

National and State Resource Concerns and Quality Criteria				
Natural Resource Concern	Description of Concern	National Quality Criteria	State Quality Criteria	Assessment Tools for Quality Criteria Evaluation
PLANTS				
Plants not adapted or suited	Plants are not adapted and/or suited to site conditions or client objectives.	<p>Selected plants are adapted to the soil and climatic conditions or the site is modified to make it suitable for the desired plants. Plants are sustainable, do not negatively impact other resources, and meet client objectives. For specific land uses, additional criteria apply:</p> <p>Cropland: A healthy stand with vigorous growth. Yields 75% of client expectations.</p> <p>Rangeland: Plants on or planned for the site are listed in applicable Ecological Site Descriptions (ESD)</p> <p>Pastureland: Plants on or planned for the site have a site adaptation score greater than 3 using Pasture Condition Scoring (PCS) and are listed in applicable Forage Suitability Groups (FSG) reports.</p> <p>Hayland: Plants on or planned for the site are listed in applicable Forage Suitability Groups (FSG) reports.</p> <p>Forestland/Agroforest: Plants on or planned for the site are listed in Ecological Site Descriptions (ESD)</p>	<p>Selected plants are adapted to the soil and climatic conditions or the site is modified to make it suitable for the desired plants. Plants are sustainable, do not negatively impact other resources, and meet client objectives. For specific land uses, additional criteria apply</p> <p>Cropland: A healthy stand with vigorous growth. Yields 75% of client expectations <i>5 out of 10 years.</i></p> <p>Rangeland: N/A</p> <p>Pastureland: Plants on or planned for the site have a site adaptation score greater than 3 using Pasture Condition Scoring (PCS) and are listed in applicable Forage Suitability Groups (FSG) reports, <i>standard or FOTG Technical References. When establishes plants are not well adapted, noxious or poisonous but client does not choose to modify situation criteria will be met as long as other resources are not adversely affected.</i></p> <p>Hayland: Plants on or planned for the site are listed in applicable Forage Suitability Groups (FSG) reports, standard or FOTG Technical References</p> <p>Forestland/Agroforest: Plants on or planned for the site are listed in Ecological Site Descriptions (ESD) <i>standard or FOTG Technical References.</i></p>	<ul style="list-style-type: none"> • On-site investigation and records • Forage Suitability Groups (FSG) • Pasture Condition Scoring (PCS) • Client interview • PLANTS database • VEGSPEC • Seeding and Planting Guide • Plant hardiness zone map • . • Soil interpretations – Section IV • Local agronomy guides • University Extension Service information • Soil survey manuscripts • . • Conservation Tree and Shrub Groups (CTSG) • .

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Plant – Condition – Productivity, Health and Vigor	Plants do not produce the yields, quality, and soil cover to meet client objectives.	<p>Selected plants on or planned for the site are sufficiently productive to meet or exceed client needs. For specific land uses, additional criteria apply:</p> <p>Cropland: A healthy stand with vigorous growth produces at least 75% of site potential.</p> <p>Rangeland: The plant community has a similarity index of at least 60% or an upward trend for similarity indices less than 60%.</p> <p>Pastureland: Forage yields are at least 75% of high management estimates cited in FSG reports.</p> <p>Hayland: Forage yields at least 75% of high mgt. estimates cited in Forage Suitability Groups (FSG) reports</p> <p>Forestland/Agroforest: Forests consist of healthy stands with vigorous growth having a stand density within 25% of optimum stocking on a stems/acre basis. Plants chosen for agroforest applications are consistent with Conservation Tree and Shrub Groups (CTSG) listings and height performance.</p>	<p>Selected plants on or planned for the site are sufficiently productive to meet or exceed client needs. For specific land uses, additional criteria apply:</p> <p>Cropland: A healthy stand with vigorous growth produces at least 75% of site potential.</p> <p>Rangeland: N/A</p> <p>Pastureland: Forage yields are at least 75% of high management estimates cited in FSG reports <i>standards or FOTG Technical References</i></p> <p>Hayland: Forage yields at least 75% of high mgt. estimates cited in Forage Suitability Groups (FSG) <i>reports standards or FOTG Technical References</i></p> <p>Forestland/Agroforest: Forests consist of healthy stands with vigorous growth having a stand density within 25% of optimum stocking on a stems/acre basis. Plants chosen for agroforest applications are consistent with Conservation Tree and Shrub Groups (CTSG) listings and height performance, <i>standards or FOTG Technical References</i></p>	<ul style="list-style-type: none"> • Agronomy Guide • Client interview • Plant tissue and harvest analysis • Crop scouting • Rising plate meter • Forage Suitability Groups (FSG) • . • Plot sampling of understory vegetation • Soil survey reports • Soil Testing • Crop/soil yield comparison in the vicinity • Pasture Condition Scoring • Stocking rate of desired species(Prescribed Grazing standard) • Plot sampling of understory vegetation • Stocking measurement for the tree stands •

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Plant Condition - Threatened or Endangered Plant Species	Plant populations and /or habitat quantity and quality have reached a level that one or more plant species are in danger of or threatened with extinction.	Threatened and endangered plant species and/or habitats they occupy are managed to avoid actions that would reduce their current population, health, or sustainability.	SAME AS NATIONAL	<ul style="list-style-type: none"> • Client interviews • Inventory site • General Manual, 190, Part 410 • FOTG Sec 1 endangered species lists • Federal and state endangered species rules and regulations • Consultation with appropriate federal, state, and local agencies/groups • PLANTS Website
Plant Condition - Noxious and Invasive Plants	The site has noxious or invasive plants present.	The site is managed to control noxious and invasive plants and to minimize their spread.	SAME AS NATIONAL	<ul style="list-style-type: none"> • Client interviews • Inventory site • Consult weed management associations • Consultation with appropriate federal, state, and local agencies/groups • State or local noxious weed list • PLANTS Website

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Plant Condition - Forage Quality and Palatability	Plants do not have adequate nutritive value or palatability for the intended use	Forage plants are managed to produce the desired nutritive value and palatability for the intended use.	SAME AS NATIONAL	<ul style="list-style-type: none"> • NIRS Forage Quality Analysis (NUTBAL) • Plant tissue analysis • Forage analysis • Prescribed Grazing standard •
Plant Condition – Wildfire Hazard	The kinds and amounts of fuel loadings (plant biomass) pose risks to human safety, structures, and resources should wildfire occur.	Fuel loadings are reduced and/or isolated to meet client needs in minimizing the risk and incidence of wildfire.	N/A	<ul style="list-style-type: none"> • Visual assessment protocols • Site and flammable biomass inventories • Aerial photo analysis •