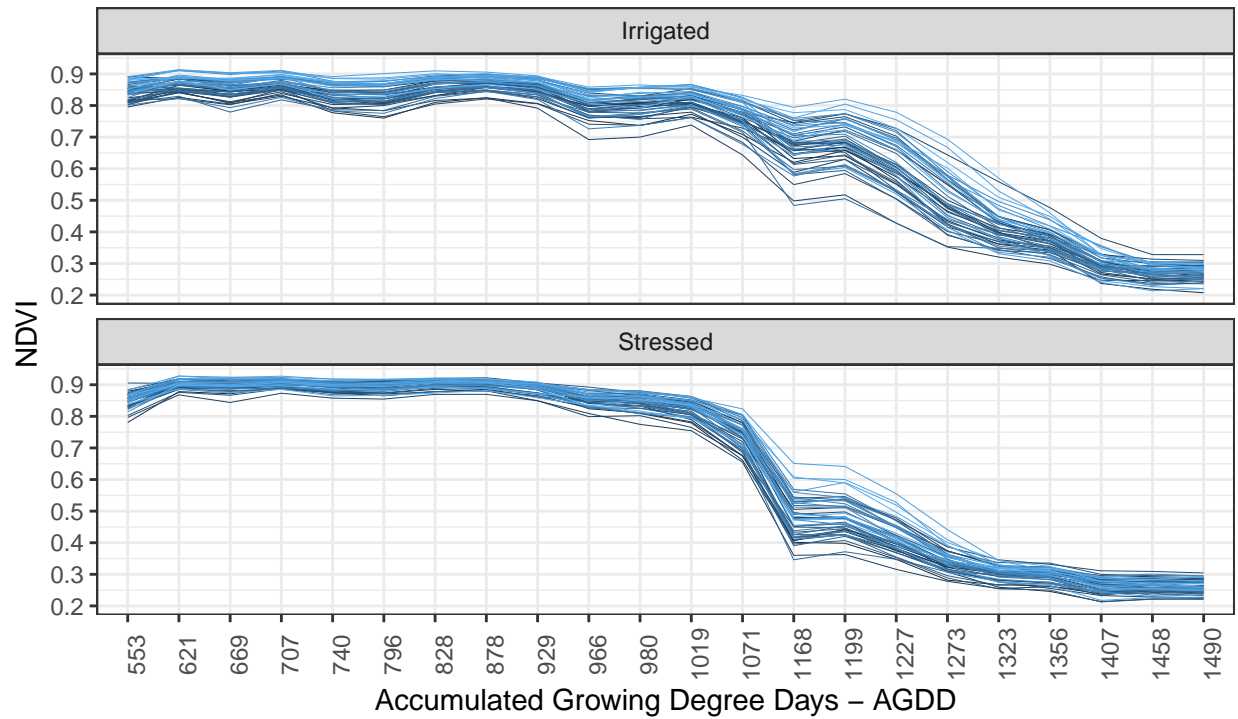


AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

Repeated Measures | NDVI Index

Stress|No Stress Trial – LxR

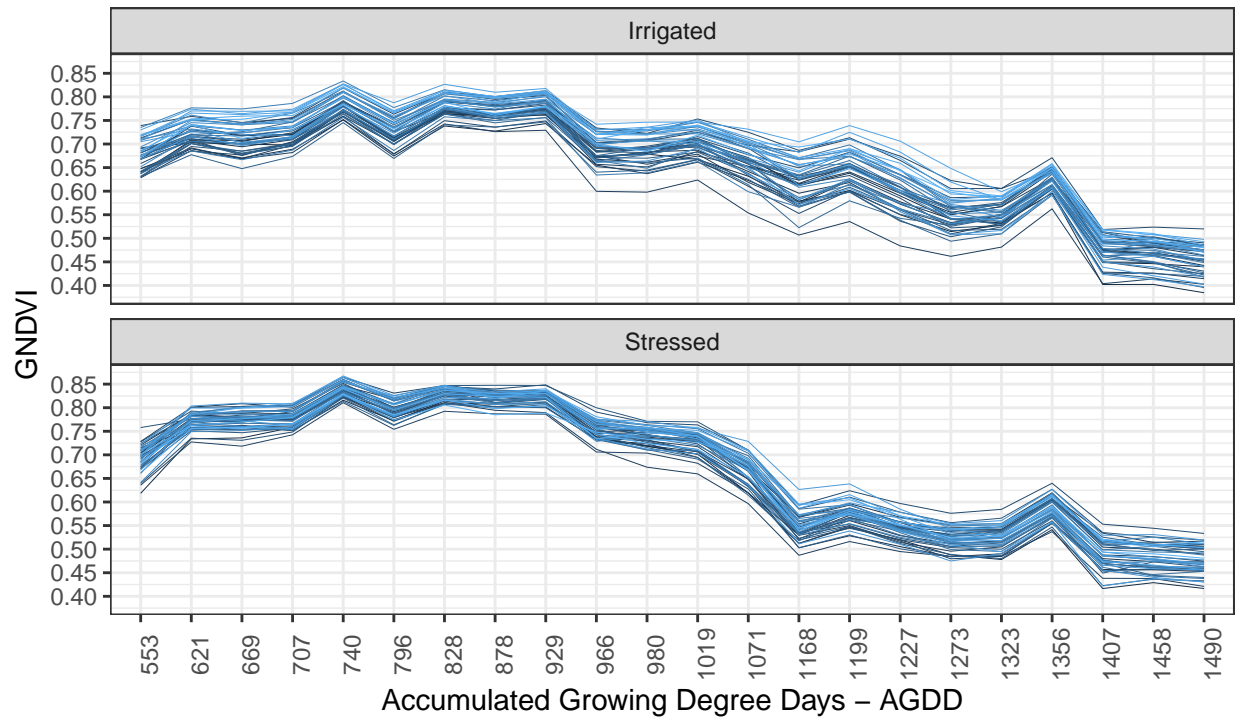


AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

Repeated Measures | GNDVI Index

Stress|No Stress Trial – LxR

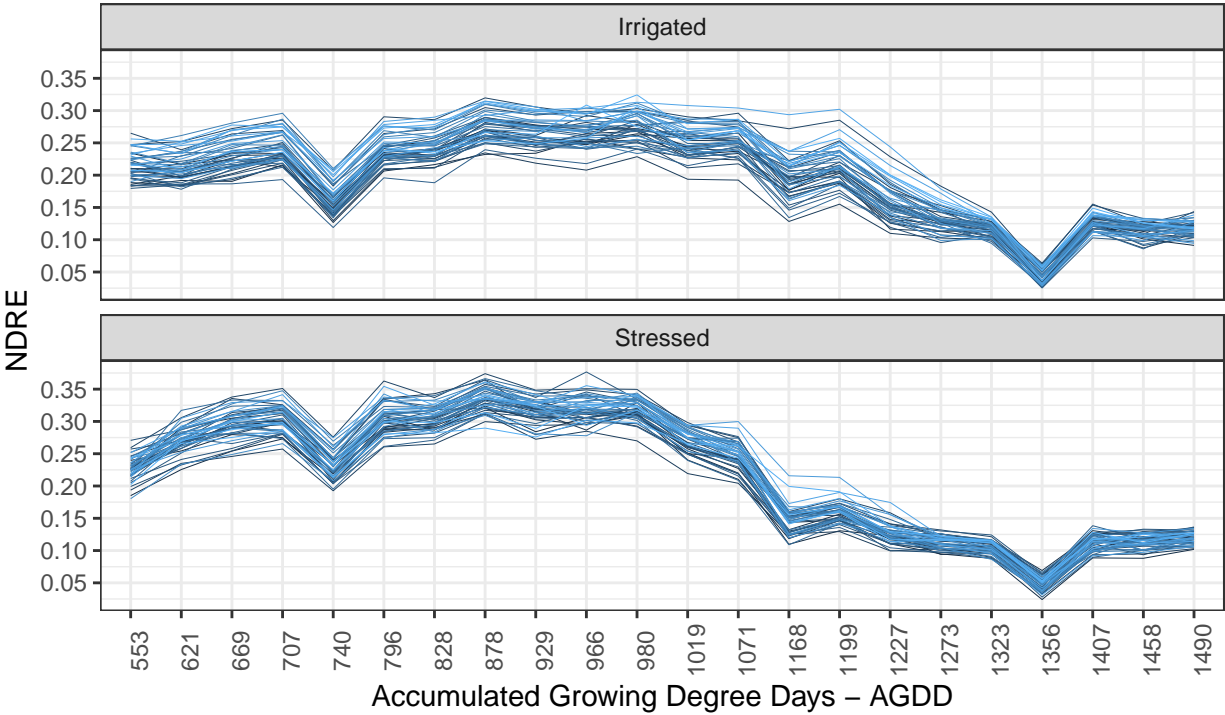


AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

Repeated Measures | NDRE Index

Stress|No Stress Trial – LxR

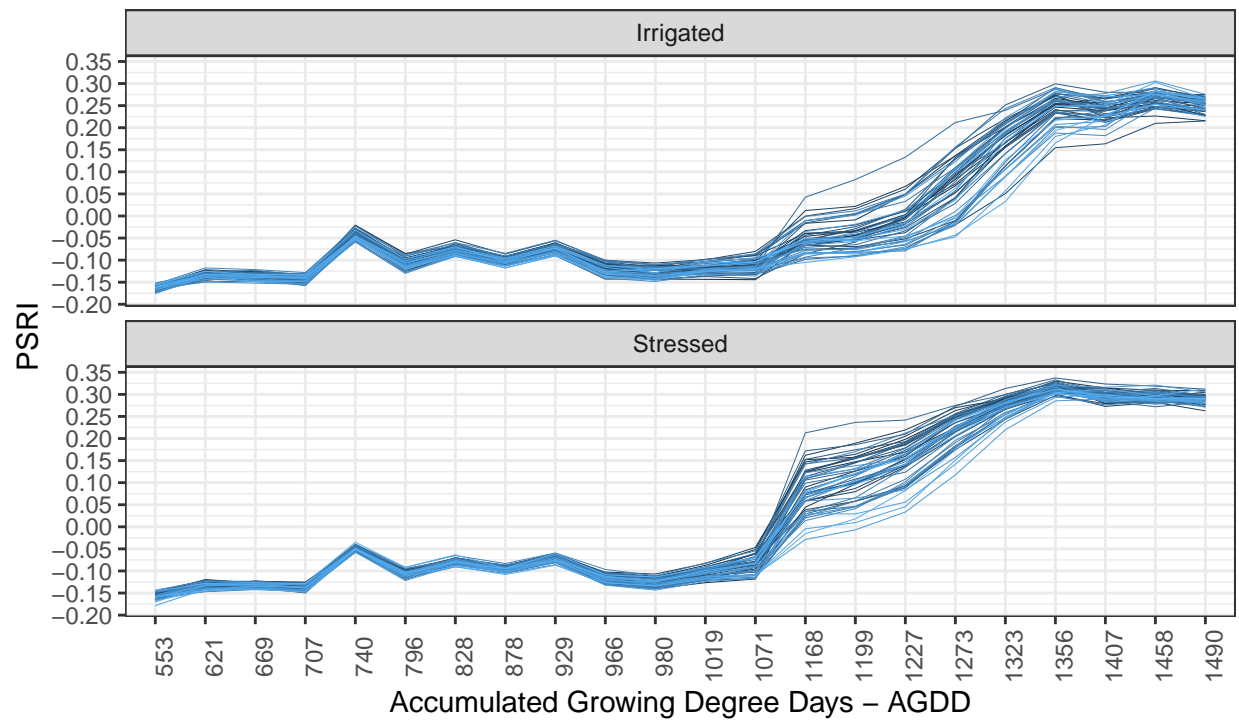


AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

Repeated Measures | PSRI Index

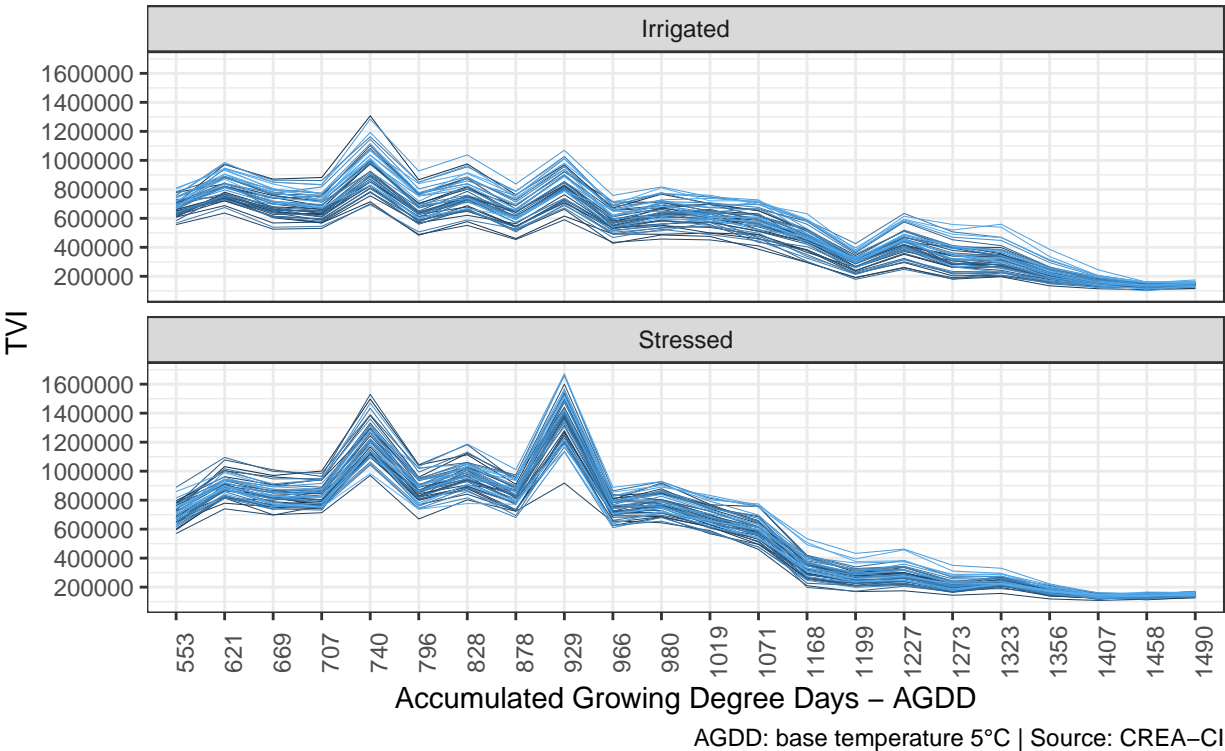
Stress|No Stress Trial – LxR



AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

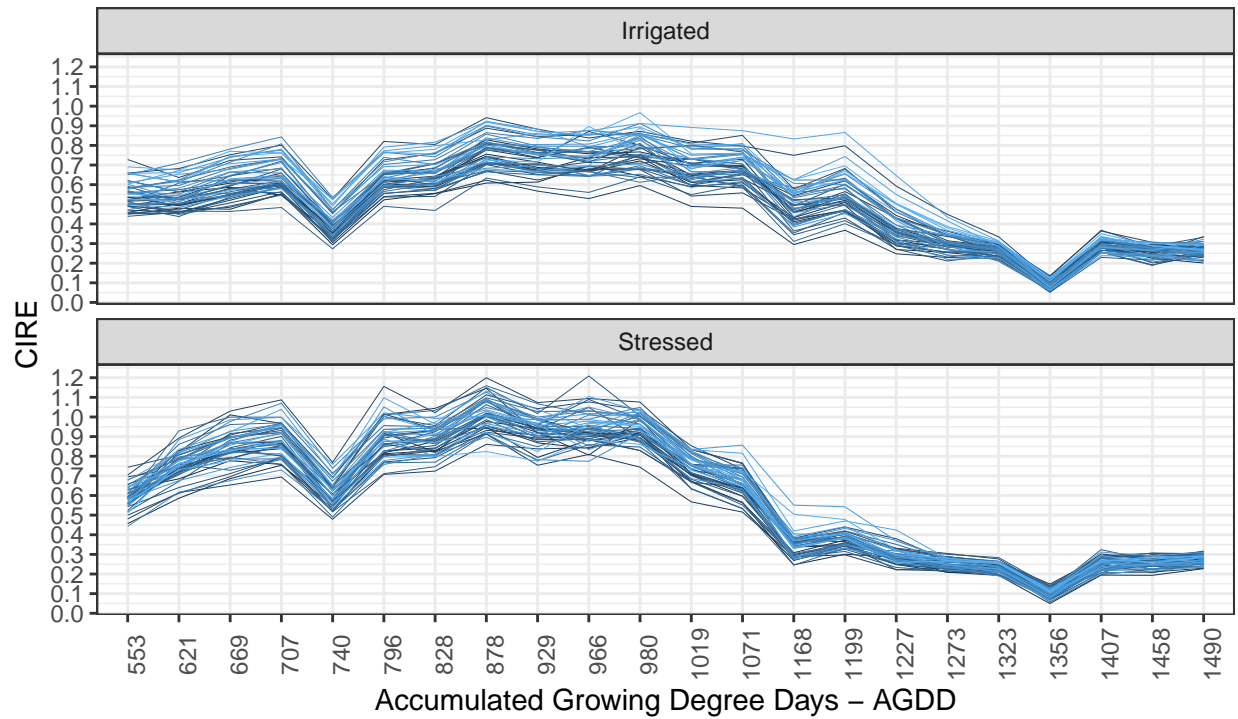
Repeated Measures | TVI Index
Stress|No Stress Trial – LxR



Saving 6.5 x 4.5 in image

Repeated Measures | CIRE Index

Stress|No Stress Trial – LxR

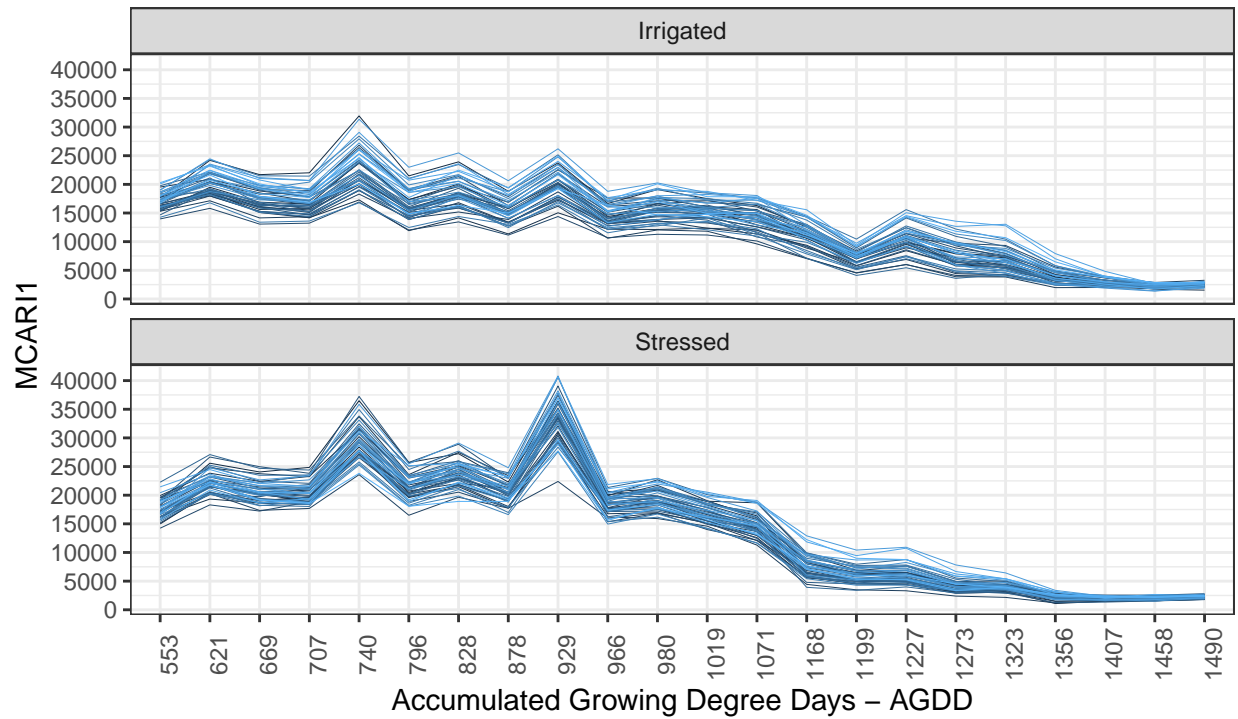


AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

Repeated Measures | MCARI1 Index

Stress|No Stress Trial – LxR

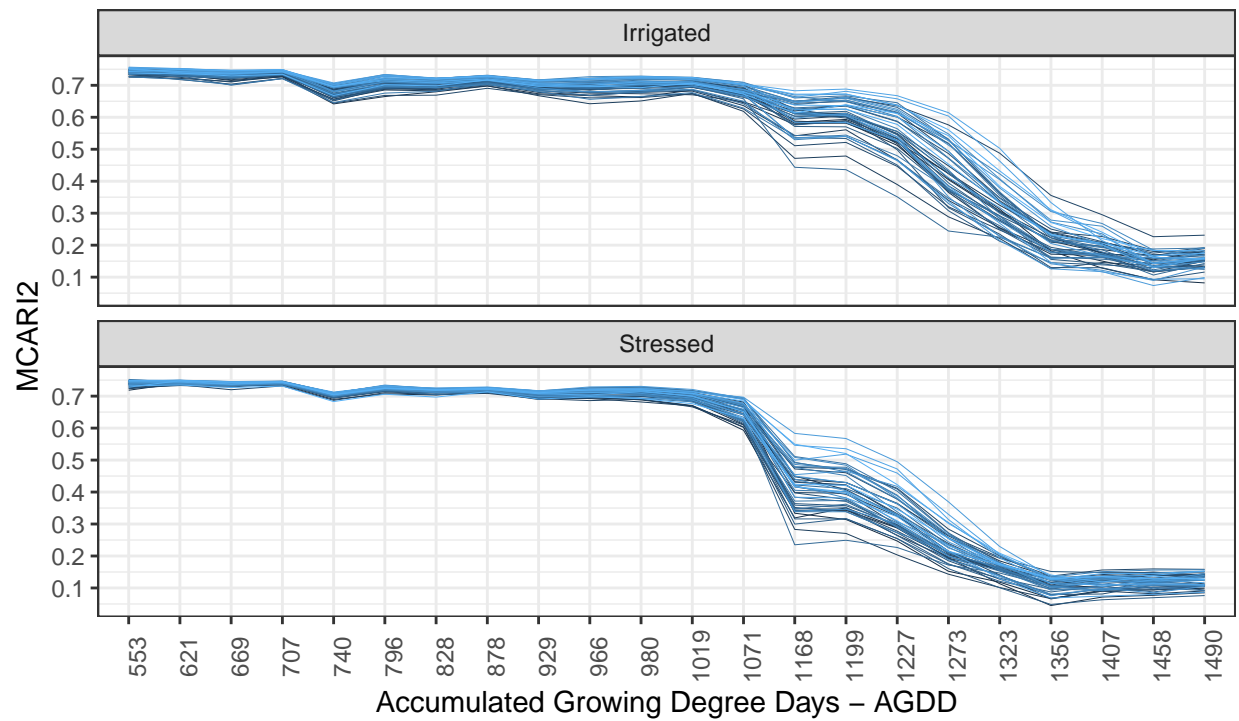


AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image

Repeated Measures | MCARI2 Index

Stress|No Stress Trial – LxR



AGDD: base temperature 5°C | Source: CREA-CI

Saving 6.5 x 4.5 in image