**ACCG Planning Work Group: Herbicide Use Alternatives Table for Forest Projects Plan (FPP) Phase 2**

***Purpose****: utilize potential alternative recommendations A-D in table to develop preferred, consensus-based recommendation for herbicide use in FPP Phase 2*.

Table last updated: 2/23/2024.

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| **Herbicide Use Type** | **General Location** | **Type of plant treated** | **Objective** | **ACCG Alternative A:**  **No Herbicide Use** | **ACCG Alternative B:**  **Targeted treatment of non-native plant populations, including noxious weeds** | **ACCG Alternative C:**  **Treatment of invasive plants, and *limited* strategic treatment of fuelbreaks, infrastructure** | **ACCG Alternative D: Herbicide Use allowed as determined by each Ranger District** |
| **1. Fuelbreaks** | Within fuelbreaks within the Project area. | Native and Non-native | Suppress re-growth and re-sprouting shrubs and other vegetation of surface and ladder fuels in fuelbreaks that adversely affects function of fuelbreaks. | No herbicide application.  Utilize prescribed burning, mastication, other mechanical treatments, hand treatments, and targeted grazing. | No herbicide application.  Utilize prescribed burning, mastication, other mechanical treatments, hand treatments, and targeted grazing. | **Where**: e.g., *strategically selected fuelbreaks < 1,000 acres per year on each District*  **How**: e.g., *backpack sprayer*  **When (frequency, duration)**: e.g., *maintenance/ post-initial fuels reduction treatment, up to 2 herbicide treatments each site within 10 years*  **What**: [Need information on full list of potential herbicides from USFS] | TBD by project team, may include;  **Where:** e.g., *all fuelbreaks within the Project area*  **How**: e.g., *backpack sprayer*  **When (frequency, duration)**: e.g., *as needed*  **What**: [Need information on full list of potential herbicides from USFS] |
| **2. Infrastructure** | Along roadsides and around other critical infrastructure within the Project area. | Native and Non-native | Maintain defensible space, maintain access for firefighting, and protect infrastructure. | No herbicide application.  For roadsides, utilize mastication.  For other critical infrastructure, utilize mechanical and hand treatments. | No herbicide application.  For roadsides, utilize mastication.  For other critical infrastructure, mechanical and hand treatments. | **Where**: [insert locations]  **How**: e.g., *backpack sprayer*  **When (frequency, duration)**: e.g., *maintenance, post fuel treatment - with an acreage limit of <2 miles of roads (both sides) per year*  **What**: [Need information on full list of potential herbicides from USFS] | TBD by project team, may include;  **Where:** e.g., *along 15 ft strip of roadsides including the use of pre-emergent herbicides – no limit on miles of roads treated each year; all critical infrastructure within the Project area*  **How**: e.g., *backpack sprayer*  **When (frequency, duration)**: e.g., *as needed*  **What**: [Need information on full list of potential herbicides from USFS] |
| **3. Non-native plant populations, including noxious weeds** | Entire Project area. | Non-native | Reduce non-native plants in the Project area where appropriate and needed at locations with target species/ populations, for ecological benefits and fuel reduction. | No herbicide application.  Utilize thermal or mechanical treatments. | **Where**: e.g., *herbicide use would be the third-tier option for weed control treatment if neither thermal nor mechanical treatments are judged to be effective methods for control.*  **How:** e.g., *backpack sprayer*  **When (frequency, duration)**: e.g., *limited application*  **What**: [Need information on full list of potential herbicides from USFS] | **Where**: e.g., *Similar to Alt. B for noxious weed control, but herbicides may be applied as a first-tier preferred treatment for use at sites with limited acreage of noxious weed infestation*  **How**: e.g., *backpack sprayer*  **When (frequency, duration)**: e.g., *limited, once per infestation site*  **What**: [Need information on full list of potential herbicides from USFS] | TBD by project team, may include;  **Where:** *e.g., Similar to Alt. C for control of non-native noxious weeds, but herbicide use could consistently be selected to be the standard first-tier treatment method of choice for noxious weed control within the project area - with no acreage limitations*  **How**: e.g., *backpack sprayer*  **When (frequency, duration)**: e.g., *as needed*  **What**: [Need information on full list of potential herbicides from USFS] |