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| **Objective** | **Activity** | Maps |
| Soil depth and nutrient variability in safflower growing regions of Karnataka | GIS maps of soil depth and nutrient variability (N,P and K) in safflower growing districts of Karnataka | Collected soil depth and soil surface structure maps (14 districts) and soil nutrient availability maps (8 districts).  C:\Users\Nicsi\Downloads\BIJAPUR_DEP.jpg  C:\Users\Nicsi\Downloads\BIJAPUR_ST.jpg |
| Length of growing period in safflower growing regions of Karnataka | GIS maps showing LGP (calculated with long-term data) in safflower growing districts of Karnataka | Collected LGP maps of 8 districts. |
| **Objective** | **Activity** |  |
| Climatic variability in safflower growing regions of Karnataka | Climatic variability in selected districts of safflower growing regions in Karnataka | Rainfall data of 11 locations was collected and analyzed. |

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| **District** |  | **May** | **Jun** | **Jul** | **Aug** | **Sept.** | **Oct.** | **Nov** | **Dec** | **Jan** | **Feb.** | **Total** |
| Gulbarga | Rain (mm) | 32 | 98 | 123 | 143 | 162 | 99 | 20 | 5 | 7 | 3 | 720 |
|  | C.V (%) | 79 | 42 | 47 | 48 | 52 | 60 | 160 | 237 | 231 | 186 | 21 |
| Bagalkot | Rain (mm) | 55 | 96 | 58 | 73 | 118 | 116 | 23 | 8 | 3 | 2 | 580 |
|  | C.V (%) | 71 | 60 | 45 | 53 | 58 | 59 | 134 | 196 | 239 | 289 | 28 |