|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **NC1181 Timeline** | | 2020 | 2021 | 2022 | 2023 | 2024 |
| **Objective 1** | |  |  |  |  |  |
|  | Evaluate use of herbicides and annuals when revegetating native rangelands |  |  |  |  |  |
|  | Evaluate seeding rate of interseeding warm season annuals into cool season perennial stands |  |  |  |  |  |
|  | Evaluate effect of cattle stocking density when grazing interseeded warm season annuals |  |  |  |  |  |
|  | Evaluate effect of stocking density and grazing duration in on native rangeland |  |  |  |  |  |
|  | Evaluate fire and winter grazing management on meadow |  |  |  |  |  |
|  | Evaluate fire as a management method for tall fescue |  |  |  |  |  |
|  | Present finding at scientific meetings |  |  |  |  |  |
|  | Publish results in referred journals |  |  |  |  |  |
| **Objective 2** | |  |  |  |  |  |
|  | Conduct trials evaluating forage crop production in place of cash crop |  |  |  |  |  |
|  | Conduct trials evaluating alternative cash crops plus double cropping forage |  |  |  |  |  |
|  | Conduct trials evaluated small grain forage production in soybean systems |  |  |  |  |  |
|  | Present finding at scientific meetings |  |  |  |  |  |
|  | Publish results in referred journals |  |  |  |  |  |
| **Objective 3** | |  |  |  |  |  |
|  | Conduct trials comparing systems using limited or no perennial pasture to traditional perennial pasture based systems |  |  |  |  |  |
|  | Conduct trial evaluating calf management of confined pairs |  |  |  |  |  |
|  | Present finding at scientific meetings |  |  |  |  |  |
|  | Publish results in referred journal |  |  |  |  |  |
| **Objective 4** | |  |  |  |  |  |
|  | Partial budget analysis of proposed management/systems |  |  |  |  |  |
|  | Enterprise budget analysis of proposed new enterprises |  |  |  |  |  |
|  | Whole farm analysis of proposed new systems |  |  |  |  |  |
|  | Present finding at scientific meetings |  |  |  |  |  |
|  | Publish results in referred journal |  |  |  |  |  |
| **Objective 5** | |  |  |  |  |  |
|  | Publish educational articles |  |  |  |  |  |
|  | Present information at extension meetings |  |  |  |  |  |
|  | Produce webinars and podcasts |  |  |  |  |  |
|  | Present information at train the trainer meetings |  |  |  |  |  |
|  | Conduct multistate conference |  |  |  |  |  |