

NISIMS 2.5 Data Dictionary - Editable Feature Classes

| Item | Col Name | Alias | Data Element | Data Type | Length | Domain | Required | Mobile Required | Description |
|------------------------------|-------------|--|--|---------------|--------|---------------------------------|-------------|-----------------|--|
| FC-PhotoLocation | PHOTO_GUID | Photo ID | | GUID | | | Y-Generated | Y-Generated | The unique, system-generated number that identifies a single occurrence of the PhotoLocation entity. This is the Primary Key. There is a 0:M relationship between this field and Photos tables where related photos are stored. |
| FC-PhotoLocation | GLOBALID | GLOBALID | | GUID | | | Y-Generated | Y-Generated | The Unique ID for each record in the database. Calculated by GIS. |
| FC-ProposedTreatmentLocation | CMP_TY_NM | Treatment Type | "Treatment Component Type Name" | Text | 20 | Treatment_Component_Type_Name | Y | Y | The type of treatment that is being performed. Valid values are biological, chemical, manual, mechanical, fire and revegetation. The value input here dictates which of the 6 treatmentcomponent tables a related table is generated. |
| FC-ProposedTreatmentLocation | PR_ACRE_QY | Estimated Treated Acres | "Proposed Total Acres Quantity" | Double | | | Y | NA | The estimated total number of acres that are proposed for treatment over the life of the proposal. |
| FC-ProposedTreatmentLocation | APPL_YR_QY | Duration of Proposal | "Valid Application Years Quantity" | Long Integer | | Proposal_Duration | Y | NA | The number of years the proposal is valid, which can range from 1 - 3 years depending on the decision of the state pesticide coordinator. This is considered to be the duration of the proposal. |
| FC-ProposedTreatmentLocation | ORG_CD | Office | "Agency Organization Code" | Text | 10 | Organization_Code | Y | NA | An alphanumeric code that identifies a BLM organization. Business rule: the code is derived from the 2 digit state code and a numeric identifier. |
| FC-ProposedTreatmentLocation | PUP_NR | PUP Number | "Pesticide Use Proposal Number" | Text | 20 | | Y-Generated | NA | The identifier of the Pesticide Use Proposal. (Format: FBMS FieldOfficeCode, "-", 2-digit Year, "-", 3 digit sequential #, "-", P (for PUP). If the NISIMS web application is used this info is generated automatically. If not it must be calculated. |
| FC-ProposedTreatmentLocation | BCP_NR | Biocontrol Proposal Number | "Biocontrol Proposal Number" | Text | 20 | | Y-Generated | NA | The identifier of the Bio Control Proposal. (Format: FBMS FieldOfficeCode, "-", 2-digit Year, "-", 3 digit sequential #, "-", B (for BCARP).If the NISIMS web application is used this info is generated automatically. If not it must be calculated. |
| FC-ProposedTreatmentLocation | LOC_NM | Location | "Location Name" | Text | 100 | | Y | NA | The name for the location. This value becomes the "Project Name" in treatments performed. |
| FC-ProposedTreatmentLocation | TIMEFRAME | Timeframe | "Time Frame" | Text | 20 | domApplicTimeFrame | Y | NA | The period of time during a calendar year that the Number of Applications will be applied (not to be confused with the duration or lifetime of the proposal). Ex: Spring-Fall |
| FC-ProposedTreatmentLocation | PRP_DATE | Proposal Date | "Proposal Date" | Date | | | Y | NA | The date the proposal was initiated. |
| FC-ProposedTreatmentLocation | TRT_BEG_DT | Start Date | "Treatment Start Date" | Date | | | Y | Y | The date the Treatment begins - using the Gregorian Calendar. Example: A treatment can start on one day with additional applications of the same treatment on subsequent days. |
| FC-ProposedTreatmentLocation | TRT_END_DT | Completion Date | "Treatment Completion Date" | Date | | | Y | Y | The completion date of the Treatment - using the Gregorian Calendar. |
| FC-ProposedTreatmentLocation | NR_APPL | Number Applications | "Number of Applications" | Short Integer | | | Y | NA | The estimated number of applications that will be applied over the duration of the treatment proposal. |
| FC-ProposedTreatmentLocation | DLVR_NM | Delivery Method | "Treatment Delivery Method Type Name" | Text | 10 | Treatment_Delivery_Method_Type | Y | NA | The method used to apply the treatment (e.g.,air, ground). |
| FC-ProposedTreatmentLocation | PTTRN_NM | Treatment Coverage Pattern Name | "Treatment Coverage Pattern Type Name" | Text | 10 | Treatment_Coverage_Pattern_Type | Y | NA | The coverage pattern of the dispersal of the control agent. Example: For a Delivery Method of "Ground" valid values are Spot, Broadcast, and Band. |
| FC-ProposedTreatmentLocation | PRP_TX | Comments | "Treatment Proposal Comment Text" | Text | 200 | | N | NA | A description of the proposal, which includes the reason for the proposed application of biological or chemical agents. |
| FC-ProposedTreatmentLocation | RLSITE_TX | Release Site | "Release Site" | Text | 200 | | N | NA | A description of the proposed site of release of biological control agents. |
| FC-ProposedTreatmentLocation | CAUTION_TX | Steps Taken to Ensure That Release Sites are Protected | "Steps Taken to Ensure That Release Sites are Protected" | Text | 200 | | N | NA | A description of any protection measures used to sustain population(s) of biological control agents on site. Example: cage, signs, enclosure. |
| FC-ProposedTreatmentLocation | NONTRGT_TX | Non Target Vegetation | "Non Target Vegetation" | Text | 200 | | N | NA | A description of any non-target vegetation at proposed release site. |
| FC-ProposedTreatmentLocation | IPM_TX | Integrated Pest Management | "Integrated Pest Management" | Text | 200 | | N | NA | A description of how a treatment contributes to Integrated Pest Management practices. |
| FC-ProposedTreatmentLocation | DPS_TX | Desired Plant Species | "Desired Plant Species" | Text | 200 | | N | NA | A description of the desired plant community at a proposed release site. |
| FC-ProposedTreatmentLocation | SSS_PRES | Special Status Species Present | | Text | 1 | Yes_No_Code | Y | NA | |
| FC-ProposedTreatmentLocation | FWSCONSULT | USFWS Consultation | | Text | 10 | domFWSConsult | Y | NA | |
| FC-ProposedTreatmentLocation | ORIG_ORG_NM | Originator Organization Name | | Text | 50 | | Y | NA | |
| FC-ProposedTreatmentLocation | ORIG_LE | Originator LE ID | "Originator Legal Entity ID" | Text | 50 | | Y | NA | The name of the person who prepared the treatment proposal document. |
| FC-ProposedTreatmentLocation | ORIG_APPDT | Originator Date | "Origination Date" | Date | | | Y | NA | The date that the treatment proposal document was written. |
| FC-ProposedTreatmentLocation | ORIG_CM_TX | Originator Comment | "Originator Comment" | Text | 100 | | N | NA | A way for the originator to add additional comments regarding the treatment proposal document. |
| FC-ProposedTreatmentLocation | REVIEWER_LE | Reviewer LE ID | "Reviewer Legal Entity ID" | Text | 50 | | Y | NA | The name of the person who provides first-level review of the treatment proposal document. |

NISIMS 2.5 Data Dictionary - Editable Feature Classes

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|------------------------------|---------------|---|---|--------------|--------|-----------------------------------|-------------|-----------------|---|
| FC-ProposedTreatmentLocation | REV_APPCD | Reviewer Approval Code | "Reviewer Approval Code" | Text | 50 | Proposal_Approval_Code | Y | NA | An indicator to denote if the first-level reviewer of the treatment proposal 'approved', 'disapproved' or 'approved with mods'. |
| FC-ProposedTreatmentLocation | REV_APPDT | Reviewer Approval Date | "Reviewer Approval Date" | Date | | | Y | NA | The date of the first-level review of the treatment proposal document. |
| FC-ProposedTreatmentLocation | REV_CM_TX | Reviewer Comment | "Reviewer Comment" | Text | 100 | | N | NA | A way for the first-level reviewer to add additional comments regarding the treatment proposal document, or an explanation of modifications made by the reviewer. |
| FC-ProposedTreatmentLocation | FLD_OFF_LE | Field Officer LE ID | "Field Office Authorized Officer Legal Entity ID" | Text | 50 | | Y | NA | The name of the Field Office Manager authorizing the treatment proposal document approval. |
| FC-ProposedTreatmentLocation | FO_APPCD | Field Officer Approval Code | "Field Office Authorized Officer Approval Code" | Text | 50 | Proposal_Approval_Code | Y | NA | An indicator to denote if the field Office Manager authorizing a treatment proposal 'approved', 'disapproved' or 'approved with mods'. |
| FC-ProposedTreatmentLocation | FO_APPDT | Field Officer Approval Date | "Field Office Authorized Officer Approval Date" | Date | | | Y | NA | The date that the Field Office Manager authorized a treatment proposal document. |
| FC-ProposedTreatmentLocation | FO_CM_TX | Field Office Authorized Officer Comment | "Field Office Authorized Officer Comment" | Text | 100 | | N | NA | A way for the Field Office Manager to add additional comments regarding the treatment proposal document, or an explanation of modifications made by the Field Office Manager. |
| FC-ProposedTreatmentLocation | ST_COORD_LE | State Coordinator LE ID | "State Coordinator Legal Entity ID" | Text | 50 | | Y | NA | The name of the State Office Pesticide Coordinator authorizing the treatment proposal document approval. |
| FC-ProposedTreatmentLocation | COOR_APPCD | State Coordinator Approval Code | "State Coordinator Approval Code" | Text | 50 | Proposal_Approval_Code | Y | NA | An indicator to denote if the State Office Pesticide Coordinator authorizing a treatment proposal 'approved', 'disapproved' or 'approved with mods'. |
| FC-ProposedTreatmentLocation | COOR_APPDT | State Coordinator Approval Date | "State Coordinator Approval Date" | Date | | | Y | NA | The date that the State Office Pesticide Coordinator authorized a treatment proposal document. |
| FC-ProposedTreatmentLocation | CO_CM_TX | State Coordinator Comment | "State Coordinator Comment" | Text | 100 | | N | NA | A way for the State Office Pesticide Coordinator to add additional comments regarding the treatment proposal document, or an explanation of modifications made by the State Office Pesticide Coordinator. |
| FC-ProposedTreatmentLocation | ST_DIR_LE | Deputy State Director LE ID | "Deputy State Director Legal Entity ID" | Text | 50 | | Y | NA | The name of the Deputy State Director who authorized the treatment proposal document. |
| FC-ProposedTreatmentLocation | DIR_APPCD | Deputy State Director Approval Code | "Deputy State Director Approval Code" | Text | 50 | Proposal_Approval_Code | Y | NA | An indicator that denotes if the Deputy State Director authorizing the treatment proposal 'approved', 'disapproved' or 'approved with mods'. |
| FC-ProposedTreatmentLocation | DIR_APPDT | Deputy State Director Approval Date | "Deputy State Director Approval Date" | Date | | | Y | NA | The date that the Deputy State Director authorized the treatment proposal document. |
| FC-ProposedTreatmentLocation | DIR_CM_TX | Deputy State Director Comment | "Deputy State Director Comment" | Text | 100 | | N | NA | A way for the Deputy State Director to add additional comments regarding the treatment proposal document, or an explanation of modifications made by the Deputy State Director. |
| FC-ProposedTreatmentLocation | INITIAL_CD | Initial Treatment Code | "Treatment Action Class Code" | Text | 1 | Initial_Treatment_Code | N | NA | A code denoting if this is an initial or followup action. I - Initial action. F - Followup action. |
| FC-ProposedTreatmentLocation | TRT_STATUS | Treatment Completeness Status | "Treatment Completeness Status" | Text | 16 | Treatment_Status_Name | N | NA | The status of a treatment in its completeness. Values are Active/Initiated, Completed, or Proposed. |
| FC-ProposedTreatmentLocation | MGMT_CAT | Treatment Mgmt Category | "Treatment Management Category" | Text | 80 | Management_Category_Name | N | NA | Identifies the primary objective for the treatment. |
| FC-ProposedTreatmentLocation | TRT_GOAL | Treatment Goal | "Treatment Goal" | Text | 40 | Management_Action_Goal_Name | N | NA | The overall goal of the treatment. A value identifying the management action or treatment in the polygon. |
| FC-ProposedTreatmentLocation | CAUSE_CAT | Disturbance Cause Category | "Disturbance Cause Category" | Text | 30 | Treatment_Cause_Category | N | NA | The broad category of the cause of the disturbance. |
| FC-ProposedTreatmentLocation | CAUSE_DTL | Disturbance Cause Description | "Disturbance Cause Description" | Text | 40 | Treatment_Cause_Details | N | NA | The detailed description of the cause of the disturbance. |
| FC-ProposedTreatmentLocation | MGMTPLANTYPE | Type of Mgmt Plan | | Text | 100 | Activity_Plan_Type_Name | N | NA | |
| FC-ProposedTreatmentLocation | MGMTPLANID | Name of Mgmt Plan | | Text | 100 | | N | | |
| FC-ProposedTreatmentLocation | BPS_NR | BPS Number | "Budget Plan Number" | Text | 15 | | N | NA | The unique number assigned to a budget plan from the Budget Planning System (BPS). |
| FC-ProposedTreatmentLocation | IMPLEMENTER | Source of Implementation | | Text | 30 | Implementation_Mechanism_Tpe_Name | N | | |
| FC-ProposedTreatmentLocation | BURN_TY_NM | Burn Type Name | | Text | 20 | Burn_Type_Name | N | NA | |
| FC-ProposedTreatmentLocation | FIRE_NR | Fire Number | | Text | 6 | | N | NA | |
| FC-ProposedTreatmentLocation | NFPORS_PROJID | NFPORS Project ID | | Long Integer | | | N | NA | |
| FC-ProposedTreatmentLocation | NFPORS_TRTID | NFPORS Treatment ID | | Long Integer | | | N | NA | |
| FC-ProposedTreatmentLocation | RIPS_NR | RIPS Number | | Text | 6 | | N | NA | A number that identifies the range improvement project that is linked to the proposed action. Business Rule: Physical, Fire, Cultural treatments will use this as the Proposal Number. This is derived from the Range Improvement Project System (RIPS) |
| FC-ProposedTreatmentLocation | PROP_TRT_GUID | Proposed Treatment ID | | GUID | | | Y-Generated | Y-Generated | The unique, system-generated number that identifies a single occurrence of the proposed treatment entity. |
| FC-ProposedTreatmentLocation | GLOBALID | GLOBALID | | Global ID | | | Y-Generated | Y-Generated | The unique ID for each record in the database. Calculated by GIS. |

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|-------------------------------|-----------------|--|---------------------------------------|--------------|--------|-----------------------------------|--------------|-----------------|---|
| FC-TreatmentComponentLocation | CMP_TY_NM | Treatment Type | "Treatment Component Type Name" | Text | 20 | Treatment_Component_Type_Name | Y | Y | The type of treatment that is being performed. Valid values are biological, chemical, manual, mechanical, fire and revegetation. The value input here dictates which of the 6 treatmentcomponent tables a related table is generated. |
| FC-TreatmentComponentLocation | TRT_BEG_DT | Start Date | "Treatment Start Date" | Date | | | Y | Y | The date the Treatment begins - using the Gregorian Calendar. Example: A treatment can start on one day with additional applications of the same treatment on subsequent days. Business Rule: If a chemical treatment spans more than one day, a new treatment record must be completed for each day. |
| FC-TreatmentComponentLocation | TRT_END_DT | Completion Date | "Treatment Completion Date" | Date | | | Y | Y | The completion date of the Treatment - using the Gregorian Calendar. |
| FC-TreatmentComponentLocation | LOC_NM | BLM Project Name | "Location Name" | Text | 100 | domProjectName | Y | Y | The official (legal) name for the location. The lists of these names is managed via LUT, which is added to whenever a new Proposed Treatment is submitted to database. |
| FC-TreatmentComponentLocation | PHNLGY_NM | Phenology | "Plant Phenology Name" | Text | 20 | Plant_Phenology_Name | Y | Y | The predominant state or stage of the plant. Example: Seedling, Rosette, Bud, Bolt Flower, Mature, Seed Set, Senescent, Dormant (Idaho BLM Corporate Data Minimum Core Attribute Stds). |
| FC-TreatmentComponentLocation | LE_ID | Legal Entity ID | "Legal Entity ID" | Long Integer | | domPerson_Org | Y | Y | The unique, system-generated number that identifies a who is responsible for recording this treatment record (legal entity). |
| FC-TreatmentComponentLocation | ROLE_NM | Role Name | "Role Name" | Text | 20 | Role_Name | Y | Y | The role that the legal entity (person or organization) plays in relationship to another entity or function. Example: approver, applicator. |
| FC-TreatmentComponentLocation | CLCACRE_ME | Treated Calculated Acre Measurement | "Treated Calculated Acre Measurement" | Double | | | Y-Calculated | NA | The total acreage value of the treatment area, calculated using the spatial polygon. <u>Calculation</u> = GIS ACRES IN USA ALBERS (in lower 48) or Alaska Albers (in Alaska). |
| FC-TreatmentComponentLocation | BLMACRE_ME | Treated BLM Acre Measurement | "Treated BLM Acre Measurement" | Double | | | Y-Calculated | NA | The area value (rounded to tenths of acres) of a treatment that resides on BLM managed property as calculated from the overlay of the TreatmentComponentLocation and ownership layer locations that are BLM owned. Business Rule: This is calculated as an intersect overlay of all Treatment polygons and all polygons of BLM managed property at a point in time. <u>Calculation</u> = Union with Ownership layer, query records with ([SMA_CODE] = 'BLM' or 'BLM MON' or 'BLM WA'), dissolve selected records based on TRT_GUID, calculate GIS acres, insert this value into [BLMACRE_ME]. |
| FC-TreatmentComponentLocation | OTHACRE_ME | Treatment Other Ownership Acre Measurement | "Treated Non-BLM Acre Measurement" | Double | | | Y-Calculated | NA | The area value (in tenths of acres) of a treatment that resides on state and/or Federally managed land, excluding BLM land, as calculated from an intersect overlay of the treatment location and locations that are owned by the Federal Government excluding BLM. <u>Calculation</u> = Union with Ownership layer, query records with ([SMA_CODE] <> 'BLM' or 'BLM MON' or 'BLM WA' or 'PRI'), dissolve selected records based on TRT_GUID, calculate GIS acres, insert this value into [OTHERACRE_ME]. |
| FC-TreatmentComponentLocation | PRVACRE_ME | Treatment Private Acre Measurement | "Treated Private Acre Measurement" | Double | | | Y-Calculated | NA | The area value (in tenths of acres) of an infestation that resides on privately owned property as calculated from an intersect overlay of the TreatmentComponentLocation and the ownership layer locations that are privately owned. Business Rule: Treatment subject to Private Owner's permission and Landowner privacy. <u>Calculation</u> = Union with Ownership layer, query records with ([SMA_CODE] = 'PRI'), dissolve selected records based on TRT_GUID, calculate GIS acres, insert this value into [PRVACRE_ME]. |
| FC-TreatmentComponentLocation | STATE_CD | State Code | "State Code" | Text | 2 | State_Code | Y-Calculated | NA | The state code associated to the location. <u>Calculation</u> : Centroid of treatment is used to calculate state code. |
| FC-TreatmentComponentLocation | BLM_FO_CD | BLM Field Office Code | "BLM Field Office Code" | Text | 10 | domBLM_FO_CD | Y-Calculated | NA | An alphanumeric code that identifies a BLM organization. BLM FBMS code is used to denote field office. <u>Calculation</u> : Centroid of treatment is used to calculate FO code. |
| FC-TreatmentComponentLocation | COUNTY_CD | County Code | "County Code" | Text | 5 | domCounty_CD | Y-Calculated | NA | The unique identifier of the main county (FIPS Code) for this location. <u>Calculation</u> : Centroid of treatment is used to calculate County Code |
| FC-TreatmentComponentLocation | GENL_TX | General Comments | | Text | 100 | | N | NA | |
| FC-TreatmentComponentLocation | AREA_TY_NM | Treatment Area Physical Type Name | "Treatment Area Physical Type Name" | Text | 30 | Treatment_Area_Physical_Type_Name | N | NA | A label which describes the physical characteristics of the treatment area (e.g., terrestrial, aquatic, riparian, wetlands, upland, etc.). |
| FC-TreatmentComponentLocation | TEMP_TREAT_SITE | Treatment Site Category | | Text | 50 | Treatment_Site_Type_Name | N | NA | The type of site on which the treatment occurs. ex:Forestry, Rangeland, non-Cropland, Riparian, etc. This list is derived from the list of site types on pesticide labeling. |
| FC-TreatmentComponentLocation | INITIAL_CD | Initial Treatment Code | "Treatment Action Class Code" | Text | 1 | Initial_Treatment_Code | N | NA | A code denoting if this is an initial or followup action. I - Initial action. F - Followup action. |
| FC-TreatmentComponentLocation | TRT_STATUS | Treatment Completeness Status | "Treatment Completeness Status" | Text | 16 | Treatment_Status_Name | N | NA | The status of a treatment in its completeness. Values are Active/Initiated, Completed, or Proposed. |
| FC-TreatmentComponentLocation | INTRVL_NM | Inspection Interval Type Name | "Inspection Interval Type Name" | Text | 20 | Inspection_Interval_Type_Name | N | NA | The frequency in which an inspection is expected to occur. Valid values could be monthly, bi-monthly, yearly. |
| FC-TreatmentComponentLocation | DPC_TX | Desired Community Text | "Desired Community Text" | Text | 100 | | N | NA | A description of a natural community which meets the needs for present and future uses of a particular area. Example: big sagebrush/blueblunch wheatgrass. |
| FC-TreatmentComponentLocation | MGMT_CAT | Treatment Mgmt Category | "Treatment Management Category" | Text | 80 | Management_Category_Name | N | NA | Identifies the primary objective for the treatment. |
| FC-TreatmentComponentLocation | TRT_GOAL | Treatment Goal | "Treatment Goal" | Text | 40 | Management_Action_Goal_Name | N | NA | The overall goal of the treatment. A value identifying the management action or treatment in the polygon. |
| FC-TreatmentComponentLocation | CAUSE_CAT | Disturbance Cause Category | "Disturbance Cause Category" | Text | 30 | Treatment_Cause_Category | N | NA | The broad category of the cause of the disturbance. |

NISIMS 2.5 Data Dictionary - Editable Feature Classes

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|-------------------------------|---------------|-------------------------------------|---------------------------------------|--------------|--------|-----------------------------------|--------------|-----------------|---|
| FC-TreatmentComponentLocation | CAUSE_DTL | Disturbance Cause Description | "Disturbance Cause Description" | Text | 40 | Treatment_Cause_Details | N | NA | The detailed description of the cause of the disturbance. |
| FC-TreatmentComponentLocation | MGMTPLANTYPE | Type of Mgmt Plan | | Text | 100 | Activity_Plan_Type_Name | N | NA | |
| FC-TreatmentComponentLocation | MGMTPLANID | Name of Mgmt Plan | | Text | 100 | | N | | |
| FC-TreatmentComponentLocation | FINANCE_CD | Finance Code | "Finance Code" | Text | 50 | | N | NA | The BLM Cost Exception code used to track the Organization Codes, Subactivity, Program Element and Project code in the MIS financial system. |
| FC-TreatmentComponentLocation | IMPLEMENTER | Source of Implementation | | Text | 30 | Implementation_Mechanism_Tpe_Name | N | | |
| FC-TreatmentComponentLocation | COOP_FLAG | Cooperative Agreement Flag | "Cooperative Agreement Flag" | Text | 1 | Yes_No_Code | N | NA | A flag to denote whether the treatment is part of a cooperative agreement. |
| FC-TreatmentComponentLocation | ASSTAGR_NM | Assistance Agreement Number | "Assistance Agreement Number" | Text | 50 | | N | NA | The unique number that identifies an individual Assistance Agreement between cooperating parties. |
| FC-TreatmentComponentLocation | REQ_NR | Requisition Number | "Requisition Number" | Text | 50 | | N | NA | The unique number generated by the IDEAS Procurement system that identifies a contracting or purchasing action. |
| FC-TreatmentComponentLocation | CNTRCT_CD | Service Contract Code | "Service Contract Code" | Text | 20 | | N | NA | The code used to track a service contract for the treatment in the financial management system. |
| FC-TreatmentComponentLocation | TRT_UNITNO | Treatment Area Subdivision Code | "Treatment Area Subdivision Code" | Text | 8 | | N | NA | The identification code for a subdivision of the treatment area or a unit covered by a contract or project. It is comparable to a line item within the contract. |
| FC-TreatmentComponentLocation | ESR_NR | ESR Number | "ESR Number" | Text | 50 | | N | NA | The unique project number used to track and identify ES&R projects. |
| FC-TreatmentComponentLocation | ESR_TRT_FL | ESR Treatment Flag | "ESR Treatment Flag" | Text | 1 | Yes_No_Code | N | NA | A flag identifier to show which treatments are funded by the ES&R Program. |
| FC-TreatmentComponentLocation | RIPS_NR | RIP Number | "RIPS Number" | Text | 6 | | N | N | A number that identifies the range improvement project that is linked to the proposed action. Business Rule: Physical, Fire, Cultural treatments will use this as the Proposal Number. This is derived from the Range Improvement Project System (RIPS) |
| FC-TreatmentComponentLocation | FIRE_NR | Fire Number | "Fire Number" | Text | 6 | | N | NA | A four-character alphanumeric code assigned through the wildfire code system. |
| FC-TreatmentComponentLocation | FR_DSTB_FL | Fire Disturbance Caused Treatment | | Text | 50 | Yes_No_Code | N | NA | |
| FC-TreatmentComponentLocation | FUELS_FLAG | Hazardous Fuels Treatment Flag | | Text | 1 | Yes_No_Code | N | | |
| FC-TreatmentComponentLocation | NFPORS_PROJID | NFPORS Project ID | | Long Integer | | | N | NA | |
| FC-TreatmentComponentLocation | NFPORS_TRTID | NFPORS Treatment ID | | Long Integer | | | N | NA | |
| FC-TreatmentComponentLocation | FORVIS_ID | FORVIS ID | "FORVIS ID" | Text | 16 | | N | NA | The unique identifier for a stand or treatment or both within the FORVIS system. |
| FC-TreatmentComponentLocation | CMRCL_FLAG | Commercial Removal Flag | | Text | 15 | | N | NA | A flag to denote whether this removal treatment is a commercial or non-commercial removal. |
| FC-TreatmentComponentLocation | SALVG_FLAG | Salvage Removal Flag | "Salvage Flag" | Text | 1 | | N | NA | A flag to denote whether this removal is a salvage or not. |
| FC-TreatmentComponentLocation | SALIN_FLAG | Beneficial Salinity Control Effects | Beneficial Salinity Control Effects | Text | 50 | Yes_No_Code | N | NA | A flag to denote whether there are any beneficial salinity control effects. |
| FC-TreatmentComponentLocation | LGCY_FL | Legacy Data Flag | "Legacy Data Flag" | Text | 1 | Yes_No_Code | Y-Calculated | NA | A flag identifier to show those records which are considered legacy data prior to implementation of BLM Invasives Database. Y = prior to NISIMS 1, N= entered using NISIMS 1, NULL = Entered using NISIMS 2 |
| FC-TreatmentComponentLocation | TRT_GUID | Treatment ID | | GUID | | | Y-Generated | Y-Generated | This is the Primary Key that relates to other treatment tables. The unique, system-generated number that identifies a single occurrence of the treatment entity. |
| FC-TreatmentComponentLocation | GLOBALID | GLOBALID | | GUID | | | Y-Calculated | Y-Calculated | Unique ID for each record in the database. Calculated by GIS. |
| FC-WeedInfestationLocation | SCNTFC_CD | Scientific Name Code | | Text | 10 | domSCNTFC_CD | Y | Y | Species Scientific Code, based on USDA species codes. |
| FC-WeedInfestationLocation | PHNLGY_NM | Species Phenology Name | "Plant Phenology Name" | Text | 20 | Plant_Phenology_Name | N | Y | The predominant state or stage of the plant. Example: Seedling, Rosette, Bud, Bolt Flower, Mature, Seed Set, Senescent, Dormant (Idaho BLM Corporate Data Minimum Core Attribute Stds). Business Rule: May be an optional field. |
| FC-WeedInfestationLocation | EST_CVR_RT | Percent Cover | "Canopy Cover Estimated Percent Rate" | Double | | | Y | Y | The estimate of the percent of the ground covered by canopy cover of a particular species. (Canopy Cover is the area of ground covered by the vertical projection of the outermost perimeter of the natural spread of foliage of plants. Small openings within the canopy are included. [Sampling Vegetation Attributes, which is Technical Reference 1734-4). Cover will be recorded as a numeric value. If inventory procedures includes the use of cover classes such as the Greater Yellowstone Area, 10 point codes, or Daubenmire codes, the mid point of the cover class will be entered as the cover value as calculated using the calculated method. (NAWMA Definition). Example: the coverage for a 10 acre site with 100 plants is not dense, 100 plants on a 1 meter square is dense. Use Greater Yellowstone ((minimum level of accuracy): .4; Low: 2.5; use Daubenmire (greater detail): 15. Enter midpoint (numerical): 63. Business Rules: May estimate- different techniques may give you a different precision. If 100% is entered, a value should not be able to be added to "Cover Class Code". |

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| FC-WeedInfestationLocation | CVRCLSS_CD | Cover Class Code | "Cover Class Code" | Text | 1 | Cover_Class_Code | N (Y for legacy) | NA | A code indicating a range of cover class percent computed from the cover class percent value. Business Rule: Greater Yellowstone Class Code is the Minimum level of accuracy (Optional). This is only populated for legacy records. New records will use EST_CVR_RT instead of this field. There should be a Cover Class Method: generated from % cover: Now, want to assume that the Cover Class Method is always Greater Yellowstone and have this field generated based on the Percent Cover Field. |
| FC-WeedInfestationLocation | BEGIN_DT | Data Currency Begin Date | "Data Collection Begin Date" | Date | | | Y | Y | The date that the documentation of the infestation was collected in the field. |
| FC-WeedInfestationLocation | END_DT | Data Currency End Date | "Data Collection Completion Date" | Date | | | N-Calculated | NA | Documents the date that the currency of the infestation is no longer valid and has been superceded by a more recent observation. Calculated by NISIMS Desktop when a new Survey for Species A is performed that covers the extent of an existing infestation of the same species. Calculation: Date of new survey, or date that the CURRENT_CD is changed to "H". |
| FC-WeedInfestationLocation | CURRENT_CD | Infestation Status | | Text | 1 | dom_CURRENT_CD | Y | NA | The Currency of the feature: Current, Historic. This would be populated when data is checked into database, old records will be adjusted to H when newer records superceded it. Change to H when superceded by a newer record or when infestation no longer exists. When this is changed to "H", the END_DT should also be populated to depict when this feature is no longer current. |
| FC-WeedInfestationLocation | INFSTN_QY | Infestation Quantity | "Plants Quantity" | Double | | | N | N | The actual or estimated number of plants in an infestation. Business Rule: Optional. |
| FC-WeedInfestationLocation | QY_UOM_NM | Infestation Quantity UOM Type Name | "Plant Quantity UOM Type Name" | Text | 20 | Plant_Quantity_UOM_Type_Name | N | N | The name of the type of unit of measurement which will be used in conjunction with the Plants Quantity Measurement attribute. Example: per square feet, per square yard, per acre, per hectare. |
| FC-WeedInfestationLocation | QT_MTHD_TX | Infestation Quantity Method Text | "Plant Quantity Method Text" | Text | 30 | Plant_Quantity_Method_Text | N | N | A description of the method used to determine the number of the plants. |
| FC-WeedInfestationLocation | DISTRIBUTE | | | Text | 20 | | N | NA | |
| FC-WeedInfestationLocation | OBSMTHD_NM | Observation Method | "Observation Method Name" | Text | 30 | Observation_Method_Name | N | Y | A designation of the type of method that was used to depict the infestation. Examples: Ocular, Transect, Daubenmire. |
| FC-WeedInfestationLocation | GRSACRE_ME | Calculated Gross Acres | "Calculated Gross Infested Acreage Measurement" | Double | | | Y-Calculated | NA | The total area value (in Acres) of the Infestation within the perimeter of the polygon that defines the infestation, calculated from the spatial polygon. Comment: Calculated Gross Infested Acreage is preferred over the Estimated Gross Infested Acreage. Calculation = GIS ACRES IN USA ALBERS (in lower 48) or Alaska Albers (in Alaska). |
| FC-WeedInfestationLocation | NETACRE_ME | Net Infested Acres | "Net Estimated Infested Acre Measurement" | Double | | | Y-Calculated | N | The estimated area in acres that the species covers derived from Gross Infested Acres times Canopy Cover Estimated Percent. Business Rule: Needs to be calculated to Ten thousandths of an acre. Calculation = [GRSACRE_ME] * ([EST_CVR_RT]/100). |
| FC-WeedInfestationLocation | INFSTLE_ID | Legal Entity ID | "Legal Entity ID" | Long Integer | | domPerson_Org | Y | Y | The unique, system-generated number that identifies a single occurrence of an organization or person (legal entity). |
| FC-WeedInfestationLocation | ROLE_NM | Role Name | "Role Name" | Text | 20 | Role_Name | Y | Y | The role that the legal entity (person or organization) plays in relationship to the information collection of an infestation. Example: employee, contractor, etc. |
| FC-WeedInfestationLocation | GENL_TX | General Infested Area Text | "General Invasive Species Infested Area Text" (Previously known as "General Weed Infested Area Text") | Text | 100 | | N | N | An overall description of the area within the infestation. |
| FC-WeedInfestationLocation | SPFC_TX | Specific Infested Area Text | "Specific Invasive Species Infested Area Text" (Previously known as "Specific Weed Infested Area Text") | Text | 100 | | N | NA | A detailed description of the area within the infestation. |
| FC-WeedInfestationLocation | LOC_NM | Location Name | "Location Name" | Text | 100 | | N | NA | The official (legal) name for the location. |
| FC-WeedInfestationLocation | DSCRV_DT | Discovery Date | "Invasive Species Infestation Discovery Date" (Previously known as "Weed Infestation Discovery Date") | Date | | | N | NA | The date the infestation was first observed in the field. It does not refer to the date that the information was entered into the computer. Example: Documented report (does not have to be a complete report), "Species and specific location," Map with dot on it. May be the same as BEGIN_DT |
| FC-WeedInfestationLocation | VERIF_DT | Verification Date | "Verification Date" | Date | | | N | NA | The date a reported infestation is actually verified. |
| FC-WeedInfestationLocation | VERIF_NM | Verification Status | "Verification Status Name" | Text | 30 | Verification_Status_Name | N-Calculated | NA | The status of the verification of a species identification. Business Rule; Values: does not need to be verified, does need verification, has been verified. Calculated by NISIMS desktop as "NEEDS VERIFICATION" whenever an infestation is auto generated based on the extent of a treatment polygon, which happens if a treatment is mapped where there is no infestation of a treated species mapped in the database. |
| FC-WeedInfestationLocation | PHYSLMT_TX | Physical Access Limitation Text | "Physical Access Limitation Text" | Text | 100 | | N | NA | The limitations that apply to the physical access of an infestation. |
| FC-WeedInfestationLocation | ACSMODE_NM | Physical Access Mode Name | "Physical Access Mode Name" | Text | 20 | Physical_Access_Mode_Name | N | NA | A description of the transportation mode needed to access the infestation. Example: walk in, horse, ATV, non-accessible, 2 wheel drive, 4 wheel drive, air. |
| FC-WeedInfestationLocation | ME_ACRE_CD | Infestation Measurement Accuracy Code | "Infestation Measurement Accuracy Code" | Text | 5 | Measurement_Accuracy_Code | N | NA | A Location's accuracy code which indicates how close to the true geographic location on the ground a GIS entity has been recorded. Example: GPS1-3; Man 1-8; Township/Range (TR)-TR10, TR40, TR160, TR320, TR640. |

NISIMS 2.5 Data Dictionary - Editable Feature Classes

| Item | Col Name | Alias | Data Element | Data Type | Length | Domain | Required | Mobile Required | Description |
|----------------------------|------------|---------------------------------|--|--------------|--------|-----------------------|--------------|-----------------|---|
| FC-WeedInfestationLocation | CNTR_PT_CN | Center Point | "Invasive Species Infestation Location Center Point Coordinate" (Previously known as "Weeds Infestation Location Center Point Coordinate") | Text | 50 | | Y-Calculated | NA | The center of the infestation area or the center of the polygon, which defines it. (NAWMA) Calculation: the centroid of the infestation x,y using USA Albers (for lower 48) or Alaska Albers (for Alaska). |
| FC-WeedInfestationLocation | STATE_CD | State Code | "State Code" | Text | 2 | State_Code | Y-Calculated | NA | The state code associated to the location. Calculation: Centroid of infestation is used to calculate state code. |
| FC-WeedInfestationLocation | BLM_FO_CD | BLM Field Office Code | "BLM Field Office Code" | Text | 10 | domBLM_FO_CD | Y-Calculated | NA | An alphanumeric code that identifies a BLM organization. BLM FBMS code is used to denote field office. Calculation: Centroid of infestation is used to calculate FO code. |
| FC-WeedInfestationLocation | COUNTY_CD | County Code | "County Code" | Text | 5 | domCounty_CD | Y-Calculated | NA | The unique identifier of the main county (FIPS Code) for this location. Calculation: Centroid of infestation is used to calculate County Code |
| FC-WeedInfestationLocation | LGCY_FL | Legacy Data Flag | "Legacy Data Flag" | Text | 1 | Yes_No_Code | Y-Calculated | NA | A flag identifier to show those records which are considered legacy data prior to implementation of BLM Invasives Database. Y = prior to NISIMS 1, N= entered using NISIMS 1, NULL = Entered using NISIMS 2 |
| FC-WeedInfestationLocation | WBSCODE | Work Breakdown Structure Code | "Work Breakdown Structure Number" | Integer | | | UNK | UNK | The WBS (Work Breakdown Structure Number) funding code to tie back to the FBMS (Financial Business Management System). To be used for RIPS projects and not invasive infestations. |
| FC-WeedInfestationLocation | INF_GUID | Infestation ID | | GUID | | | Y-Generated | Y-Generated | This is the Primary Key. The unique, system-generated number that identifies a single occurrence of the Infestation entity. |
| FC-WeedInfestationLocation | GLOBALID | GLOBALID | | GUID | | | Y-Generated | Y-Generated | Unique ID for each record in the database. Calculated by GIS. |
| FC-WeedSurveyLocation | BEGIN_DT | Invasive Survey Begin Date | "Data Collection Begin Date" | Date | | | Y | Y | The date that the survey was started. It does not refer to the date that the survey information was entered into the database. (NAWMA) |
| FC-WeedSurveyLocation | END_DT | Invasive Survey Completion Date | "Data Collection Completion Date" | Date | | | Y | Y | The date that the survey was completed. It does not refer to the date that that the survey information was entered into the database. (NAWMA) |
| FC-WeedSurveyLocation | WSA_TY_NM | Survey Method | "Invasive Species Survey Type Name" (Previously known as "Weeds Survey Type Name") | Text | 10 | Weed_Survey_Type_Name | Y | Y | The method used to conduct the survey. Observation refers to surveys that were conducted by direct observation or visiting the site of the infestation. The observations can be made in many ways helicopters, vehicles, horseback or on foot. The second option is remote sensing. This refers to any survey that was conducted by using aerial photography, satellite imagery or any method where the infestation was not directly observed. (NAWMA) Example: Observed, remote. |
| FC-WeedSurveyLocation | LE_ID | Surveyor | "Legal Entity ID" | Long Integer | | domPerson_Org | Y | Y | The unique, system-generated number that identifies a single occurrence of an organization or person (legal entity). |
| FC-WeedSurveyLocation | SRVY_ME | Surveyed Area | "Surveyed Area Size Measurement in Acres" | Double | | | Y-Calculated | NA | The measure of the area value of the entire land area that was surveyed for invasive species, whether invasive species were found or not, expressed in acres. |
| FC-WeedSurveyLocation | CNTR_PT_CN | Center Point | "Invasive Species Infestation Location Center Point Coordinate" (Previously known as "Weeds Infestation Location Center Point Coordinate") | Text | 50 | | Y-Calculated | NA | The center of the survey area or the center of the survey polygon, which defines it. (NAWMA) Calculation: the centroid of the survey x,y using USA Albers (for lower 48) or Alaska Albers (for Alaska). |
| FC-WeedSurveyLocation | STATE_CD | State Code | "State Code" | Text | 2 | State_Code | Y-Calculated | NA | The state code associated to the location. Calculation: Centroid of infestation is used to calculate state code. |
| FC-WeedSurveyLocation | BLM_FO_CD | BLM Field Office Code | "BLM Field Office Code" | Text | 10 | domBLM_FO_CD | Y-Calculated | NA | An alphanumeric code that identifies a BLM organization. BLM FBMS code is used to denote field office. Calculation: Centroid of infestation is used to calculate FO code. |
| FC-WeedSurveyLocation | COUNTY_CD | County Code | "County Code" | Text | 5 | domCounty_CD | Y-Calculated | NA | The unique identifier of the main county (FIPS Code) for this location. Calculation: Centroid of infestation is used to calculate County Code |
| FC-WeedSurveyLocation | SURV_GUID | Survey ID | | GUID | | | Y-Generated | Y-Generated | The unique, system-generated number that identifies a single occurrence of the survey entity. This is the Primary Key. |
| FC-WeedSurveyLocation | GLOBALID | GLOBALID | | GUID | | | Y-Generated | Y-Generated | The unique ID for each record in the database. Calculated by GIS. |

NISIMS 2.5 - Editable Related Tables

| Item | Col Name | Alias | Data Element | Data Type | Length | Domain | Required | Mobile Required | Description |
|---------------------------------|---------------|--|--|--------------|--------|---|--------------|-----------------|--|
| RelTbl-ADJUVANTCOMPONENTAGENT | TRADE_NM | Adjuvant Trade Name | "Manufacturer Trade Name" | Text | 40 | domEnhancement | Y | Y | The trade name of the chemical agent from the manufacturer. Example: FOAM BUSTER, HIGHLIGHT |
| RelTbl-ADJUVANTCOMPONENTAGENT | ACTLUSE_QY | Agent Amount | "Chemical Agent Actual Use Quantity" | Double | | | N | NA | The quantity of the agent used for the treatment, expressed in Chemical Agent UOM Type Name (e.g., pounds, gallons, etc) |
| RelTbl-ADJUVANTCOMPONENTAGENT | AGT_UOM_NM | Agent UOM | "Chemical Agent UOM Type Name" | Text | 30 | Adjuvant_UOM_Type_Name | N | NA | The unit of measure that relates to the Control Agent Used Quantity that designates the application rate of the agent. examples: quarts per acre, ounces per acre, pints per acre or percentage |
| RelTbl-ADJUVANTCOMPONENTAGENT | AGT_APP_RT | Application Rate | "Chemical Application Rate" | Double | | | Y | Y | The rate of the control agent to be applied for the treatment, expressed in application rate UOM. |
| RelTbl-ADJUVANTCOMPONENTAGENT | APP_UOM_NM | Application Rate UOM | "Chemical Application Rate UOM" | Text | 30 | Application_Rate_UOM_Type_Name | Y | Y | The UOM of the application rate. |
| RelTbl-ADJUVANTCOMPONENTAGENT | TRT_GUID | Treatment ID | | GUID | | | Y-Generated | Y-Generated | The unique, system-generated number that identifies a single occurrence of the treatment entity. Foreign Key from CHEMICALCOMPONENT, this value can be duplicated in this table, 1:M relationship to CHEMICALCOMPONENT |
| RelTbl-ADJUVANTCOMPONENTAGENT | GLOBALID | GLOBALID | | Global ID | | | Y-Generated | Y-Generated | Unique ID for each record in the database. Calculated by GIS. |
| RelTbl-ASSOCIATEDCHARACTERISTIC | LU_CTGY_NM | Land Use Category Name | "Land Use Category Name" | Text | 40 | Land_Use_Category_Name | Y | Y | A description of a specific category of Land Use. Example: Boat launch, burned, chained, buildings, dirt road, drainage ditch, grazing (domestic), grazing (wildlife), logging, mining, fence line, ORV Activity, Paved road, recreation site, sensitive site, trailside, trailhead, urban development, transportation corridor, water impoundment, Other (EP) |
| RelTbl-ASSOCIATEDCHARACTERISTIC | LU_CMT_TX | Land Use Comment Text | "Land Use Comment Text" | Text | 50 | | N | NA | A writeup of specific details of the activity, use, or condition of the land at a Location observed at a point in time. |
| RelTbl-ASSOCIATEDCHARACTERISTIC | INF_GUID | Infestation ID | | GUID | | | Y-Generated | Y-Generated | This is the Foreign Key. There is a 0:M relationship between this field and WeedInfestationLocation reference. The unique, system-generated number that identifies a single occurrence of the Infestation entity. |
| RelTbl-ASSOCIATEDCHARACTERISTIC | GLOBALID | GLOBALID | | GUID | | | Y-Generated | Y-Generated | Unique ID for each record in the database. Calculated by GIS. |
| RelTbl-BIOLOGICALCOMPONENT | BIO_SCNTFC_CD | Bio Control Species | | Text | 10 | domApprovBioControl | Y | Y | The bio control species being released. |
| RelTbl-BIOLOGICALCOMPONENT | SPC_USE_QY | Number Released | "Estimated Control Agent Used Quantity" | Long Integer | | | Y | Y | The number of plants or fungi or animals that were used for a biological agent treatment. |
| RelTbl-BIOLOGICALCOMPONENT | RLSDRCT_TX | Treatment Agent Release Direction Text | "Treatment Agent Release Direction Text" | Text | 3 | Treatment_Wind_Direction_Code | N | NA | The direction code in which the Treatment biological or control agent is released (e.g., E, ENE, ESE, etc.). |
| RelTbl-BIOLOGICALCOMPONENT | BCP_NR | Bio Control Release Proposal Number | | Text | 20 | domBioControlPropNumber | Y | Y | The BCARP # that authorizes the treatment. The identifier of the Bio Control Proposal. (Format: FBMS FieldOfficeCode, "-", 2-digit Year, "-", 3 digit sequential #, "-", "B" (for BCARP) |
| RelTbl-BIOLOGICALCOMPONENT | CVRAREA_ME | Coverage Area Measurement | "Coverage Area Measurement" | Double | | | Y-Calculated | NA | The specific size of the area that is being treated for a specific treatment component, used in conjunction with the Coverage Area UOM Type Name. It is always calculated in Acres. Calculation: GIS Acres. This is derived from the treatment polygon area. |
| RelTbl-BIOLOGICALCOMPONENT | CVR_UOM_NM | Coverage Area UOM Type Name | "Coverage Area UOM Type Name" | Text | 20 | Coverage_Area_UOMType_Name | Y | NA | The unit of measurement used to describe the size of the area being revegetated. This can be in acres, meters, feet. It is always calculated in ACRES. |
| RelTbl-BIOLOGICALCOMPONENT | LFCYCLE_NM | Agent Life Cycle | "Agent Life Cycle" | Text | 20 | Agent_Life_Cycle_Name | Y | Y | The predominant state or stage of the biological agent (e.g. pupa, larva, egg, adult) at the time of a treatment. |
| RelTbl-BIOLOGICALCOMPONENT | PRTCMTH_TX | Treatment Agent Protection Method Text | "Treatment Agent Protection Method Text" | Text | 30 | Protection_Method_Text | Y | Y | A description of how the Treatment (biological or control agent) is protected. Sign, Gate, Closure, Tent, Livestock enclosure. (Previously known as PRTCMTH_TX) |
| RelTbl-BIOLOGICALCOMPONENT | FA_AIR_ME | Temperature | "Treatment Air Temperature Degrees Fahrenheit Measurement" | Double | | | Y | Y | The temperature of the air, in degrees Fahrenheit, at the beginning of the treatment. |
| RelTbl-BIOLOGICALCOMPONENT | WNDMPH_ME | Wind Speed | "Treatment Wind Velocity MPH Measurement" | Double | | | Y | Y | The velocity of the wind, in Miles Per Hour, at the time that the treatment is performed. |
| RelTbl-BIOLOGICALCOMPONENT | WNDRCT_CD | Wind Direction | "Treatment Wind Direction Code" | Text | 3 | Treatment_Wind_Direction_Code | Y | Y | The direction FROM WHICH the wind is blowing at the time that the treatment begins. (Refer to NOAA or Weather Bureau definition). Example: NW, ESE. |
| RelTbl-BIOLOGICALCOMPONENT | SL_MOIS_NM | Soil Surface Moisture Type Name | "Soil Surface Moisture Type Name" | Text | 20 | Treatment_Soil_Surface_Moisture_Type_Name | Y | Y | The description of the relative Moisture present in the soil at the time that the Treatment Application begins. Example: dry, moist, wet. |
| RelTbl-BIOLOGICALCOMPONENT | HSTMATL_NM | Biological Agent Host Material Name | "Biological Agent Host Material Name" | Text | 40 | | N | NA | The type of material that comes with the biological agent such as something for the agent to eat. If a treatment BCARP proposal exists in the database, this field can be calculated by querying the BCP_NR and using the value in PROPOSALBIOCOMPONENTAGENT.HSTMATL_NM |
| RelTbl-BIOLOGICALCOMPONENT | PRMTREQ_FL | Transfer Permit Flag | "Transfer Permit Required Indicator" | Text | 1 | Yes_No_Domain | N | NA | An indicator denoting if a transfer permit is required for a biological agent that is being transferred between locations. Values: Y(es), N(o). If a treatment BCARP proposal exists in the database, this field can be calculated by querying the BCP_NR and using the value in PROPOSALBIOCOMPONENTAGENT.PRMTREQ_FL |
| RelTbl-BIOLOGICALCOMPONENT | PRMT_NR | Transfer Permit Number | "Transfer Permit Number" | Text | 15 | | N | NA | The number of the permit that is required when a biological agent is transferred between locations. If a treatment BCARP proposal exists in the database, this field can be calculated by querying the BCP_NR and using the value in PROPOSALBIOCOMPONENTAGENT.PRMT_NR |
| RelTbl-BIOLOGICALCOMPONENT | PRMT_DT | Transfer Permit Received Date | "Transfer Permit Received Date" | Date | | | N | NA | The date the transfer permit is received for when a biological agent is transferred between locations. If a treatment BCARP proposal exists in the database, this field can be calculated by querying the BCP_NR and using the value in PROPOSALBIOCOMPONENTAGENT.PRMT_DT |

NISIMS 2.5 - Editable Related Tables

| Item | Col Name | Alias | Data Element | Data Type | Length | Domain | Required | Mobile Required | Description |
|---------------------------------|-----------------------|--------------------------------------|---|--------------|--------|--|--------------|-----------------|---|
| RelTbl-BIOLOGICALCOMPONENT | SRCE_LE_ID | Source Legal Entity ID | "Legal Entity ID" | Long Integer | | | N | NA | The unique, system-generated number that identifies a single occurrence of an organization or person (Legal Entity). |
| RelTbl-BIOLOGICALCOMPONENT | AUT_LE_ID | Authority Legal Entity ID | "Legal Entity ID" | Long Integer | | | N | NA | The unique, system-generated number that identifies a single occurrence of the authority legal entity. |
| RelTbl-BIOLOGICALCOMPONENT | ORG_ID | Organization ID | "Legal Entity ID" | Long Integer | | | N | NA | The unique, system-generated number that identifies a single occurrence of an organization (Legal Entity). If a treatment BCARP proposal exists in the database, this field can be calculated by querying the BCP_NR and using the value in PROPOSALBIOCOMPONENTAGENT.ORG_ID |
| RelTbl-BIOLOGICALCOMPONENT | CLLCNTY_NM | Collection County | "Collection County" | Text | 50 | domCounty_CD | N | NA | The County where the biological agent was collected for this release. If a treatment BCARP proposal exists in the database, this field can be calculated by querying the BCP_NR and using the value in PROPOSALBIOCOMPONENTAGENT.CLLCNTY_NM |
| RelTbl-BIOLOGICALCOMPONENT | COLLECT_DT | Collection Date | "Collection Date" | Date | | | N | NA | The date a Biological agent was collected for use in a release. |
| RelTbl-BIOLOGICALCOMPONENT | CLSTATE_CD | Collection State | "Collection State" | Text | 2 | State_Code | N | NA | The state where the Biological agent was collected for a release. If a treatment BCARP proposal exists in the database, this field can be calculated by querying the BCP_NR and using the value in PROPOSALBIOCOMPONENTAGENT.CLSTATE_CD |
| RelTbl-BIOLOGICALCOMPONENT | BIO_TRT_TY | Biological Treatment Type | | Text | 20 | Bio_Treat_Type | | | |
| RelTbl-BIOLOGICALCOMPONENT | TRT_GUID | Treatment ID | | GUID | | | Y-Generated | Y-Generated | The unique, system-generated number that identifies a single occurrence of the treatment entity. Foreign Key from TreatmentComponentLocation, this value should not be duplicated in this table, 1:1 relationship to TreatmentComponentLocation |
| RelTbl-BIOLOGICALCOMPONENT | GLOBALID | GLOBALID | | GUID | | | Y-Calculated | Y-Calculated | Unique ID for each record in the database. Calculated by GIS. |
| RelTbl-CHEMICALCOMPCONTROLAGENT | TRADE_NM | Trade Name | "Manufacturer Trade Name" | Text | 40 | domChemCompAgent | Y | Y | The trade name of the chemical agent from the manufacturer. Example: Aatrex, Banvel, Garlon |
| RelTbl-CHEMICALCOMPCONTROLAGENT | MNFCTR_NM | Manufacturer | "Manufacturer Name" | Text | 30 | Manufacturer_Name | N | NA | The name of the Manufacturer of the chemical agent. |
| RelTbl-CHEMICALCOMPCONTROLAGENT | EPAREGISTRATIONNUMBER | EPA Registration Number | | Text | 50 | | Y | Y | The EPA registration number. |
| RelTbl-CHEMICALCOMPCONTROLAGENT | ACTLUSE_QY | Pesticide Amount | "Chemical Agent Actual Use Quantity" | Double | | | Y-Calculated | NA | The quantity of the control agent used for the treatment, expressed in Control Agent UOM Type Name (e.g., pounds, gallons, etc). Calculation: if [APP_UOM_NM] = 'PERCENT SOLUTION' then [ACTLUSE_QY] = ([AGT_APP_RT]/100). If [APP_UOM_NM] <> 'PERCENT SOLUTION' then [ACTLUSE_QY] = ([AGT_APP_RT]*[ESTACRE_ME]) |
| RelTbl-CHEMICALCOMPCONTROLAGENT | AGT_UOM_NM | Pesticide UOM | "Chemical Agent UOM Type Name" | Text | 30 | Chemical_Agent_UOM_Type_Name | Y-Calculated | NA | The unit of measure that relates to the Control Agent Used Quantity that designates the quantity of the control agent used for the treatment. Examples: quarts, ounces, pints or percentage. Calculation: if [APP_UOM_NM] = 'PERCENT SOLUTION' then [AGT_UOM_NM] = [CHEMICALCOMPONENT.CARRUOM_NM]. If [APP_UOM_NM] <> 'PERCENT SOLUTION' then [AGT_UOM_NM] = (RTRM ([APP_UOM_NM], 8)) |
| RelTbl-CHEMICALCOMPCONTROLAGENT | AGT_APP_RT | Application Rate | "Chemical Application Rate" | Double | | | Y | Y | The rate of the control agent to be applied for the treatment, expressed in application rate UOM. |
| RelTbl-CHEMICALCOMPCONTROLAGENT | APP_UOM_NM | Application Rate UOM | "Chemical Application Rate UOM" | Text | 30 | Application_Rate_UOM_Type_Name | Y | Y | The UOM of the application rate. Example: PERCENT SOLUTION, GALLONS PER ACRE |
| RelTbl-CHEMICALCOMPCONTROLAGENT | RCMDCCA_ME | Label Recommended | "Recommended Chemical Agent Measurement" | Double | | | N | NA | The recommended amount of chemical agent to use per acre which is listed on the label of the agent. |
| RelTbl-CHEMICALCOMPCONTROLAGENT | CCA_UOM_NM | Recommended UOM | "Unit of Measurement Type Name" | Text | 30 | Chemical_Agent_UOM_Type_Name - most values missing | Y | NA | The unit of measurement that is on the label of the chemical agent. Domain: pounds per gallon, percentage |
| RelTbl-CHEMICALCOMPCONTROLAGENT | TRT_GUID | Treatment ID | | GUID | | | Y-Generated | Y-Generated | The unique, system-generated number that identifies a single occurrence of the treatment entity. Foreign Key from CHEMICALCOMPONENT, this value can be duplicated in this table, 1:M relationship to CHEMICALCOMPONENT |
| RelTbl-CHEMICALCOMPCONTROLAGENT | CONAGT_GUID | Control Agent ID | | GUID | | | Y-Generated | Y-Generated | The unique, system-generated number that identifies a single occurrence of this chemical agent entity. Primary Key for relationship with CHEMICALCOMPONENTUSERATE table |
| RelTbl-CHEMICALCOMPCONTROLAGENT | GLOBALID | GLOBALID | | GUID | | | Y-Generated | Y-Generated | Unique ID for each record in the database. Calculated by GIS. |
| RelTbl-CHEMICALCOMPONENT | PUP_NR | Pesticide Use Proposal Number | "Pesticide Use Proposal Number" | Text | 20 | domPUP_Number | Y | Y | The PUP # that authorizes the treatment. The identifier of the Pesticide Use Proposal. (Format: FBMS FieldOfficeCode, "-", 2-digit Year, "-", 3 digit sequential #, "-", P (for PUP)) |
| RelTbl-CHEMICALCOMPONENT | ESTACRE_ME | Treated Estimated Acres Measurement | "Treated Estimated Acres Measurement" | Double | | | Y-Calculated | NA | A calculation of the number of acres in which a Treatment has been applied. Calculation: GIS Acres of treatment if BROADCAST or < GIS Acres if SPOT. |
| RelTbl-CHEMICALCOMPONENT | TRT_BEG_TM | Start Time | "Treatment Start Time" | Text | 11 | | Y | Y | The time of day that the treatment begins - using military time. Business Rule: Required for Chemical treatment; Stored in Military time example: 2400. |
| RelTbl-CHEMICALCOMPONENT | TRT_END_TM | End Time | "Treatment Completion Time" | Text | 11 | | Y | Y | The time of day that the treatment ends - using military time. Business Rule: Required for Chemical treatment; Stored in Military time example: 2400. |
| RelTbl-CHEMICALCOMPONENT | WTRDIST_TX | Distance to Water | "Treatment Distance To Water Measurement" | Text | 30 | Treatment_Distance_To_Water | Y | Y | The measurement of the distance between the closest point of the treatment and the nearest body of water. Business Rule: Referenced in the EA and EIS. |
| RelTbl-CHEMICALCOMPONENT | DLVR_NM | Delivery Method | "Treatment Delivery Method Name" | Text | 10 | Treatment_Delivery_Method_Type_Name | Y | Y | The method used to apply the treatment (e.g., air, ground). |
| RelTbl-CHEMICALCOMPONENT | PTRN_NM | Treatment Coverage Pattern Type Name | "Treatment Coverage Pattern Type Name" | Text | 10 | Treatment_Coverage_Pattern_Type_Name | Y | Y | The coverage pattern of the dispersal of the control agent. Example: For a Delivery Method of "Ground" - valid values are Spot, Broadcast, or Band. If [PTRN_NM] = 'BROADCAST' then Chemical Agent Rates cannot be 'PERCENT SOLUTION' |
| RelTbl-CHEMICALCOMPONENT | CARR_TY_NM | Carrier | "Carrier Type Name" | Text | 10 | Chemical_Component_Carrier_Type_Name | Y | Y | The type of propellant which is used to disperse the control agent compound. Example: water, oil |
| RelTbl-CHEMICALCOMPONENT | CARRVOL_ME | Carrier Volume | "Carrier Volume Measurement" | Double | | | Y | Y | The total volume of liquid mix applied. If 'Broadcast' is chosen as the pattern, this field is not required. Example: 14.5 (gallons). This field is not required if the [PTRN_NM] = 'BROADCAST' or if [CARR_TY_NM] = 'NONE' |
| RelTbl-CHEMICALCOMPONENT | CARRUOM_NM | Carrier UOM | "Carrier UOM Type Name" | Text | 20 | Chemical_Component_Carrier_UOM_Type_Name | Y | Y | The type of unit of measure that is used to describe the Chemical Component Carrier Measurement. Example: Gallons. This field is not required if the [PTRN_NM] = 'BROADCAST' or if [CARR_TY_NM] = 'NONE' |
| RelTbl-CHEMICALCOMPONENT | EQ_TY_NM | Equipment Type Name | "Equipment Type Name" | Text | 20 | Equipment_Type_Name | Y | Y | A description of the kind of equipment (e.g., an airplane, a truck, a helicopter, etc.) being used to perform a treatment. |

NISIMS 2.5 - Editable Related Tables

| Item | Col Name | Alias | Data Element | Data Type | Length | Domain | Required | Mobile Required | Description |
|---------------------------------|------------|--|--|-----------|--------|--|--------------|-----------------|--|
| RelTbl-CHEMICALCOMPONENT | EQ_PRTY_NM | Equipment Priority Name | "Equipment Priority Name" | Text | 10 | | N | NA | The designation of whether this is the primary or secondary equipment used for a treatment. |
| RelTbl-CHEMICALCOMPONENT | EQ_OUT_RT | Calibration Rate | "Application Equipment Output Rate" | Double | | | Y | Y | The rate at which a given piece of equipment is calibrated for output in terms of a volume measurement per acre. This field is not required if [CARR_TY_NM] = 'NONE' |
| RelTbl-CHEMICALCOMPONENT | EQ_UOM_NM | Calibration UOM | "Application Equipment Output UOM Type Name" | Text | 20 | Equipment_Output_UOM_Type_Name | Y | Y | The unit of measurement associated with the application equipment output rate. This field is not required if [CARR_TY_NM] = 'NONE' |
| RelTbl-CHEMICALCOMPONENT | EQ_CAP_TX | Equipment Storage Capacity Text | "Equipment Storage Capacity Text" | Text | 40 | | N | NA | A description of the amount of material or liquid that a piece of equipment can hold or carry. |
| RelTbl-CHEMICALCOMPONENT | EQ_PRPS_TX | Equipment Purpose Text | "Equipment Purpose Text" | Text | 20 | Equipment_Purpose_Name | N | NA | The main purpose for a piece of equipment, whether for spraying, mechanical vegetation manipulation, or other purpose. |
| RelTbl-CHEMICALCOMPONENT | FA_AIR_ME | Temperature | "Treatment Air Temperature Degrees Fahrenheit Measurement" | Double | | | Y | Y | The temperature of the air, in degrees Fahrenheit, at the beginning of the treatment. |
| RelTbl-CHEMICALCOMPONENT | HUMID_RT | Relative Humidity | "Treatment Humidity Rate" | Double | | | Y | Y | The relative percentage of humidity at the time that the treatment begins. Optional Business Rule: If the application method or treatment agent specifies humidity parameters, this will be a required field. |
| RelTbl-CHEMICALCOMPONENT | WNDMPH_ME | Wind Speed | "Treatment Wind Velocity MPH Measurement" | Double | | | Y | Y | The velocity of the wind, in Miles Per Hour, at the time that the treatment is performed. |
| RelTbl-CHEMICALCOMPONENT | WNDDRCT_CD | Wind Direction | "Treatment Wind Direction Code" | Text | 3 | Treatment_Wind_Direction_Code | Y | Y | The direction FROM WHICH the wind is blowing at the time that the treatment begins. (Refer to NOAA or Weather Bureau definition). Example: NW, ESE. Business Rule: None when wind velocity is 0 |
| RelTbl-CHEMICALCOMPONENT | SL_MOIS_NM | Soil Surface Moisture Type Name | "Soil Surface Moisture Type Name" | Text | 20 | Treatment_Soil_Surf_Moisture_Type_Name | N | NA | The description of the relative Moisture present in the soil at the time that the Treatment Application begins. Example: dry, moist, wet. Business Rules: Optional. |
| RelTbl-CHEMICALCOMPONENT | PRECIP_NM | Precipitation Type Name | "Precipitation Type Name" | Text | 10 | Treatment_Precip_Type_Name | N | NA | The nature of the precipitation that occurred. This could affect treatment effectiveness or offsite movement. Example: None, Drizzle, Fog, Downpour, Shower, Hail, Snow, Sleet, Other, etc. Comment: Record if the time frame has a bearing on Application effectiveness. |
| RelTbl-CHEMICALCOMPONENT | P_AFTER_QY | Estimated Elapsed Time after Treatment Hours QTY | "Estimated Elapsed Time After Treatment Precipitation Hours Qty" | Double | | | N | NA | The estimated amount of time (in hours) that elapsed from the end of a treatment application to the beginning of a Precipitation event. Example: 1 hour, 24 hours. Comment: For Herbicide treatment it is important to note within 24 hours. For a Seeding treatment record it is important to note when moisture did come. |
| RelTbl-CHEMICALCOMPONENT | CH_PRPS_NM | Chemical Component Purpose Name | "Chemical Component Purpose Name" | Text | 25 | Chemical_Component_Purpose_Name | N | NA | This designates if a chemical component was used for 'invasive species control' or 'revegetation' (fertilizer). |
| RelTbl-CHEMICALCOMPONENT | RLSDRCT_TX | Application Direction | "Control Agent Release Direction Text" | Text | 3 | Treatment_Wind_Direction_Code | N | NA | The direction in which the Control Agent is released (e.g., to the South, to the North, etc.). |
| RelTbl-CHEMICALCOMPONENT | PRTCMTH_TX | Protection Method | "Control Agent Protection Method Text" | Text | 100 | | N | NA | A description of how the Control Agent is protected. (Previously known as PRTCMTH_TX) |
| RelTbl-CHEMICALCOMPONENT | TRT_GUID | Treatment ID | | GUID | | | Y-Generated | Y-Generated | The unique, system-generated number that identifies a single occurrence of the treatment entity. Foreign Key from TreatmentComponentLocation, this value should not be duplicated in this table, 1:1 relationship to TreatmentComponentLocation. This is the Primary Key to both the CHEMICALCOMPCONTROLAGENT & ADJUVANTCOMPONENTAGENT |
| RelTbl-CHEMICALCOMPONENT | GLOBALID | GLOBALID | | GUID | | | Y-Calculated | Y-Calculated | Unique ID for each record in the database. Calculated by GIS. |
| RelTbl-CHEMICALCOMPONENTUSERATE | TRADE_NM | Trade Name | "Manufacturer Trade Name" | Text | 50 | domChemCompAgent | Y-Calculated | NA | The trade name of the chemical agent from the manufacturer. Example: Aatrex, Banvel, Garlon. Calculation: This value is populated from [TRADE_NM] in CHEMICALCOMPCONTROLAGENT table. |
| RelTbl-CHEMICALCOMPONENTUSERATE | CHMCMN_NM | Chemical Agent Component Name | "Chemical Agent Common Name" | Text | 50 | | Y-Calculated | NA | The active ingredient, known as the common name of the chemical agent that was given to the agent when it was first developed, only one common name per a chemical control agent. Calculation: NISIMS tools take [TRADE_NM] + [MNFCTR_NM] + [EPAREGISTRATIONNUMBER] from the record in CHEMCOMPCONTROLAGENT and find the corresponding value in the LU_CHEMCTRLACTIVEINGREDIENT, then extract [CHMCMN_NM] from that table and calculate it here. If a Trade Name has multiple chemical ingredients listed in the LUT then it get one line in this table for each chemical ingredient listed in the LU table, using the same [TRADE_NM] and [CONAGENT_GUID]. |
| RelTbl-CHEMICALCOMPONENTUSERATE | ACID_EQ_ME | Acid Equivalent Amount | "Acid Equivalent Amount" | Double | | | Y-Calculated | NA | The amount of acid equivalent applied in pounds. The Trade Name & Chemical Name are taken from this table and looked up in LU_CHEMCTRLACTIVEINGREDIENT table to get AE rate & chemical formulation. If a liquid formulation, then calculate = (CHEMICALCOMPCONTROLAGENT.[ACTLUSE_QY] converted to gallons)* LU_CHEMCTRLACTIVEINGREDIENT.[CNCNTRT_RT] --- If chemical is a dry formulation, then calculate: (CHEMICALCOMPCONTROLAGENT.[ACTLUSE_QY] converted to pounds)* (LU_CHEMCTRLACTIVEINGREDIENT.[CNCNTRT_RT]/100). Chemical will either have [ACID_EQ_ME] or [ACT_ING_ME] value but not both. Determine whether AE or AI by looking in LU_CHEMCTRLACTIVEINGREDIENT.[CNCNTRT_NM] |
| RelTbl-CHEMICALCOMPONENTUSERATE | ACT_ING_ME | Active Ingredient Amount | "Active Ingredient Amount" | Double | | | Y-Calculated | NA | The amount of active ingredient applied in pounds. The Trade Name & Chemical Name are taken from this table and looked up in LU_CHEMCTRLACTIVEINGREDIENT table to get AI rate & chemical formulation. If a liquid formulation, then calculate = (CHEMICALCOMPCONTROLAGENT.[ACTLUSE_QY] converted to gallons)* LU_CHEMCTRLACTIVEINGREDIENT.[CNCNTRT_RT] --- If chemical is a dry formulation, then calculate: (CHEMICALCOMPCONTROLAGENT.[ACTLUSE_QY] converted to pounds)* (LU_CHEMCTRLACTIVEINGREDIENT.[CNCNTRT_RT]/100). Chemical will either have [ACID_EQ_ME] or [ACT_ING_ME] value but not both. Determine whether AE or AI by looking in LU_CHEMCTRLACTIVEINGREDIENT.[CNCNTRT_NM] |

NISIMS 2.5 - Editable Related Tables

| Item | Col Name | Alias | Data Element | Data Type | Length | Domain | Required | Mobile Required | Description |
|---------------------------------|----------------|------------------------------------|------------------------------------|-----------|--------|------------------------------------|--------------|-----------------|---|
| RelTbl-CHEMICALCOMPONENTUSERATE | BLM_ACID_EQ_ME | BLM Acid Equivalent Amount | | Double | | | Y-Calculated | NA | The amount of acid equivalent applied on BLM land in pounds. Calculate = [ACID_EQ_ME] * (TreatmentComponentLocation.[BLMACRE_ME]/TreatmentComponentLocation.[CLCACRE_ME]) |
| RelTbl-CHEMICALCOMPONENTUSERATE | BLM_ACT_ING_ME | BLM Active Ingredient Amount | | Double | | | Y-Calculated | NA | The amount of active ingredient applied on BLM lands in pounds. Calculate = [ACT_ING_ME] * (TreatmentComponentLocation.[BLMACRE_ME]/TreatmentComponentLocation.[CLCACRE_ME]) |
| RelTbl-CHEMICALCOMPONENTUSERATE | CONAGT_GUID | Control Agent ID | | GUID | | | Y-Generated | NA | The unique, system-generated number that identifies a single occurrence of this chemical agent entity. If a Trade Name has multiple chemical ingredients listed in the LUT then it get one line in this table for each chemical ingredient listed in the LU table, using the same [TRADE_NM] and [CONAGENT_GUID]. |
| RelTbl-CHEMICALCOMPONENTUSERATE | GLOBALID | GLOBALID | | Global ID | | | Y-Generated | Y-Generated | Unique ID for each record in the database. Calculated by GIS. |
| RelTbl-FIRECOMPONENT | FRSTART_NM | Fire Type | "Fire Start Type Name" | Text | 20 | Fire_Start_Type_Name | N | N | A designation of how the fire was started, which will be documented if it fits within the plan. The fire was either 'prescribed' or 'wild fire use'. |
| RelTbl-FIRECOMPONENT | INTNSTY_NM | Burn Intensity | "Burn Intensity Type Name" | Text | 30 | Burn_Intensity_Type_Name | Y | Y | A description of the intensity of the fire. Example: Low, Moderate, High |
| RelTbl-FIRECOMPONENT | FUELMDL_TX | Fuel Model | "Fuel Model" | Text | 40 | Fuel_Model_Text | Y | Y | A description of the combustible materials used or consumed during the burn. |
| RelTbl-FIRECOMPONENT | MOSAIC_TX | Burn Mosaic Text | "Burn Mosaic Text" | Text | 100 | | N | N | A description of the pattern of the burn, post-fire. Example: the fire was a spotty burn in Unit 1 and a clean ellipse in Unit 2. |
| RelTbl-FIRECOMPONENT | BEFBURN_TX | Condition Before Burn Text | "Condition Before Burn Text" | Text | 100 | | N | N | A description of the invasive species infestation prior to the burn treatment (may include percent cover). Example: weeds are in mature stage and represent a 60% cover. |
| RelTbl-FIRECOMPONENT | AFTBURN_TX | Post Burn % Cover | "Condition After Burn Text" | Short | | | N | N | A description of the invasive species infestation after the burn treatment (may include percent cover). Example: The weed infestation covers 15% of the treatment area post-burn. |
| RelTbl-FIRECOMPONENT | BURNSEV_NM | Vegetation Burn Severity Type Name | | Text | 20 | Vegetation_Burn_Severity_Type_Name | | | |
| RelTbl-FIRECOMPONENT | BURN_TY_NM | Burn Type Name | | Text | 20 | Burn_Type_Name | | | |
| RelTbl-FIRECOMPONENT | IGNIT_QY | Fire Ignition Quantity Type Name | | Text | 10 | Fire_Ignition_Quantity_Type_Name | | | |
| RelTbl-FIRECOMPONENT | TRT_GUID | Treatment ID | | GUID | | | Y-Generated | Y-Generated | The unique, system-generated number that identifies a single occurrence of the treatment entity. Foreign Key from TreatmentComponentLocation, this value should not be duplicated in this table, 1:1 relationship to TreatmentComponentLocation |
| RelTbl-FIRECOMPONENT | GLOBALID | GLOBALID | | Global ID | | | Y-Generated | Y-Generated | Unique ID for each record in the database. Calculated by GIS. |
| RelTbl-MANUALCOMPONENT | MANL_CL_NM | Manual Treatment Class | "Manual Component Class Name" | Text | 30 | Manual_Component_Class_Name | Y | Y | The classification name for the manual physical work being done. Domain examples for Manual: Treatments involving the use of hand-operated power tools or hand tools to cut, clear, or prune herbaceous or woody plants. (Pulling, wrenching, Lopping, Hoeing, Chainsaw, hand cutting, push mower) . |
| RelTbl-MANUALCOMPONENT | MANLCMP_ME | Manual Treat Measurement | "Manual Component Measurement" | Double | | | Y-Calculated | NA | A calculation of the number of acres in which a Treatment has been applied. <u>Calculation</u> : GIS Acres of treatment |
| RelTbl-MANUALCOMPONENT | MANLUOM_NM | UOM | "Unit of Measurement Type Name" | Text | | | N | N | The name of the type of unit of measurement which will be used in conjunction with the Manual Component Measurement attribute. Example: pound, mile, cubic centimeter, feet, gram |
| RelTbl-MANUALCOMPONENT | HT_TYPE | Removal Activity Type | "Removal Activity Type" | Text | 40 | | N | NA | The type of harvesting and thinning removal activity that is being done. |
| RelTbl-MANUALCOMPONENT | TRT_GUID | Treatment ID | | GUID | | | Y-Generated | Y-Generated | The unique, system-generated number that identifies a single occurrence of the treatment entity. Foreign Key from TreatmentComponentLocation, this value should not be duplicated in this table, 1:1 relationship to TreatmentComponentLocation |
| RelTbl-MANUALCOMPONENT | GLOBALID | GLOBALID | | Global ID | | | Y-Generated | Y-Generated | Unique ID for each record in the database. Calculated by GIS. |
| RelTbl-MECHANICALCOMPONENT | MECH_CL_NM | Mechanical Treatment Class | "Mechanical Component Class Name" | Text | 30 | Mechanical_Component_Class_Name | Y | Y | The classification name for the physical work being done. Mechanical: A treatment involving people using machines to perform a physical treatment, such as bulldozer, plowing, chipping, disking, etc. (Bulldozer, plowing, riding mower, chipping, boiling water, Chainsaw) |
| RelTbl-MECHANICALCOMPONENT | MECHCMP_ME | Mechanical Treat Measurement | "Mechanical Component Measurement" | Double | | | Y-Calculated | NA | A calculation of the number of acres in which a Treatment has been applied. <u>Calculation</u> : GIS Acres of treatment |
| RelTbl-MECHANICALCOMPONENT | MECHUOM_NM | UOM | "Unit of Measurement Type Name" | Text | 20 | | N | N | The name of the type of unit of measurement which will be used in conjunction with the Mechanical Component Measurement attribute. Example: pound, mile, cubic centimeter, feet, gram, acres. For Treatments, it is always calculated in Acres. |
| RelTbl-MECHANICALCOMPONENT | HT_TYPE | Removal Activity Type | "Removal Activity Type" | Text | 40 | | N | NA | The type of harvesting and thinning removal activity that is being done. |
| RelTbl-MECHANICALCOMPONENT | TRT_GUID | Treatment ID | | GUID | | | Y-Generated | Y-Generated | The unique, system-generated number that identifies a single occurrence of the treatment entity. Foreign Key from TreatmentComponentLocation, this value should not be duplicated in this table, 1:1 relationship to TreatmentComponentLocation |
| RelTbl-MECHANICALCOMPONENT | GLOBALID | GLOBALID | | Global ID | | | Y-Generated | Y-Generated | Unique ID for each record in the database. Calculated by GIS. |
| RelTbl-PHOTOS | PHOTODATE | Photo Date | "Photo Date" | Date | | | Y | Y | The date that the photograph was taken. |
| RelTbl-PHOTOS | PURPOSE | Purpose | "Photo Purpose" | Text | 50 | Photo_Purpose | Y | Y | The purpose for the photograph to be taken. |
| RelTbl-PHOTOS | PHOTODIREC | Photo Direction | "Photo Direction" | Text | 50 | Photo_Direction | Y | Y | The direction in which the photo was taken. Values are NORTH, SOUTH, EAST, WEST, ABOVE. |
| RelTbl-PHOTOS | PREFIX | Prefix | "Photo Prefix" | Text | 20 | | N | NA | The prefix to the name of the photograph. Mobile devices with integrated camera will not utilize this field. |
| RelTbl-PHOTOS | PHOTONUM | Photo Number | "Photo Number" | Text | 20 | | N | NA | The number of the photo. When this is combined with the Photo Prefix, it completes the name of the photo as collected by the camera. Mobile devices with integrated camera will not utilize this field |
| RelTbl-PHOTOS | PHOTO | Photo Hyperlink | "Photo" | Text | 200 | | Y | Y | The actual photograph as stored in the database. Mobile devices with integrated camera will auto generate the value into this field when photo is captured |

NISIMS 2.5 - Editable Related Tables

| Item | Col Name | Alias | Data Element | Data Type | Length | Domain | Required | Mobile Required | Description |
|----------------------------------|-----------------------|--------------------------------------|---|---------------|--------|--------------------------------------|-------------|-----------------|--|
| RelTbl-PHOTOS | PHOTO_GUID | Photo ID | | GUID | | | Y-Generated | Y-Generated | The unique, system-generated number that identifies a single occurrence of the photolocation entity. This is the Foreign Key. There is a 0:M relationship between this field and PhotoLocation reference. |
| RelTbl-PHOTOS | GLOBALID | GLOBALID | | GUID | | | Y-Generated | Y-Generated | Unique ID for each record in the database. Calculated by GIS. |
| RelTbl-PROPOSALBIOCOMPONENTAGENT | BIO_SCNTFC_CD | Bio Control Species | | Text | 10 | domApprovBioControl | Y | NA | The bio control species being released. |
| RelTbl-PROPOSALBIOCOMPONENTAGENT | SPC_USE_QY | Number of Specimens Used | "Estimated Control Agent Species Used Quantity" | Long Integer | 10 | | Y | NA | The number of plants or fungi that will be used for a biological agent treatment. |
| RelTbl-PROPOSALBIOCOMPONENTAGENT | HSTMATL_NM | Host Material | "Biological Agent Host Material Name" | Text | 40 | | Y | NA | The type of material that comes with the biological agent such as something for the biological agent to eat. |
| RelTbl-PROPOSALBIOCOMPONENTAGENT | PRMTRQ_FL | Transfer Permit Required | "Transfer Permit Required Indicator" | Text | 1 | Yes_No_Code | Y | NA | An indicator of whether a transfer permit is required for a biological agent to be transferred between locations. Values are either Y)es or N)o. |
| RelTbl-PROPOSALBIOCOMPONENTAGENT | PRMT_DT | Permit Date | "Transfer Permit Received Date" | Date | | | Y | NA | The date the transfer permit is received for when a biological agent is transferred between locations. |
| RelTbl-PROPOSALBIOCOMPONENTAGENT | PRMT_NR | Transfer Permit Number | "Transfer Permit Number" | Text | 15 | | Y | NA | The number of the permit that is required when a biological agent is transferred between locations. |
| RelTbl-PROPOSALBIOCOMPONENTAGENT | LFCYCLE_NM | Agent Life | Agent Life Cycle | Text | 20 | Agent_Life_Cycle_Name | Y | NA | The predominant state or stage of the biological agent (e.g. pupa, larva, egg, adult). |
| RelTbl-PROPOSALBIOCOMPONENTAGENT | CLLCNTY_NM | Collection County | Collection County | Text | 50 | domCounty_CD | Y | NA | The County where the biological agent was/will be collected for this release. |
| RelTbl-PROPOSALBIOCOMPONENTAGENT | CLSTATE_CD | Collection State Code | Collection State Code | Text | 2 | State_Code | Y | NA | The state where the Biological agent was/will be collected for a release. |
| RelTbl-PROPOSALBIOCOMPONENTAGENT | ORG_ID | Organization Legal Entity ID | "Origination Organization Legal Entity ID" | Long Integer | | | Y | NA | The unique, system-generated number that identifies a single occurrence of an organization (Legal Entity). |
| RelTbl-PROPOSALBIOCOMPONENTAGENT | GENL_TX | General Comments | | Text | 100 | | N | NA | |
| RelTbl-PROPOSALBIOCOMPONENTAGENT | PROP_TRT_GUID | Proposed Treatment ID | | GUID | | | Y-Generated | NA | The unique, system-generated number that identifies a single occurrence of the proposed treatment entity. This is the Foreign Key that relates to ProposedTreatmentLocation records, there can be 1:M records in this table with the same PROP_TRT_GUID that are proposed bio treatments. |
| RelTbl-PROPOSALBIOCOMPONENTAGENT | GLOBALID | GLOBALID | | Global ID | | | Y-Generated | NA | Unique ID for each record in the database. Calculated by GIS. |
| RelTbl-PROPOSALCHEMCOMPCONTROLAC | TRADE_NM | Trade Name | "Manufacturer Trade Name" | Text | 40 | domChemCompAgent | Y | NA | The trade name of the chemical agent from the manufacturer. Example: Aatrex, Banvel, Garlon |
| RelTbl-PROPOSALCHEMCOMPCONTROLAC | MNFCTR_NM | Manufacturer | "Manufacturer Name" | Text | 30 | Manufacturer_Name | N | NA | The name of the Manufacturer of the chemical agent. |
| RelTbl-PROPOSALCHEMCOMPCONTROLAC | EPAREGISTRATIONNUMBER | EPA Registration Number | | Text | 50 | | Y | NA | The EPA registration number. |
| RelTbl-PROPOSALCHEMCOMPCONTROLAC | NR_APPL | Number Applications | "Number of Applications" | Short Integer | | | Y | NA | The estimated number of applications that will be applied over the duration of the treatment proposal. |
| RelTbl-PROPOSALCHEMCOMPCONTROLAC | DLVR_NM | Delivery Method | "Treatment Delivery Method Name" | Text | 10 | Treatment_Delivery_Method_Type_Name | Y | NA | The method used to apply the treatment (e.g.,air, ground). |
| RelTbl-PROPOSALCHEMCOMPCONTROLAC | PTTRN_NM | Treatment Coverage Pattern Type Name | "Treatment Coverage Pattern Type Name" | Text | 10 | Treatment_Coverage_Pattern_Type_Name | Y | NA | The coverage pattern of the dispersal of the control agent. Example: For a Delivery Method of "Ground" - valid values are Spot, Broadcast, or Band. If [PTTRN_NM] = 'BROADCAST' then Chemical Agent Rates cannot be 'PERCENT SOLUTION' |
| RelTbl-PROPOSALCHEMCOMPCONTROLAC | SITE_TX | Site Text from Label | "Site Text from Label" | Text | 50 | Treatment_Site_Type_Name | Y | NA | The proposed site type name for which the application is to be made. |
| RelTbl-PROPOSALCHEMCOMPCONTROLAC | APP_AMT_LOW | Application Amount - Low | "Application Amount Low" | Double | | | Y | NA | The proposed low end application rate of the chemical to be applied. |
| RelTbl-PROPOSALCHEMCOMPCONTROLAC | APP_AMT_HIGH | Application Amount - High | "Application Amount High" | Double | | | Y | NA | The proposed high end application rate of the chemical to be applied. |
| RelTbl-PROPOSALCHEMCOMPCONTROLAC | APP_RT_TX | Application Rate from Label | "Application Rate from Label" | Text | 30 | Application_Rate_UOM_Type_Name | Y | NA | The name of the type of unit of measurement which will be used in conjunction with the application amount low and application amount high attributes. |
| RelTbl-PROPOSALCHEMCOMPCONTROLAC | LE_ID | Legal Entity ID | "Legal Entity ID" | Long Integer | 10 | domPerson_Org | Y | NA | The unique, system-generated number that identifies a single occurrence of an organization or person (legal entity) that is a proposed cooperator in the treatment. |
| RelTbl-PROPOSALCHEMCOMPCONTROLAC | ROLE_NM | Role Name | "Role Name" | Text | 20 | Role_Name | Y | NA | The role that the legal entity (person or organization) plays in relationship to another entity or function. Example: approver, applicator. |
| RelTbl-PROPOSALCHEMCOMPCONTROLAC | CERT_NR | License Number | | Text | 50 | | Y | NA | The license # of the person that plans to oversee the treatment application. |
| RelTbl-PROPOSALCHEMCOMPCONTROLAC | GENL_TX | General Comments | | Text | 100 | | N | NA | |
| RelTbl-PROPOSALCHEMCOMPCONTROLAC | PROP_TRT_GUID | Proposed Treatment ID | | GUID | | | Y-Generated | NA | The unique, system-generated number that identifies a single occurrence of the proposed treatment entity. This is the Foreign Key that relates to ProposedTreatmentLocation records, there can be 1:M records in this table with the same PROP_TRT_GUID that are proposed chemical treatments. |
| RelTbl-PROPOSALCHEMCOMPCONTROLAC | GLOBALID | GLOBALID | | Global ID | | | Y-Generated | NA | Unique ID for each record in the database. Calculated by GIS. |
| RelTbl-PROPOSALCOOPERATOR | LE_ID | LE_ID | "Legal Entity ID" | Long Integer | | | Y-Generated | NA | The unique, system-generated number that identifies a single occurrence of an organization or person (legal entity) that is a proposed cooperator in the treatment. |
| RelTbl-PROPOSALCOOPERATOR | PROP_TRT_GUID | Proposed Treatment ID | | GUID | | | Y-Generated | NA | The unique, system-generated number that identifies a single occurrence of the proposed treatment entity. This is the Foreign Key that relates to ProposedTreatmentLocation records, there can be 0:M records in this table with the same PROP_TRT_GUID. |
| RelTbl-PROPOSALCOOPERATOR | GLOBALID | GLOBALID | | Global ID | | | Y-Generated | NA | Unique ID for each record in the database. Calculated by GIS. |
| RelTbl-PROPOSALSPECIES | SCNTFC_CD | Scientific Name Code | | Text | 10 | domSCNTFC_CD | Y | NA | The species being treated. |
| RelTbl-PROPOSALSPECIES | PROP_TRT_GUID | Proposed Treatment ID | | GUID | | | Y-Generated | NA | The unique, system-generated number that identifies a single occurrence of the proposed treatment entity. This is the Foreign Key that relates to ProposedTreatmentLocation records, there can be 1:M records in this table with the same PROP_TRT_GUID. |
| RelTbl-PROPOSALSPECIES | GLOBALID | GLOBALID | | Global ID | | | Y-Generated | NA | Unique ID for each record in the database. Calculated by GIS. |
| RelTbl-REVEGETATIONCOMPONENT | RVG_SCNTFC_CD | Reveg Species | | Text | 10 | | Y | Y | The scientific code of the plant species being used to revegetate. |
| RelTbl-REVEGETATIONCOMPONENT | PHNLGY_NM | Phenology | "Plant Phenology Name" | Text | 20 | Revegetation_Phenology_Name | Y | Y | The predominant state or stage of the revegetation plant. Example: Seed, cutting, bare root, containerized. |
| RelTbl-REVEGETATIONCOMPONENT | SEED_MIX_NM | Seed Mix Name | | Text | 40 | | | | |

NISIMS 2.5 - Editable Related Tables

| Item | Col Name | Alias | Data Element | Data Type | Length | Domain | Required | Mobile Required | Description |
|---------------------------------|---------------|---|---------------------------------|--------------|--------|-------------------------------|-------------|-----------------|---|
| RelTbl-REVEGETATIONCOMPONENT | STOCK_ME | Overall Reveg Rate | "Plant Stocking Measurement" | Double | | | Y | Y | The measurement or amount of seeds or plants based on the Plant Stocking UOM Type Name. |
| RelTbl-REVEGETATIONCOMPONENT | VEG_UOM_NM | Overall Seeding UOM | "Unit of Measurement Type Name" | Text | 20 | Unit_Of_Measurement_Type_Name | Y | Y | The name of the type of unit of measurement which will be used in conjunction with the Plant Stocking Measurement attribute. Example: pound, mile, cubic centimeter, feet, gram. |
| RelTbl-REVEGETATIONCOMPONENT | SEEDLOT_NR | Seed Lot Number | "Seed Lot Number" | Text | 20 | | N | NA | The number that is assigned to a seed lot from a vendor or other organization. |
| RelTbl-REVEGETATIONCOMPONENT | STOCK_ME1 | Plant Stocking Measurement | "Plant Stocking Measurement" | Decimal | | | Y | Y | The measurement or amount of seeds or plants based on the Plant Stocking UOM Type Name. |
| RelTbl-REVEGETATIONCOMPONENT | VEG_UOM_NM1 | UOM Type Name | "Unit of Measurement Type Name" | Text | 20 | Unit_Of_Measurement_Type_Name | Y | Y | The name of the type of unit of measurement which will be used in conjunction with the Plant Stocking Measurement attribute. Example: pound, mile, cubic centimeter, feet, gram. Not currently populated in ArcPad or desktop. Is RevegRate/SeedingUOM the same as in RevegetationComponent or just a part of it? |
| RelTbl-REVEGETATIONCOMPONENT | TRT_GUID | Treatment ID | | GUID | | | Y-Generated | Y-Generated | The unique, system-generated number that identifies a single occurrence of the treatment entity. Foreign Key from TreatmentComponentLocation, this value should not be duplicated in this table, 1:1 relationship to TreatmentComponentLocation |
| RelTbl-REVEGETATIONCOMPONENT | GLOBALID | GLOBALID | | Global ID | | | Y-Generated | Y-Generated | Unique ID for each record in the database. Calculated by GIS. |
| RelTbl-TREATMENTPROPOSALNUMBERS | NEPA_NR | NEPA Reference Number | "NEPA Reference Number" | Text | 30 | | Y | NA | An identifier of the Environmental document that is linked to the proposal. Example: Environmental Assessment (EA), Categorical exclusion, Environmental Impact Statement, Determination of NEPA Adequacy. |
| RelTbl-TREATMENTPROPOSALNUMBERS | PROP_TRT_GUID | Proposed Treatment ID | | GUID | | | Y-Generated | NA | The unique, system-generated number that identifies a single occurrence of the proposed treatment entity. This is the Foreign Key that relates to ProposedTreatmentLocation records, there can be 0:M records in this table with the same PROP_TRT_GUID. |
| RelTbl-TREATMENTPROPOSALNUMBERS | GLOBALID | GLOBALID | | Global ID | | | Y-Generated | NA | Unique ID for each record in the database. Calculated by GIS. |
| RelTbl-TREATMENTEVALUATION | TRT_GOAL | Treatment Goal | | Text | 40 | Management Action Goal Name | | | |
| RelTbl-TREATMENTEVALUATION | TRTEVAL_DT | Treatment Evaluation Date | | Date | | | | | |
| RelTbl-TREATMENTEVALUATION | EVAL_LEID | Evaluator Name | | Long Integer | | | | | |
| RelTbl-TREATMENTEVALUATION | OBSMTHD_NM | Observation Method | | Text | 30 | Observation_Method_Name | | | |
| RelTbl-TREATMENTEVALUATION | TRT_EFF_RT | Treatment Efficacy Rate | | Double | | | | | |
| RelTbl-TREATMENTEVALUATION | REMAIN_QY | Remaining Infestation Quantity | | Long Integer | | | | | |
| RelTbl-TREATMENTEVALUATION | QY_UOM_NM | Quantity Unit of Measure | | Text | 20 | Plant_Quantity_UOM_Type_Name | | | |
| RelTbl-TREATMENTEVALUATION | QT_MTHD_TX | Quantity Methodology | | Text | 30 | Plant_Quantity_Method_Text | | | |
| RelTbl-TREATMENTEVALUATION | TRTRCMD_DT | Recommended Retreat Date | | Date | | | | | |
| RelTbl-TREATMENTEVALUATION | CVRCHNG_TX | Infestation Canopy Cover Change Text | | Text | 200 | | | | |
| RelTbl-TREATMENTEVALUATION | EXTAFCT_TX | External Factors Treatment Effect Text | | Text | 200 | | | | |
| RelTbl-TREATMENTEVALUATION | VEGAFCT_TX | Vegetation Effects | | Text | 200 | | | | |
| RelTbl-TREATMENTEVALUATION | ALLAFCT_TX | Overall Plant Community Effect Text | | Text | 200 | | | | |
| RelTbl-TREATMENTEVALUATION | NONTRGT_NM | Observed Impacted Non-Target Species Text | | Text | 100 | | | | |
| RelTbl-TREATMENTEVALUATION | EVALACRE_ME | Acres Evaluated | | Double | | | | | |
| RelTbl-TREATMENTEVALUATION | TRT_GUID | Treatment ID | | GUID | | | | | |
| RelTbl-TREATMENTEVALUATION | GLOBALID | GLOBALID | | Global ID | | | | | |
| RelTbl-TREATMENTSPECIES | SCNTFC_CD | Treated Species | | Text | 10 | domSCNTFC_CD | Y | Y | The species being treated. |
| RelTbl-TREATMENTSPECIES | EST_CVR_RT | Percent Cover | | Double | | | Y | Y | % cover of species being treated. |
| RelTbl-TREATMENTSPECIES | PHNLGY_NM | Phenology or Morphology | | Text | 20 | Plant_Phenology_Name | Y | Y | The predominant state or stage of the infestation. Example: Seedling, Rosette, Bud, Bolt Flower, Mature, Seed Set, Senescent, Dormant (Idaho BLM Corporate Data Minimum Core Attribute Stds). Business Rule: May be an optional field. |
| RelTbl-TREATMENTSPECIES | TRT_GUID | Treatment ID | | GUID | | | Y-Generated | Y-Generated | The unique, system-generated number that identifies a single occurrence of the treatment entity. Foreign Key from TreatmentComponentLocation, this value can be duplicated in this table when multiple species are treated in same location, 1:M relationship to TreatmentComponentLocation |
| RelTbl-TREATMENTSPECIES | GLOBALID | GLOBALID | | Global ID | | | Y-Generated | Y-Generated | Unique ID for each record in the database. Calculated by GIS. |
| RelTbl-WEEDSURVEYSPECIES | SCNTFC_CD | Scientific Code Name | | Text | 10 | domSCNTFC_CD | Y | NA | The species being surveyed. This doesn't mean it was observed, just surveyed for. |
| RelTbl-WEEDSURVEYSPECIES | SURV_GUID | Survey ID | | GUID | | | Y-Generated | Y-Generated | The unique, system-generated number that identifies a single occurrence of the survey entity. This is the Foreign Key. There will be 1:M records tying back to the WeedSurveyLocation. |
| RelTbl-WEEDSURVEYSPECIES | GlobalID | GlobalID | | Global ID | | | Y-Generated | NA | Unique ID for each record in the database. Calculated by GIS. |

NISIMS 2.5 Domain Definitions

| Name | Description | Comment | Apply to |
|--------------------------|-------------------------------|---------|--------------------------------------|
| <i>Proposal_Duration</i> | <i>Duration of a proposal</i> | | APP_YR_QY in table TreatmentProposal |
| 1 | 1 year | | |
| 2 | 2 year | | |
| 3 | 3 year | | |

| Name | Description | Comment | Apply to |
|-----------------------|------------------------------------|---------|--|
| <i>Bio_Treat_Type</i> | <i>Biological Treatment Type</i> | | TY_NM in table ApprovedBiologicalControlAgentRef |
| Classical | Classical Biological Treatment | | |
| Non-Classical | Non-Classical Biological Treatment | | |

| Name | Description | Comment | Apply to |
|-------------------------------|-------------------------------|---------|----------|
| <i>Adjuvant_UOM_Type_Name</i> | <i>Adjuvant UOM Type Name</i> | | |
| GALLONS | GALLONS | | |
| OUNCES | OUNCES | | |
| PINTS | PINTS | | |
| POUNDS | POUNDS | | |
| QUARTS | QUARTS | | |

| Name | Description | Comment | Apply to |
|-------------------|-----------------------|--|---|
| <i>State_Code</i> | <i>State Code</i> | The FIPS name of the country where the address is located. | Address:CNTY_NM BiologicalComponentAgent:CLSTATE_CD BiologicalTransferPermit:STATE_CD |
| AB | ALBERTA | | |
| AK | ALASKA | | |
| AL | ALABAMA | | |
| AR | ARKANSAS | | |
| AZ | ARIZONA | | |
| BC | BRITISH COLUMBIA | | |
| CA | CALIFORNIA | | |
| CO | COLORADO | | |
| CT | CONNECTICUT | | |
| DC | DISTRICT OF COLUMBIA | | |
| DE | DELAWARE | | |
| FL | FLORIDA | | |
| GA | GEORGIA | | |
| HI | HAWAII | | |
| IA | IOWA | | |
| ID | IDAHO | | |
| IL | ILLINOIS | | |
| IN | INDIANA | | |
| KS | KANSAS | | |
| KY | KENTUCKY | | |
| LA | LOUISIANA | | |
| MA | MASSACHUSETTS | | |
| MB | MANITOBA | | |
| MD | MARYLAND | | |
| ME | MAINE | | |
| MI | MICHIGAN | | |
| MN | MINNESOTA | | |
| MO | MISSOURI | | |
| MS | MISSISSIPPI | | |
| MT | MONTANA | | |
| NB | NEW BRUNSWICK | | |
| NC | NORTH CAROLINA | | |
| ND | NORTH DAKOTA | | |
| NE | NEBRASKA | | |
| NF | NEWFOUNDLAND | | |
| NH | NEW HAMPSHIRE | | |
| NJ | NEW JERSEY | | |
| NM | NEW MEXICO | | |
| NS | NOVA SCOTIA | | |
| NT | NORTHWEST TERRITORIES | | |
| NU | NUNAVUT | | |
| NV | NEVADA | | |
| NY | NEW YORK | | |
| OH | OHIO | | |
| OK | OKLAHOMA | | |
| ON | ONTARIO | | |
| OR | OREGON | | |
| PA | PENNSYLVANIA | | |
| PE | PRINCE EDWARD ISLAND | | |
| QC | QUEBEC | | |
| RI | RHODE ISLAND | | |
| SC | SOUTH CAROLINA | | |
| SD | SOUTH DAKOTA | | |
| SK | SASKATCHEWAN | | |
| TN | TENNESSEE | | |
| TX | TEXAS | | |
| UT | UTAH | | |
| VA | VIRGINIA | | |
| VT | VERMONT | | |
| WA | WASHINGTON | | |
| WI | WISCONSIN | | |
| WV | WEST VIRGINIA | | |
| WY | WYOMING | | |
| YT | YUKON TERRITORY | | |

| Name | Description | Comment | Apply to |
|---------------------|---------------------|---------------------------------------|------------------|
| <i>Country_Name</i> | <i>Country Name</i> | The FIPS approved state abbreviation. | Address:STATE_CD |
| USA | USA | | |
| CANADA | CANADA | | |
| NEW ZEALAND | NEW ZEALAND | | |

| Name | Description | Comment | Apply to |
|----------------------------|----------------------------|---|-----------------------------------|
| <i>Adjuvant_Class_Name</i> | <i>Adjuvant Class Name</i> | The class of adjuvant that is being added to the chemical control agent. Domain: surfactant, oil-based, fertilizer-based or special function. | AdjuvantAgentReference:AJVT_CL_NM |
| FERTILIZER-BASED | FERTILIZER-BASED | | |
| OIL-BASED | OIL-BASED | | |
| SPECIAL FUNCTION | SPECIAL FUNCTION | | |
| SURFACTANT | SURFACTANT | | |

| Name | Description | Comment | Apply to |
|------|-------------|---------|----------|
|------|-------------|---------|----------|

NISIMS 2.5 Domain Definitions

| <i>Adjuvant_Type_Name</i> | <i>Adjuvant Type Name</i> | The specific type of adjuvant class that is being used with the control agent(s). Domain (examples) for surfactant: ionic, cationic, nonionic for oil-based: crop oil, methylated seed oil for fertilizer-based: liquid nitrogen for special function: drift control, dilutents,... | AdjuvantAgentReference:AJVT_TY_NM |
|---------------------------|---------------------------|---|-----------------------------------|
| BUFFERING AGENTS | BUFFERING AGENTS | | |
| CATIONIC | CATIONIC | | |
| COLORANT/DYES | COLORANT/DYES | | |
| COMPATIBILITY AGENTS | COMPATIBILITY AGENTS | | |
| CROP OIL CONCENTRATE | CROP OIL CONCENTRATE | | |
| DEFOAMING AGENT | DEFOAMING AGENT | | |
| DEPOSITION AID | DEPOSITION AID | | |
| DILUENT | DILUENT | | |
| DRIFT CONTROL | DRIFT CONTROL | | |
| FOAM MAKER | FOAM MAKER | | |
| INVERT EMULSION AGENT | INVERT EMULSION AGENT | | |
| IONIC | IONIC | | |
| LIQUID NITROGEN | LIQUID NITROGEN | | |
| METHYLATED SEED OIL | METHYLATED SEED OIL | | |
| NITROGEN BASED | NITROGEN BASED | | |
| NONIONIC | NONIONIC | | |
| SILICONE BASED | SILICONE BASED | | |
| SPREADER/STICKER | SPREADER/STICKER | | |
| TANK CLEANER | TANK CLEANER | | |
| VEGETABLE OIL | VEGETABLE OIL | | |
| WATER CONDITIONING | WATER CONDITIONING | | |

| <i>Name</i> | <i>Description</i> | <i>Comment</i> | <i>Apply to</i> |
|------------------------------------|------------------------------------|---|--|
| <i>Formulation_State_Type_Name</i> | <i>Formulation State Type Name</i> | designates if the formulation is dry or in liquid form. | AdjuvantAgentReference:FRMLT_NM AgentTradeName:FRMLT_NM |
| DRY | DRY | | |
| LIQUID | LIQUID | | |

| <i>Name</i> | <i>Description</i> | <i>Comment</i> | <i>Apply to</i> |
|-------------------------------|-------------------------------|--|-------------------------------|
| <i>Jurisdiction_Type_Name</i> | <i>Jurisdiction Type Name</i> | The type of jurisdiction entity Possible values: STATE LOCAL PRIVATE FEDERAL | Agent Registration:JURISTY_NM |
| STATE | STATE | | |
| FEDERAL | FEDERAL | | |
| LOCAL | LOCAL | | |
| PRIVATE | PRIVATE | | |

| <i>Name</i> | <i>Description</i> | <i>Comment</i> | <i>Apply to</i> |
|--------------------------|--------------------------|---|-----------------------------|
| <i>Jurisdiction_Name</i> | <i>Jurisdiction Name</i> | The legal right to control or regulate a location. Jurisdiction requires authority, but not necessarily ownership. Value depends on Jurisdiction Type Name Possible values: BUREAU OF INDIAN AFFAIRS BUREAU OF LAND MANAGEMENT BUREAU OF RECLAMATION CORPS OF ENGINEERS DEFENSE DEPARTMENT DEPARTMENT OF ENERGY FEDERAL AVIATION ADMINISTRATION FOREST SERVICE FISH AND WILDLIFE SERVICE NATIONAL PARK SERVICE OTHER FEDERAL AGENCY Actual State Name ENVIRONMENTAL PROTECTION AGENCY | Agent Registration:JURIS_NM |
| ARIZONA | ARIZONA | | |
| BLM | BLM | | |
| CALIFORNIA | CALIFORNIA | | |
| COLORADO | COLORADO | | |
| IDAHO | IDAHO | | |
| MONTANA | MONTANA | | |
| NEVADA | NEVADA | | |
| NEW MEXICO | NEW MEXICO | | |
| NORTH DAKOTA | NORTH DAKOTA | | |
| OKLAHOMA | OKLAHOMA | | |
| OREGON | OREGON | | |
| SOUTH DAKOTA | SOUTH DAKOTA | | |
| UTAH | UTAH | | |
| WASHINGTON | WASHINGTON | | |
| WYOMING | WYOMING | | |

| <i>Name</i> | <i>Description</i> | <i>Comment</i> | <i>Apply to</i> |
|----------------------|----------------------|---|--|
| <i>Role_Name</i> | <i>Role Name</i> | Role that the legal entity (person or organization) plays in relationship to another entity or function example: approver, applicator | AssociatedCharacteristic:ROLE_NM Comments:ROLE_NM |
| APPLICATOR | APPLICATOR | | |
| CONTRACTOR | CONTRACTOR | | |
| COOPERATOR | COOPERATOR | | |
| EMPLOYEE | EMPLOYEE | | |
| MAINTENANCE PROVIDER | MAINTENANCE PROVIDER | | |

| <i>Name</i> | <i>Description</i> | <i>Comment</i> | <i>Apply to</i> |
|-------------------------------|-------------------------------|----------------|------------------------------------|
| <i>Land_Use_Category_Name</i> | <i>Land Use Category Name</i> | | AssociatedCharacteristic:LU_CTY_NM |
| BOAT LAUNCH | Boat Launch | | |
| etc. | | | |

| <i>Name</i> | <i>Description</i> | <i>Comment</i> | <i>Apply to</i> |
|------------------------------------|------------------------------------|---|--------------------------------|
| <i>Coverage_Area_UOM_Type_Name</i> | <i>Coverage Area UOM Type Name</i> | The unit of measurement used to describe the size of the area being revegetated. This can be in acres, meters, feet. It is used in conjunction with the Species Released Quantity | BiologicalComponent:CVR_UOM_NM |
| ACRES | ACRES | | |
| SQUARE FEET | SQUARE FEET | | |
| SQUARE METERS | SQUARE METERS | | |
| HECTARES | HECTARES | | |
| SQUARE MILES | SQUARE MILES | | |
| SQUARE KILOMETERS | SQUARE KILOMETERS | | |

| <i>Name</i> | <i>Description</i> | <i>Comment</i> | <i>Apply to</i> |
|-------------------------------|-------------------------------|--|-------------------------------------|
| <i>Protection_Method_Text</i> | <i>Protection Method Text</i> | A description of how the Treatment biological or control agent is protected. | BiologicalComponentAgent:PRTCMTH_TX |
| LIVESTOCK ENCLOSURE | LIVESTOCK ENCLOSURE | | |
| SIGN | SIGN | | |
| TENT | TENT | | |
| GATE | GATE | | |
| CLOSURE | CLOSURE | | |

NISIMS 2.5 Domain Definitions

| | | | |
|-------|-------|--|--|
| FENCE | FENCE | | |
| NONE | NONE | | |

| Name | Description | Comment | Apply to |
|--------------------|--------------------|----------|--|
| <i>Yes_No_Code</i> | <i>Yes No Code</i> | Boolean. | BiologicalComponentAgent:PRMTREQ_FL InfestationPriorityFactor:SMALL_FL |
| Y | YES | | InfestationPriorityFactor:OTH_ORG_FL |
| N | NO | | InfestationPriorityFactor:ST_CL_FL InfestationPriorityFactor:FED_CL_FL InfestationPriorityFactor:NEWINVDRFL InfestationPriorityFactor:COOPPRJ_FL InfestationPriorityFactor:SNSTVE_FL |

| Name | Description | Comment | Apply to |
|-----------------------------|-----------------------------|---|-----------------------------------|
| <i>Plant_Phenology_Name</i> | <i>Plant Phenology Name</i> | The predominant state or stage of the plant. Example: Seed, cutting, bare root, containerized, Seedling, Rosette, Bud, Bolt Flower, Mature, Seed Set, Senescent, Dormant (Idaho BLM Corporate Data Minimum Core Attribute Stds) Business Rule: May be an optional field | TreatmentComponent:PHNLGY_NM |
| BARE GROUND | BARE GROUND | | TreatmentEvaluation:PHNLGY_NM |
| BOLT | BOLT | | WeedInfestationLocation:PHNLGY_NM |
| BUD | BUD | | |
| DORMANT | DORMANT | | |
| FLOWER | FLOWER | | |
| MATURE | MATURE | | |
| PRE-BUD | PRE-BUD | | |
| ROSETTE | ROSETTE | | |
| SEED SET | SEED SET | | |
| SEEDLING | SEEDLING | | |
| SENESCENT | SENESCENCE | | |
| VEGETATIVE | VEGETATIVE | | |

| Name | Description | Comment | Apply to |
|------------------------------------|------------------------------------|---|---------------------------------|
| <i>Revegetation_Phenology_Name</i> | <i>Revegetation Phenology Name</i> | The predominant state or stage of the revegetation plant. | RevegetationComponent:PHNLGY_NM |
| SEED | SEED | | |
| CUTTING | CUTTING | | |
| BARE ROOT | BARE ROOT | | |
| CONTAINERIZED | CONTAINERIZED | | |

| Name | Description | Comment | Apply to |
|------------------------------|------------------------------|---|-------------------------------------|
| <i>Agent_Life_Cycle_Name</i> | <i>Agent Life Cycle Name</i> | The predominant state or stage of the biological agent (e.g. pupa, larva, egg, adult) | BiologicalComponentAgent:LFCYCLE_NM |
| ADULT | ADULT | | |
| EGG | EGG | | |
| LARVA | LARVA | | |
| PUPA | PUPA | | |
| N/A | NON-CLASSICAL | | |

| Name | Description | Comment | Apply to |
|---|---|--|----------------------------|
| <i>BioCommunity_Observation_Reason_Name</i> | <i>BioCommunity_Observation_Reason_Name</i> | the reason for observing the location and its biotic community example: monitor, monitor & control, inventory, control | BioticCommunity:OBS_RSN_NM |
| CONTROL | CONTROL | | |
| EVALUATION | EVALUATION | | |
| INVENTORY | INVENTORY | | |
| MONITOR AND CONTROL | MONITOR AND CONTROL | | |
| SURVEY | SURVEY | | |

| Name | Description | Comment | Apply to |
|---|---|--|------------------------------|
| <i>Chemical_Component_Carrier_Type_Name</i> | <i>Chemical Component Carrier Type Name</i> | The type of propellant which is used to disperse the control agent compound. Example: water, oil | ChemicalComponent:CARR_TY_NM |
| WATER | WATER | | |
| OIL | OIL | | |

| Name | Description | Comment | Apply to |
|---|---|--|------------------------------|
| <i>Chemical_Component_Carrier_UOM_Type_Name</i> | <i>Chemical Component Carrier UOM Type Name</i> | The type of propellant which is used to disperse the control agent compound. Example: water, oil | ChemicalComponent:CARRUOM_NM |
| GALLONS | GALLONS | | |
| LITERS | LITERS | | |

| Name | Description | Comment | Apply to |
|--------------------------------------|--------------------------------------|--|---|
| <i>Treatment_Wind_Direction_Code</i> | <i>Treatment Wind Direction Code</i> | The direction code in which the Treatment biological or control agent is released (e.g., E, ENE, ESE, etc.). | BiologicalComponentAgent:RLSDRCT_TX ChemicalComponent:RLSDRCT_TX |
| E | EAST | | TreatmentWindDirectionCode:WNDDRCT_CD |
| ENE | EAST NORTH EAST | | |
| ESE | EAST SOUTH EAST | | |
| N | NORTH | | |
| NE | NORTH EAST | | |
| NNE | NORTH NORTH EAST | | |
| NNW | NORTH NORTH WEST | | |
| NW | NORTH WEST | | |
| S | SOUTH | | |
| SE | SOUTH EAST | | |
| SSE | SOUTH SOUTH EAST | | |
| SSW | SOUTH SOUTH WEST | | |
| SW | SOUTH WEST | | |
| W | WEST | | |
| WNW | WEST NORTH WEST | | |
| WSW | WEST SOUTH WEST | | |

| Name | Description | Comment | Apply to |
|----------------------------------|----------------------------------|---|------------------------------------|
| <i>Measurement_Accuracy_Code</i> | <i>Measurement Accuracy Code</i> | Estimate of the precision of the data collected of the estimated treated area. Example: GPS1-3; Man 1-8 | ChemicalComponent:ESTACRC_CD |
| GPS1 | GPS1 | GPS unit used: precision w/n 3ft or less | WeedInfestationLocation:ME_ACRC_CD |
| GPS2 | GPS2 | GPS unit used: precision w/n 30ft or less | |
| GPS3 | GPS3 | GPS unit used: precision w/n 300ft or less | |
| MAN1 | MAN1 | Mapped to w/n 40ft of actual location | |
| MAN2 | MAN2 | Mapped to w/n 100ft of actual location | |
| MAN3 | MAN3 | Mapped to w/n 150ft of actual location | |

NISIMS 2.5 Domain Definitions

| | | | |
|-------|-------|--|--|
| MAN4 | MAN4 | Mapped to w/n 300ft of actual location | |
| MAN5 | MAN5 | Mapped to w/n 660 ft of actual location | |
| MAN6 | MAN6 | Mapped to w/n 1,320 ft of actual location | |
| MAN7 | MAN7 | Mapped to w/n 1/2 mile of actual location | |
| MAN8 | MAN8 | Precision of mapped location cannot be determined | |
| TR10 | TR10 | Legal description to the 1/64 section (w/n 10 acres) | |
| TR160 | TR160 | Legal description to the 1/4 section (w/n 160 acres) | |
| TR320 | TR320 | Legal description to the 1/2 section (w/n 320 acres) | |
| TR40 | TR40 | Legal description to the 1/16 section (w/n 40 acres) | |
| TR640 | TR640 | Legal description to the section (w/n 640 acres) | |

| Name | Description | Comment | Apply to |
|--|--|--|------------------------------|
| <i>Chemical_Component_Purpose_Name</i> | <i>Chemical Component Purpose Name</i> | This designates if a chemical component was used for 'weed control' or 'revegetation' (fertilizer) | ChemicalComponent:CH_PRPS_NM |
| RESTORATION OPERATION | RESTORATION OPERATION | | |
| VEGETATION MANAGEMENT | VEGETATION MANAGEMENT | | |
| WEED MANAGEMENT | WEED MANAGEMENT | | |

| Name | Description | Comment | Apply to |
|-------------------------------------|-------------------------------------|---|--|
| <i>Chemical_Agent_UOM_Type_Name</i> | <i>Chemical Agent UOM Type Name</i> | The unit of measure that relates to the Control Agent Used Quantity that designates the application rate of the agent. examples: quarts per acre, ounces per acre, pints per acre or percentage | ChemicalControlActiveIngredient:CNCNTRT_NM |
| Fluid Ounces | Fluid Ounces | | |
| Pints | Pints | | |
| Quarts | Quarts | | |
| Gallons | Gallons | | |
| Ounces | Ounces | | |
| Pounds | Pounds | | |
| Grams | Grams | | |
| Liters | Liters | | |
| Milliliters | Milliliters | | |

| Name | Description | Comment | Apply to |
|---|---|--|--|
| <i>Chemical_Concentration_UOM_Type_Name</i> | <i>Chemical Concentration UOM Type Name</i> | The unit of measure that relates to the Control Agent Used Quantity that designates the amount of active ingredient that is present in the formulated Pesticide. | ChemicalControlActiveIngredient:CNCNTRT_NM |
| PERCENT ACID EQUIVALENT | PERCENT ACID EQUIVALENT | | |
| POUNDS ACID EQUIVALENT PER GALLON | POUNDS ACID EQUIVALENT PER GALLON | | |
| POUNDS ACTIVE INGREDIENT PER GALLON | POUNDS ACTIVE INGREDIENT PER GALLON | | |
| PERCENT ACTIVE INGREDIENT | PERCENT ACTIVE INGREDIENT | | |

| Name | Description | Comment | Apply to |
|---------------------------------------|---------------------------------------|---|---------------------------------|
| <i>Enhancement_Agent_Purpose_Name</i> | <i>Enhancement Agent Purpose Name</i> | designates if the purpose of the enhancement agent is to be an adjuvant or to fertilize as a treatment Domain: Fertilizer, Adjuvant | EnhancementTradeName:EN_PRPS_NM |
| ADJUVANT | ADJUVANT | | |
| FERTILIZER | FERTILIZER | | |

| Name | Description | Comment | Apply to |
|--|--|--|---|
| <i>Treatment_Delivery_Method_Type_Name</i> | <i>Treatment Delivery Method Type Name</i> | The method used to apply the treatment (e.g., air, ground, ground-broadcast, etc.) | TreatmentComponentDeliveryMethod:DLVR_TY_NM |
| AERIAL | AERIAL | | TreatmentComponent:DLVR_NM |
| GROUND | GROUND | | |

| Name | Description | Comment | Apply to |
|---|---|---|---|
| <i>Treatment_Coverage_Pattern_Type_Name</i> | <i>Treatment Coverage Pattern Type Name</i> | Coverage pattern of the dispersal of the control agent Example: For a Delivery Method of "Ground" - Spot, Broadcast, Band | TreatmentComponentDeliveryMethod:CVRG_TY_NM |
| BAND | BAND | | |
| BROADCAST | BROADCAST | | |
| SPOT | SPOT | | |

| Name | Description | Comment | Apply to |
|--------------------------------|--------------------------------|---|--|
| <i>Equipment_Priority_Name</i> | <i>Equipment Priority Name</i> | this designates whether this is the primary or secondary equipment used for a treatment | TreatmentComponentEquipment:EQ_PRTY_NM |
| PRIMARY | PRIMARY | | |
| SECONDARY | SECONDARY | | |

| Name | Description | Comment | Apply to |
|---------------------------------------|---------------------------------------|---|---------------------------------------|
| <i>Equipment_Output_UOM_Type_Name</i> | <i>Equipment Output UOM Type Name</i> | the standard rate at which a given piece of equipment is calibrated for output in terms of UOM per acre | TreatmentComponentEquipment:EQ_IOM_NM |
| GALLONS/ACRE | GALLONS/ACRE | | |
| OUNCES/ACRE | OUNCES/ACRE | | |
| PINTS/ACRE | PINTS/ACRE | | |
| POUNDS/ACRE | POUNDS/ACRE | | |
| QUARTS/ACRE | QUARTS/ACRE | | |

| Name | Description | Comment | Apply to |
|-------------------------------|-------------------------------|--|--|
| <i>Equipment_Purpose_Name</i> | <i>Equipment Purpose Name</i> | the main purpose for a piece of equipment, whether for spraying, carrying, or other purpose. | TreatmentComponentEquipment:EQ_PRPS_TX |
| CUTTING | CUTTING | | |
| MOWING | MOWING | | |
| PLOWING | PLOWING | | |
| PULLING | PULLING | | |
| SPRAYING | SPRAYING | | |
| TRANSPORTING | TRANSPORTING | | |

| Name | Description | Comment | Apply to |
|----------------------------|----------------------------|--|--------------------------------------|
| <i>Equipment_Type_Name</i> | <i>Equipment Type Name</i> | A description of the kind of equipment (e.g., an airplane, a truck, a helicopter, etc.). | TreatmentComponentEquipment:EQ_TY_NM |
| AIRPLANE | AIRPLANE | | |

NISIMS 2.5 Domain Definitions

| | | | |
|----------------------|---------------------------|--|--|
| HELICOPTER | HELICOPTER | | |
| ATV | ATV | | |
| UTV | UTV | | |
| BACKPACK | BACKPACK | | |
| HANDGUN | HANDGUN | | |
| BOOM SPRAYER | BOOM SPRAYER | | |
| BOAT/RAFT | BOAT/RAFT | | |
| TRUCK | TRUCK | | |
| TRACTOR | TRACTOR | | |
| WICK/WIPE APPLICATOR | WICK/WIPE APPLICATOR | | |
| INJECTOR | INJECTOR | | |
| SAW & SPRAYER | SAW & SPRAYER (CUT STUMP) | | |
| HYP0-HATCHET | HYP0-HATCHET | | |
| HORSEBACK SPRAYER | HORSEBACK SPRAYER | | |

| Name | Description | Comment | Apply to |
|--------------------------|--------------------------|---|------------------------------|
| <i>Contact_Type_Name</i> | <i>Contact Type Name</i> | A description of how the contact information is used (e.g., home phone, work phone, fax, cell phone, home email, work email, an URL, etc.). | ContactInformation:CNT_TY_NM |
| CELL PHONE | CELL PHONE | | |
| FAX | FAX | | |
| HOME EMAIL | HOME EMAIL | | |
| HOME PHONE | HOME PHONE | | |
| URL | URL | | |
| WORK EMAIL | WORK EMAIL | | |
| WORK PHONE | WORK PHONE | | |

| Name | Description | Comment | Apply to |
|---------------------------------|---------------------------------|--|-----------------------|
| <i>Burn_Intensity_Type_Name</i> | <i>Burn Intensity Type Name</i> | A description of the intensity of the fire. Example: Low, Moderate, High | FireComponent:INTNSTY |
| COMBINATION | COMBINATION | | |
| HIGH | HIGH | | |
| LOW | LOW | | |
| MODERATE | MODERATE | | |

| Name | Description | Comment | Apply to |
|----------------------------------|----------------------------------|--|--------------------------|
| <i>Fuel_Model_Text</i> | <i>Fuel Model Text</i> | A description of the combustible materials used or consumed during the burn. Example: 1, 2 3 = grass; 4-6 = brush 10-13 = Timber | FireComponent:FUELMDL_TX |
| 1 - SHORT GRASS (1 FT) | 1 - SHORT GRASS (1 FT) | | |
| 2 - TIMBER (GRASS/UNDERSTORY) | 2 - TIMBER (GRASS/UNDERSTORY) | | |
| 3 - TALL GRASS (2.5 FT) | 3 - TALL GRASS (2.5 FT) | | |
| 4 - CHAPARRAL (6FT) | 4 - CHAPARRAL (6FT) | | |
| 5 - BRUSH (2 FT) | 5 - BRUSH (2 FT) | | |
| 6 - DORMANT BRUSH/HARDWOOD SLASH | 6 - DORMANT BRUSH/HARDWOOD SLASH | | |
| 7 - SOUTHERN ROUGH | 7 - SOUTHERN ROUGH | | |
| 8 - CLOSED TIMBER LITTER | 8 - CLOSED TIMBER LITTER | | |
| 9 - HARDWOOD LITTER | 9 - HARDWOOD LITTER | | |
| 10 - TIMBER (LITTER/UNDERSTORY) | 10 - TIMBER (LITTER/UNDERSTORY) | | |
| 11 - LIGHT LOGGING SLASH | 11 - LIGHT LOGGING SLASH | | |
| 12 - MEDIUM LOGGING SLASH | 12 - MEDIUM LOGGING SLASH | | |
| 13 - HEAVY LOGGING SLASH | 13 - HEAVY LOGGING SLASH | | |

| Name | Description | Comment | Apply to |
|-----------------------------|-----------------------------|--|--------------------------|
| <i>Fire_Start_Type_Name</i> | <i>Fire Start Type Name</i> | designates how the fire was started which and will be documented if it fits within the plan. The fire was either 'prescribed' or 'wild fire use' | FireComponent:FRSTART_NM |
| PRESCRIBED | PRESCRIBED | | |
| WILDLAND FIRE USE | WILDLAND FIRE USE | | |

| Name | Description | Comment | Apply to |
|-------------------------------------|-------------------------------------|--|----------------------------------|
| <i>Land_Use_Classification_Name</i> | <i>Land Use Classification Name</i> | Local BLM designated classification based on management objectives as expressed in a land use plan. Example: Late Successional reserves, Business Rule: Can be optional field, Derived from Location | LandUseClassification:LU_CLSS_NM |
| LATE SUCCESSIONAL RESERVES | LATE SUCCESSIONAL RESERVES | | |

| Name | Description | Comment | Apply to |
|--------------------------------|--------------------------------|--|------------------------------|
| <i>Latitude_Direction_Code</i> | <i>Latitude Direction Code</i> | The direction away from the equator in which the latitude can be found (North or South). | LatLongDescription:LATDRN_CD |
| N | NORTH | | |
| S | SOUTH | | |

| Name | Description | Comment | Apply to |
|---------------------------------|---------------------------------|---|------------------------------|
| <i>Longitude_Direction_Code</i> | <i>Longitude Direction Code</i> | The direction (East or West) away from a certain point of reference where the longitude can be found. | LatLongDescription:LNGDRN_CD |
| E | EAST | | |
| W | WEST | | |

| Name | Description | Comment | Apply to |
|-------------------------------|-------------------------------|--|----------------------|
| <i>Legal_Entity_Type_Name</i> | <i>Legal Entity Type Name</i> | Legal Entity Type identifies whether this is an individual, a governmental organization, or private/public organization. | LegalEntity:LE_TY_NM |
| INDIVIDUAL | INDIVIDUAL | | |
| GOVERNMENTAL ORGANIZATION | GOVERNMENTAL ORGANIZATION | | |
| PRIVATE ORGANIZATION | PRIVATE ORGANIZATION | | |
| PUBLIC ORGANIZATION | PUBLIC ORGANIZATION | | |

| Name | Description | Comment | Apply to |
|---------------------------------|---------------------------------|---|---|
| <i>Responsibility_Type_Name</i> | <i>Responsibility Type Name</i> | the type of responsibility an organization or individual has over a location; what they manage for a location, sometimes called jurisdiction. Domain: surface, subsurface, water, air | LocationManagingOrganization:RSPNSBL_NM |
| SURFACE | SURFACE | | |
| SUBSURFACE | SUBSURFACE | | |
| WATER | WATER | | |
| AIR | AIR | | |

NISIMS 2.5 Domain Definitions

| Name | Description | Comment | Apply to |
|--------------------------------------|--------------------------------------|--|-----------------------------------|
| <i>Special_Designation_Area_Name</i> | <i>Special Designation Area Name</i> | The name for a Federal designation of a Location for which special considerations may be required to be observed. Example: NLCS, Wilderness, Wilderness Study Area, Trails | LocationSpecialDesignation:SDA_NM |
| NLCS | NLCS | | |
| WILDERNESS | WILDERNESS | | |
| WILDERNESS STUDY AREA | WILDERNESS STUDY AREA | | |
| NATIONAL HISTORIC TRAILS | NATIONAL HISTORIC TRAILS | | |
| ACEC | ACEC | | |

| Name | Description | Comment | Apply to |
|--|--|--|---|
| <i>Certification_Type_Name</i> | <i>Certification Type Name</i> | A description of the nature of the certification or license. | OfficialCertificationOrLicense:CERT_TY_NM |
| Agricultural Pest Control Adviser | Agricultural Pest Control Adviser | | |
| Certified Applicator | Certified Applicator | | |
| Certified Private Applicator | Certified Private Applicator | | |
| Commercial Applicator | Commercial Applicator | | |
| Commercial Pest Control Applicator | Commercial Pest Control Applicator | | |
| Commercial Pesticide Applicator | Commercial Pesticide Applicator | | |
| Commercial Pesticide Operator | Commercial Pesticide Operator | | |
| Directly Supervised Commercial Trainee | Directly Supervised Commercial Trainee | | |
| Directly Supervised Public Trainee | Directly Supervised Public Trainee | | |
| Farm Applicator | Farm Applicator | | |
| Government Applicator | Government Applicator | | |
| Immediately Supervised Commercial Trainee | Immediately Supervised Commercial Trainee | | |
| Immediately Supervised Public Trainee | Immediately Supervised Public Trainee | | |
| Limited Commercial Applicator | Limited Commercial Applicator | | |
| Limited Private Applicator | Limited Private Applicator | | |
| Maintenance Gardener Pest Control Business License | Maintenance Gardener Pest Control Business License | | |
| Non-Commercial Applicator | Non-Commercial Applicator | | |
| Non-Commercial Pesticide Applicator | Non-Commercial Pesticide Applicator | | |
| Pest Control Advisor | Pest Control Advisor | | |
| Pest Control Aircraft Pilot Certificate | Pest Control Aircraft Pilot Certificate | | |
| Pest Control Business License | Pest Control Business License | | |
| Pest Control Dealer Designated Agent License | Pest Control Dealer Designated Agent License | | |
| Pest Control Dealer License | Pest Control Dealer License | | |
| Pesticide Broker License | Pesticide Broker License | | |
| Pesticide Consultant | Pesticide Consultant | | |
| Pesticide Dealer | Pesticide Dealer | | |
| Private Applicator | Private Applicator | | |
| Private Pesticide Applicator | Private Pesticide Applicator | | |
| Professional Applicator | Professional Applicator | | |
| Public Applicator | Public Applicator | | |
| Public Pesticide Applicator | Public Pesticide Applicator | | |
| Public Utility Applicator | Public Utility Applicator | | |
| Qualified Applicator Certificate | Qualified Applicator Certificate | | |
| Qualified Applicator License | Qualified Applicator License | | |
| Rancher Private Applicator | Rancher Private Applicator | | |
| Pesticide Applicator | Pesticide Applicator | | |

| Name | Description | Comment | Apply to |
|------------------------------------|------------------------------------|--|---|
| <i>Certification_Category_Name</i> | <i>Certification Category Name</i> | A description of the nature of the category of the certification or license. | OfficialCertificationOrLicense:CERT_CT_NM |
| Agricultural Pest - Plant | Agricultural Pest - Plant | | |
| Aquatic | Aquatic | | |
| Forest | Forest | | |
| Research & Demonstration | Research & Demonstration | | |
| Right-of-Way | Right-of-Way | | |
| Range & Pasture | Range & Pasture | | |
| Riparian | Riparian | | |

| Name | Description | Comment | Apply to |
|--------------------------------------|--------------------------------------|---|--|
| <i>Certificate_Issuing_Authority</i> | <i>Certificate_Issuing_Authority</i> | The authority issuing the certification or license. | OfficialCertificationOrLicense:AUTH_NM |
| BLM | BLM | | |
| WASHINGTON DC | WASHINGTON DC | | |
| DISTRICT OF COLUMBIA | DISTRICT OF COLUMBIA | | |
| ALABAMA | ALABAMA | | |
| ALASKA | ALASKA | | |
| etc. - TO INCLUDE ALL 50 STATES | | | |

| Name | Description | Comment | Apply to |
|--------------------------------|--------------------------------|---|------------------------|
| <i>Organization_Class_Name</i> | <i>Organization Class Name</i> | A description of a super class of organizations (e.g., Federal, State, Local, Private, etc.). | Organization:ORG_CL_NM |
| COUNTY | COUNTY | | |
| FEDERAL | FEDERAL | | |
| STATE | STATE | | |
| PRIVATE | PRIVATE | | |
| MANUFACTURER | MANUFACTURER | | |
| USFS | US FOREST SERVICE | | |
| USFWS | US FISH AND WILDLIFE SERVICE | | |
| USGS | US GEOLOGICAL SURVEY | | |
| VENDOR | VENDOR | | |
| SEED LAB | SEED LAB | | |

| Name | Description | Comment | Apply to |
|--------------------------------------|--------------------------------------|---|------------------------|
| <i>Preferred_Contact_Method_Text</i> | <i>Preferred Contact Method Text</i> | A description of preferred method for being contacted (e.g., phone, mail, email, etc.). Also may be 'Do NOT Contact'. | Organization:ORG_CL_NM |
| MAIL | MAIL | | |
| EMAIL | EMAIL | | |
| DO NOT CONTACT | DO NOT CONTACT | | |
| PHONE | PHONE | | |
| CELL PHONE | CELL PHONE | | |

| Name | Description | Comment | Apply to |
|--|-----------------------------------|---|---|
| <i>Treatment_Precipitation_Type_Name</i> | <i>Treatment Precip type Name</i> | The nature of the Precipitation. This could affect treatment effectiveness or offsite movement. Example: None, Drizzle, Fog, Downpour, Shower, Hail, Snow, Sleet, Other, etc. Comment: Record if the time frame has a bearing on Application effectiveness. | TreatmentComponentLocationEnvironment:PRECIP_NM |
| DOWNPOUR | DOWNPOUR | | |
| DRIZZLE | DRIZZLE | | |
| FOG | FOG | | |
| HAIL | HAIL | | |

NISIMS 2.5 Domain Definitions

| | | | |
|--------|--------|--|--|
| NONE | NONE | | |
| OTHER | OTHER | | |
| SHOWER | SHOWER | | |
| SLEET | SLEET | | |
| SNOW | SNOW | | |

| Name | Description | Comment | Apply to |
|--|--|---|--|
| <i>Treatment_Soil_Surface_Moisture_Type_Name</i> | <i>Treatment Soil Surface Moisture Type Name</i> | The relative degree of Moisture present in the soil at time Treatment Application begins. Example: dry, moist, wet Business Rules: Optional | TreatmentComponentLocationEnvironment:SL_MOIS_NM |
| DRY | DRY | | |
| MOIST | MOIST | | |
| WET | WET | | |

| Name | Description | Comment | Apply to |
|--------------------------------------|--------------------------------------|---|---|
| <i>Treatment_Component_Type_Name</i> | <i>Treatment Component Type Name</i> | The type of treatment that is being used. Valid values are biological, chemical, physical, fire and revegetation. | TreatmentComponentLocationEnvironment:CMP_TY_NM |
| BIOLOGICAL | BIOLOGICAL | | |
| CHEMICAL | CHEMICAL | | |
| FIRE | FIRE | | |
| MANUAL | MANUAL | | |
| MECHANICAL | MECHANICAL | | |
| REVEGETATION | REVEGETATION | | |

| Name | Description | Comment | Apply to |
|---|---|--|----------|
| <i>Chemical_Control_Agent_Type_Name</i> | <i>Chemical Control Agent Type Name</i> | this designates the type of control agent that is being used Example: herbicide, insecticide, fungicide, toxicant, rodenticide, viscidide, | CCATY_NM |
| FUNGICIDE | FUNGICIDE | | |
| HERBICIDE | HERBICIDE | | |
| PESTICIDE | PESTICIDE | | |
| TOXICANT | TOXICANT | | |

| Name | Description | Comment | Apply to |
|--------------------------------|--------------------------------|---------|---|
| <i>Manufacturer_Name</i> | <i>Manufacturer Name</i> | | ChemicalComponentControlAgent:MNFCTR_NM |
| AGRILIANCE, LLC | AGRILIANCE, LLC | | |
| BASF AG | BASF AG | | |
| CEREXAGRI INC. | CEREXAGRI INC. | | |
| CHEMICAL PRODUCTS TECH, LLC | CHEMICAL PRODUCTS TECH, LLC | | |
| CHEMINOVA | CHEMINOVA | | |
| DOW AGROSCIENCES | DOW AGROSCIENCES | | |
| DUPONT | DUPONT | | |
| GRIFFIN COMPANY | GRIFFIN COMPANY | | |
| HELENA CHEMICAL COMPANY | HELENA CHEMICAL COMPANY | | |
| MONSANTO | MONSANTO | | |
| NUFARM AMERICAS INC | NUFARM AMERICAS INC | | |
| PBI GORDON CORPORATION | PBI GORDON CORPORATION | | |
| PRO-SERVE | PRO-SERVE | | |
| RIVERDALE CHEMICAL COMPANY | RIVERDALE CHEMICAL COMPANY | | |
| SETRE (HELENA) | SETRE (HELENA) | | |
| SSI MAXIM COMPANY INCORPORATED | SSI MAXIM COMPANY INCORPORATED | | |
| SYNGENTA | SYNGENTA | | |
| UAP-PLATTE CHEMICAL COMPANY | UAP-PLATTE CHEMICAL COMPANY | | |
| VAN DIEST SUPPLY COMPANY | VAN DIEST SUPPLY COMPANY | | |
| WILBUR-ELLIS COMPANY | WILBUR-ELLIS COMPANY | | |
| ALBAUGH INC/AGRI STAR | ALBAUGH INC/AGRI STAR | | |

| Name | Description | Comment | Apply to |
|------------------------------|------------------------------|---------|------------------------------|
| <i>Weed_Survey_Type_Name</i> | <i>Weed Survey Type Name</i> | | WeedSurveyLocation:WSA_TY_NM |
| OBSERVED | OBSERVED | | |
| REMOTE | REMOTE | | |

| Name | Description | Comment | Apply to |
|--------------------------|--------------------------|---------|------------------------|
| <i>Soil_Texture_Name</i> | <i>Soil Texture Name</i> | | SoilTexture:SL_TXTR_NM |
| SAND | SAND | | |
| SILT | SILT | | |
| CLAY | CLAY | | |
| LOAM | LOAM | | |
| SANDY LOAM | SANDY LOAM | | |
| CLAY LOAM | CLAY LOAM | | |
| SILT LOAM | SILT LOAM | | |
| SANDY CLAY | SANDY CLAY | | |
| SILTY CLAY | SILTY CLAY | | |
| SILTY CLAY LOAM | SILTY CLAY LOAM | | |
| SANDY CLAY LOAM | SANDY CLAY LOAM | | |
| LOAMY SAND | LOAMY SAND | | |
| BEDROCK | BEDROCK | | |

| Name | Description | Comment | Apply to |
|--|--|--|---------------------------------------|
| <i>Treatment_Area_Physical_Type_Name</i> | <i>Treatment Area Physical Type Name</i> | A label which describes the physical characteristics of the treatment area (e.g., terrestrial, aquatic, riparian, wetlands, upland, etc.). | TreatmentComponentLocation:AREA_TY_NM |
| ABANDONED CROPLAND | ABANDONED CROPLAND | | |
| AGRICULTURE | AGRICULTURE | | |
| AQUATIC | AQUATIC | | |
| BODY OF WATER | BODY OF WATER | | |
| BOSQUE | BOSQUE | | |
| CULTIVATED | CULTIVATED | | |
| FOREST | FOREST | | |
| GRASSLAND | GRASSLAND | | |
| LANDSCAPING | LANDSCAPING | | |
| RIPARIAN | RIPARIAN | | |
| SHRUBLAND | SHRUBLAND | | |
| UPLAND | UPLAND | | |
| WETLANDS | WETLANDS | | |
| WOODLANDS | WOODLANDS | | |
| RANGELAND | RANGELAND | | |
| NON-CROP | NON-CROP | | |

| Name | Description | Comment | Apply to |
|--------------------------------|--------------------------------|--|---------------------------------|
| <i>Observation_Method_Name</i> | <i>Observation Method Name</i> | designates the type of method that was used to track the weed infestation over time or evaluate the results of a treatment. Examples: Ocular, Transect, Daubenmire | TreatmentEvaluation:OBSTMTHD_NM |
| DAUBENMIRE | DAUBENMIRE | | |

NISIMS 2.5 Domain Definitions

| | | | |
|---------------|---------------|--|--|
| OCULAR | OCULAR | | |
| TRANSECT | TRANSECT | | |
| PHOTO POINT | PHOTO POINT | | |
| RANDOM SAMPLE | RANDOM SAMPLE | | |

| Name | Description | Comment | Apply to |
|-------------------------------|-------------------------------|--|----------------------------------|
| <i>Proposal_Approval_Code</i> | <i>Proposal Approval Code</i> | this indicates if the deputy state director 'approved', 'disapproved' or 'approved with mods'. | TreatmentProposalRole:PRPAPPV_CD |
| APPROVED | APPROVED | | |
| APPROVED WITH MODS | APPROVED WITH MODS | | |
| DISAPPROVED | DISAPPROVED | | |

| Name | Description | Comment | Apply to |
|---------------------------------|---------------------------------|---|--------------------------|
| <i>Verification_Status_Name</i> | <i>Verification Status Name</i> | Status of the verification of weed species identification. Business Rule; Values: does not need to be verified, do need verification, has been verified | WeedInfestation:VERIF_NM |
| DOES NOT NEED VERIFICATION | DOES NOT NEED VERIFICATION | | |
| NEEDS VERIFICATION | NEEDS VERIFICATION | | |
| VERIFIED | VERIFIED | | |

| Name | Description | Comment | Apply to |
|----------------------------------|----------------------------------|--|----------------------------|
| <i>Physical_Access_Mode_Name</i> | <i>Physical Access Mode Name</i> | Description of the transportation mode needed to access the infestation. Example: walk in, horse, ATV, non-accessible, 2 wheel drive, 4 wheel drive, air | WeedInfestation:ACSMODE_NM |
| 2-WHEEL DRIVE | 2-WHEEL DRIVE | | |
| 4-WHEEL DRIVE | 4-WHEEL DRIVE | | |
| AIR | AIR | | |
| ATV | ATV | | |
| HORSE | HORSE | | |
| NON-ACCESSIBLE | NON-ACCESSIBLE | | |
| WALK IN | WALK IN | | |
| UTV | UTV | | |

| Name | Description | Comment | Apply to |
|-----------------------------------|-----------------------------------|--|------------------------------------|
| <i>Plant_Quantity_Method_Text</i> | <i>Plant Quantity Method Text</i> | describes the method used to determine the number of plants or weeds | WeedInfestationLocation:QT_MTHD_TX |
| ACTUAL | ACTUAL | | |
| ESTIMATE | ESTIMATE | | |
| OCULAR ESTIMATE | OCULAR ESTIMATE | | |
| TRANSECT | TRANSECT | | |

| Name | Description | Comment | Apply to |
|-------------------------------------|-------------------------------------|--|-----------------------------------|
| <i>Plant_Quantity_UOM_Type_Name</i> | <i>Plant Quantity UOM Type Name</i> | describes the method used to determine the number of plants or weeds | WeedInfestationLocation:QY_UOM_NM |
| PER ACRE | PER ACRE | | |
| PER HECTARE | PER HECTARE | | |
| PER SQUARE METER | PER SQUARE METER | | |
| PER TOTAL AREA | PER TOTAL AREA | | |
| PER SQUARE FEET | PER SQUARE FEET | | |

| Name | Description | Comment | Apply to |
|-------------------------|---|---|------------------------------------|
| <i>Cover_Class_Code</i> | <i>Cover Class Code</i> | A code indicating a range of cover class percent computed from the cover class method. Business Rule: Greater Yellowstone Class Code is the Minimum level of accuracy (Optional). See Mid-point values below. | WeedInfestationLocation:CVRCLSS_CD |
| 1 | Less than 5 percent cover (Daubenmire method) | 2.5 | |
| 2 | 5 percent to 25 percent cover (Daubenmire method) | 15 | |
| 3 | 25 percent to 50 percent cover (Daubenmire method) | 37.5 | |
| 4 | 50 percent to 75 percent cover (Daubenmire method) | 62.5 | |
| 5 | 75 percent to 95 percent cover (Daubenmire method) | 85 | |
| 6 | 95 percent to 100 percent cover (Daubenmire method) | 97.5 | |
| H | 25 percent to 100 percent cover. High occurrence; high density of plants (Greater Yellowstone method) | 62.5 | |
| L | 1 percent to 5 percent cover. Low occurrence; occasional plants (Greater Yellowstone method) | 2.5 | |
| M | 5 percent to 25 percent cover. Moderate occurrence; scattered plants (Greater Yellowstone method) | 15 | |
| T | Less than one (1) percent cover. Trace or Rare occurrence (Greater Yellowstone method) | 0.4 | |

| Name | Description | Comment | Apply to |
|-----------------------------------|-----------------------------------|---------|----------|
| <i>Coverage_Class_Method_Name</i> | <i>Coverage Class Method Name</i> | | |
| 10 POINT | 10 POINT | | |
| DAUBENMIRE | DAUBENMIRE | | |
| GREATER YELLOWSTONE | GREATER YELLOWSTONE | | |
| LINE INTERCEPT | LINE INTERCEPT | | |
| POINT INTERCEPT | POINT INTERCEPT | | |

| Name | Description | Comment | Apply to |
|------------------------------------|------------------------------------|---------|----------------------------|
| <i>Manual_Component_Class_Name</i> | <i>Manual Component Class Name</i> | | ManualComponent:MANL_CL_NM |
| PULLING | PULLING | | |
| WRENCHING | WRENCHING | | |
| LOPPING | LOPPING | | |
| HOEING | HOEING | | |
| DIGGING | DIGGING | | |
| HAND CUTTING | HAND CUTTING | | |
| PUSH MOWER | PUSH MOWER | | |
| PULASKI | PULASKI | | |

| Name | Description | Comment | Apply to |
|--|--|---------|--------------------------------|
| <i>Mechanical_Component_Class_Name</i> | <i>Mechanical Component Class Name</i> | | MechanicalComponent:MECH_CL_NM |
| BULLDOZER | BULLDOZER | | |
| PLOWING | PLOWING | | |
| CHIPPING | CHIPPING | | |

NISIMS 2.5 Domain Definitions

| | | | |
|------------------|------------------|--|--|
| CHAINSAW | CHAINSAW | | |
| CULTIVATION | CULTIVATION | | |
| BLADING | BLADING | | |
| DISKING | DISKING | | |
| CHAINING | CHAINING | | |
| ROOT PLOWING | ROOT PLOWING | | |
| HOT FOAM | HOT FOAM | | |
| MECHANICAL MOWER | MECHANICAL MOWER | | |

| Name | Description | Comment | Apply to |
|---|---|---------|-------------------|
| <i>Plant_Material_Acquisition_Method_Name</i> | <i>Plant Material Acquisition Method Name</i> | | SeedLot:ACQSTN_NM |
| TRANSFER VIA MOU | TRANSFER VIA MOU | | |
| DONATED | DONATED | | |
| PURCHASED | PURCHASED | | |
| COLLECTED | COLLECTED | | |

| Name | Description | Comment | Apply to |
|----------------------------------|----------------------------------|---------|-------------------|
| <i>Plant_Packaging_Type_Name</i> | <i>Plant Packaging Type Name</i> | | SeedLot:PKG TY_NM |
| PACKAGE - ROOM TEMP | PACKAGE - ROOM TEMP | | |
| BOX - CHILLED | BOX - CHILLED | | |
| OTHER | OTHER | | |

| Name | Description | Comment | Apply to |
|------------------------------------|------------------------------------|---------|-------------------------------|
| <i>Treatment_Distance_To_Water</i> | <i>Treatment Distance To Water</i> | | TreatmentComponent:WTRDIST_TX |
| 0 TO 10 FEET | 0 TO 10 FEET | | |
| 10 TO 25 FEET | 10 TO 25 FEET | | |
| 25 TO 100 FEET | 25 TO 100 FEET | | |
| GREATER THAN 100 FEET | GREATER THAN 100 FEET | | |

| Name | Description | Comment | Apply to |
|------------------------------------|------------------------------------|---------|-----------------------|
| <i>Seed_Quantity_UOM_Type_Name</i> | <i>Seed Quantity UOM Type Name</i> | | SeedLotTest:QY_UOM_NM |
| POUNDS | POUNDS | | |
| OUNCES | OUNCES | | |
| GRAMS | GRAMS | | |
| KILOGRAMS | KILOGRAMS | | |

| Name | Description | Comment | Apply to |
|-------------------------------|-------------------------------|---------|-----------------------|
| <i>Land_Use_Category_Name</i> | <i>Land Use Category Name</i> | | SeedLotTest:QY_UOM_NM |
| BOAT LAUNCH | BOAT LAUNCH | | |
| BURNED AREA | BURNED AREA | | |
| CHAINED | CHAINED | | |
| BUILDINGS | BUILDINGS | | |
| DIRT ROAD | DIRT ROAD | | |
| DRAINAGE DITCH | DRAINAGE DITCH | | |
| LOGGING AREA | LOGGING AREA | | |
| MINING AREA | MINING AREA | | |
| FENCE LINE | FENCE LINE | | |
| ORV ACTIVITY | ORV ACTIVITY | | |
| PAVED ROAD | PAVED ROAD | | |
| RECREATION SITE | RECREATION SITE | | |
| SENSITIVE SITE | SENSITIVE SITE | | |
| TRAILSIDE | TRAILSIDE | | |
| TRAILHEAD | TRAILHEAD | | |
| URBAN DEVELOPMENT | URBAN DEVELOPMENT | | |
| TRANSPORTATION CORRIDOR | TRANSPORTATION CORRIDOR | | |
| WATER IMPOUNDMENT | WATER IMPOUNDMENT | | |
| FLOODPLAIN | FLOODPLAIN | | |
| UTILITY CORRIDOR | UTILITY CORRIDOR | | |
| IRRIGATION DITCH | IRRIGATION DITCH | | |
| OHV AREA | OHV AREA | | |
| WATER IMPROVEMENT | WATER IMPROVEMENT | | |
| RURAL DEVELOPMENT | RURAL DEVELOPMENT | | |
| DOMESTIC GRAZING | DOMESTIC GRAZING | | |
| WILDLIFE HABITAT | WILDLIFE HABITAT | | |

| Name | Description | Comment | Apply to |
|---------------------------------------|---------------------------------------|----------------------------------|--|
| <i>Application_Rate_UOM_Type_Name</i> | <i>Application Rate UOM Type Name</i> | The UOM of the application rate. | ChemicalComponentControlAgent:APP_UOM_NM |
| Ounces per acre | Ounces per acre | | |
| Pounds per acre | Pounds per acre | | |
| Gallons per acre | Gallons per acre | | |
| Pints per acre | Pints per acre | | |
| Quarts per acre | Quarts per acre | | |
| Fluid ounces per acre | Fluid ounces per acre | | |

| Name | Description | Comment | Apply to |
|--------------------------|--------------------------|---------|--------------------------|
| <i>Organization_Code</i> | <i>Organization Code</i> | | Location:BLM_FO_CD |
| AK020 | AK020 | | Organization:ORG_CD |
| AK040 | AK040 | | TreatmentProposal:ORG_CD |
| AK042 | AK042 | | |
| AK043 | AK043 | | |
| AK050 | AK050 | | |
| AK930 | AK930 | | |
| AK990 | AK990 | | |
| AZ100 | AZ100 | | |
| AZ210 | AZ210 | | |
| AZ220 | AZ220 | | |
| AZ310 | AZ310 | | |
| AZ320 | AZ320 | | |
| AZ330 | AZ330 | | |
| AZ410 | AZ410 | | |
| AZ420 | AZ420 | | |
| CA160 | CA160 | | |
| CA170 | CA170 | | |
| CA180 | CA180 | | |
| CA190 | CA190 | | |
| CA320 | CA320 | | |
| CA330 | CA330 | | |
| CA340 | CA340 | | |
| CA350 | CA350 | | |
| CA360 | CA360 | | |
| CA370 | CA370 | | |
| CA650 | CA650 | | |
| CA660 | CA660 | | |
| CA670 | CA670 | | |
| CA680 | CA680 | | |
| CA690 | CA690 | | |
| CO100 | CO100 | | |
| CO110 | CO110 | | |

NISIMS 2.5 Domain Definitions

| | | | |
|---------|---------|--|--|
| CO120 | CO120 | | |
| CO130 | CO130 | | |
| CO140 | CO140 | | |
| CO150 | CO150 | | |
| CO160 | CO160 | | |
| CO200 | CO200 | | |
| CO210 | CO210 | | |
| CO220 | CO220 | | |
| CO530 | CO530 | | |
| CO810 | CO810 | | |
| CO820 | CO820 | | |
| CO830 | CO830 | | |
| ES020 | ES020 | | |
| ES030 | ES030 | | |
| ID110 | ID110 | | |
| ID120 | ID120 | | |
| ID130 | ID130 | | |
| ID210 | ID210 | | |
| ID220 | ID220 | | |
| ID230 | ID230 | | |
| ID310 | ID310 | | |
| ID320 | ID320 | | |
| ID330 | ID330 | | |
| ID340 | ID340 | | |
| ID410 | ID410 | | |
| ID420 | ID420 | | |
| MT010 | MT010 | | |
| MT020 | MT020 | | |
| MT030 | MT030 | | |
| MT040 | MT040 | | |
| MT050 | MT050 | | |
| MT060 | MT060 | | |
| MT070 | MT070 | | |
| MT090 | MT090 | | |
| MT092 | MT092 | | |
| MT100 | MT100 | | |
| MT093 | MT093 | | |
| NM030 | NM030 | | |
| NM040 | NM040 | | |
| NM090 | NM090 | | |
| NM110 | NM110 | | |
| NM120 | NM120 | | |
| NM210 | NM210 | | |
| NM220 | NM220 | | |
| NM510 | NM510 | | |
| NM520 | NM520 | | |
| NV010 | NV010 | | |
| NV020 | NV020 | | |
| NV030 | NV030 | | |
| NV040 | NV040 | | |
| NV050 | NV050 | | |
| OR014 | OR014 | | |
| OR015 | OR015 | | |
| OR025 | OR025 | | |
| OR026 | OR026 | | |
| OR034 | OR034 | | |
| OR035 | OR035 | | |
| OR036 | OR036 | | |
| OR054 | OR054 | | |
| OR056 | OR056 | | |
| OR084 | OR084 | | |
| OR085 | OR085 | | |
| OR086 | OR086 | | |
| OR095 | OR095 | | |
| OR096 | OR096 | | |
| OR104 | OR104 | | |
| OR105 | OR105 | | |
| OR115 | OR115 | | |
| OR116 | OR116 | | |
| OR117 | OR117 | | |
| OR118 | OR118 | | |
| OR125 | OR125 | | |
| OR128 | OR128 | | |
| OR134 | OR134 | | |
| OR135 | OR135 | | |
| UT010 | UT010 | | |
| UT020 | UT020 | | |
| UT030 | UT030 | | |
| UT040 | UT040 | | |
| UT050 | UT050 | | |
| UT060 | UT060 | | |
| UT070 | UT070 | | |
| UT080 | UT080 | | |
| UT090 | UT090 | | |
| UT100 | UT100 | | |
| UT110 | UT110 | | |
| WY010 | WY010 | | |
| WY020 | WY020 | | |
| WY030 | WY030 | | |
| WY040 | WY040 | | |
| WY050 | WY050 | | |
| WY060 | WY060 | | |
| WY070 | WY070 | | |
| WY080 | WY080 | | |
| WY090 | WY090 | | |
| WY100 | WY100 | | |
| AK021 | AK021 | | |
| AK022 | AK022 | | |
| AK023 | AK023 | | |
| AK02317 | AK02317 | | |
| AK02417 | AK02417 | | |
| AK02517 | AK02517 | | |
| AK300 | AK300 | | |
| AK900 | AK900 | | |
| AZ110 | AZ110 | | |
| AZ130 | AZ130 | | |
| AZ200 | AZ200 | | |
| AZ300 | AZ300 | | |
| AZ400 | AZ400 | | |
| AZ422 | AZ422 | | |
| AZ900 | AZ900 | | |
| CA610 | CA610 | | |
| CA900 | CA900 | | |
| CO134 | CO134 | | |
| CO154 | CO154 | | |
| CO500 | CO500 | | |

NISIMS 2.5 Domain Definitions

| | | | |
|-------|-------|--|--|
| CO520 | CO520 | | |
| CO800 | CO800 | | |
| CO840 | CO840 | | |
| CO900 | CO900 | | |
| ES900 | ES900 | | |
| FC000 | FC000 | | |
| ID100 | ID100 | | |
| ID200 | ID200 | | |
| ID300 | ID300 | | |
| ID400 | ID400 | | |
| ID900 | ID900 | | |
| MT012 | MT012 | | |
| MT066 | MT066 | | |
| MT900 | MT900 | | |
| MT922 | MT922 | | |
| NM011 | NM011 | | |
| NM012 | NM012 | | |
| NM044 | NM044 | | |
| NM100 | NM100 | | |
| NM200 | NM200 | | |
| NM500 | NM500 | | |
| NM522 | NM522 | | |
| NM900 | NM900 | | |
| NV045 | NV045 | | |
| NV065 | NV065 | | |
| NV900 | NV900 | | |
| OR010 | OR010 | | |
| OR020 | OR020 | | |
| OR030 | OR030 | | |
| OR050 | OR050 | | |
| OR080 | OR080 | | |
| OR090 | OR090 | | |
| OR100 | OR100 | | |
| OR110 | OR110 | | |
| OR120 | OR120 | | |
| OR130 | OR130 | | |
| OR900 | OR900 | | |
| TC100 | TC100 | | |
| UT900 | UT900 | | |
| WO220 | WO220 | | |
| WY900 | WY900 | | |

| Name | Description | Comment | Apply to |
|--------------------------------|--------------------------------|---------|------------------------|
| <i>Plant_Life_History_Name</i> | <i>Plant Life History Name</i> | | PlantSpecies:LHSTRY_NM |
| ANNUAL | ANNUAL | | |
| BIENNIAL | BIENNIAL | | |
| PERENNIAL | PERENNIAL | | |
| UNKNOWN | UNKNOWN | | |

| Name | Description | Comment | Apply to |
|-------------------------|-------------------------|---------|-----------------------|
| <i>Test_Result_Text</i> | <i>Test Result Text</i> | | SeedLotTest:RESULT_NM |
| NOXIOUS FOUND | NOXIOUS FOUND | | |
| NO NOXIOUS FOUND | NO NOXIOUS FOUND | | |

| Name | Description | Comment | Apply to |
|------------------------------------|------------------------------------|---------|-----------------------------------|
| <i>Treatment_Site_Type_Name</i> | <i>Treatment Site Type Name</i> | | ProposalRateOfApplication:SITE_TX |
| Christmas Tree / Plantations | Christmas Tree / Plantations | | |
| Conservation Reserve Program (CRP) | Conservation Reserve Program (CRP) | | |
| Cropland | Cropland | | |
| Fallow Cropland | Fallow Cropland | | |
| Fencerows | Fencerows | | |
| Forestry | Forestry | | |
| Marshes | Marshes | | |
| Non-cropland | Non-cropland | | |
| Nursery | Nursery | | |
| Permanent Pasture | Permanent Pasture | | |
| Ponds / Lakes | Ponds / Lakes | | |
| Quiescent / Slow Moving | Quiescent / Slow Moving | | |
| Rangeland | Rangeland | | |
| Reservoir | Reservoir | | |
| Rights-of-way | Rights-of-way | | |
| Riparian | Riparian | | |
| Rivers/Streams/Ditches | Rivers/Streams/Ditches | | |
| Roadsides | Roadsides | | |
| Utilities | Utilities | | |
| Wetlands | Wetlands | | |
| Wildlife Refuges | Wildlife Refuges | | |

| Name | Description | Comment | Apply to |
|--------------------------------------|--------------------------------------|---------|---|
| <i>Unit_Of_Measurement_Type_Name</i> | <i>Unit Of Measurement Type Name</i> | | RevegetationComponent:VEG_UOM_NM |
| POUNDS PER ACRE | | | RevegetationComponentSeeding:VEG_UOM_NM |
| PLANTS PER ACRE | | | |
| SEED PER SQFT | | | |

| Name | Description | Comment | Apply to |
|---------------------------|----------------------------------|---------|-------------------------------------|
| <i>domApplicTimeFrame</i> | <i>Time Frame of Application</i> | | ProposedTreatmentLocation:TIMEFRAME |
| SPRING | SPRING | | |
| SPRING-SUMMER | SPRING-SUMMER | | |
| SPRING-FALL | SPRING-FALL | | |
| SUMMER | SUMMER | | |
| SUMMER-FALL | SUMMER-FALL | | |
| FALL | FALL | | |
| FALL-WINTER | FALL-WINTER | | |
| FALL-SPRING | FALL-SPRING | | |
| WINTER | WINTER | | |
| YEARROUND | YEARROUND | | |
| WINTER-SPRING | WINTER-SPRING | | |

| Name | Description | Comment | Apply to |
|----------------------|-------------------------------|---------|--------------------------------------|
| <i>domFWSConsult</i> | <i>USFWS SSS Consultation</i> | | ProposedTreatmentLocation:FWSCONSULT |
| NO | NO | | |
| YES_INFORMAL | YES_INFORMAL | | |
| YES_FORMAL | YES_FORMAL | | |
| YES_TECHASSIST | YES_TECHASSIST | | |

| Name | Description | Comment | Apply to |
|---------------------------------|------------------------------|---------|-------------------------------------|
| <i>Management_Category_Name</i> | | | TreatmentComponentLocation:MGMT_CAT |
| CULTURAL RESOURCE MANAGEMENT | CULTURAL RESOURCE MANAGEMENT | | |
| DEFENSIBLE SPACE | DEFENSIBLE SPACE | | |

NISIMS 2.5 Domain Definitions

| | | | |
|---|---|--|--|
| ECOSYSTEM RESTORATION | ECOSYSTEM RESTORATION | | |
| EPIDEMIC INSECTS OR DISEASE CONTROL | EPIDEMIC INSECTS OR DISEASE CONTROL | | |
| FORESTRY MANAGEMENT AND IMPROVEMENT | FORESTRY MANAGEMENT AND IMPROVEMENT | | |
| HABITAT FOR FEDERAL/STATE LISTED, THREATENED, PROPOSED OR CANDIDATE SPECIES | HABITAT FOR FEDERAL/STATE LISTED, THREATENED, PROPOSED OR CANDIDATE SPECIES | | |
| HAZARD REDUCTION/FUELS | HAZARD REDUCTION/FUELS | | |
| HAZARD REDUCTION/OTHER | HAZARD REDUCTION/OTHER | | |
| HUMAN LIFE AND SAFETY | HUMAN LIFE AND SAFETY | | |
| INTEGRATED VEGETATION/PEST MANAGEMENT | INTEGRATED VEGETATION/PEST MANAGEMENT | | |
| LIVESTOCK GRAZING MANAGEMENT | LIVESTOCK GRAZING MANAGEMENT | | |
| MANAGEMENT OF NLCS OBJECTIVES AND VALUES | MANAGEMENT OF NLCS OBJECTIVES AND VALUES | | |
| OIL AND GAS PAD/PIPELINE RESTORATION | OIL AND GAS PAD/PIPELINE RESTORATION | | |
| POST FIRE RECOVERY | POST FIRE RECOVERY | | |
| RANGELAND MANAGEMENT AND IMPROVEMENT | RANGELAND MANAGEMENT AND IMPROVEMENT | | |
| RECREATION MANAGEMENT | RECREATION MANAGEMENT | | |
| RIPARIAN AREA MANAGEMENT/AQUATIC | RIPARIAN AREA MANAGEMENT/AQUATIC | | |
| WATERSHED MANAGEMENT AND IMPROVEMENT (SOIL/WATER STABILIZATION) | WATERSHED MANAGEMENT AND IMPROVEMENT (SOIL/WATER STABILIZATION) | | |
| WATERSHED MANAGEMENT FOR WATER YIELD | WATERSHED MANAGEMENT FOR WATER YIELD | | |
| WILD HORSE AND BURRO HABITAT MANAGEMENT | WILD HORSE AND BURRO HABITAT MANAGEMENT | | |
| WILDERNESS MANAGEMENT | WILDERNESS MANAGEMENT | | |
| WILDLAND URBAN INTERFACE | WILDLAND URBAN INTERFACE | | |
| WILDLIFE HABITAT MANAGEMENT | WILDLIFE HABITAT MANAGEMENT | | |

| Name | Description | Comment | Apply to |
|---------------------------------|--------------------------------------|---------|--------------------------------------|
| <i>Treatment_Cause_Category</i> | <i>TREATMENT CAUSE CATEGORY NAME</i> | | TreatmentComponentLocation:CAUSE_CAT |
| ABIOTIC DAMAGE | ABIOTIC DAMAGE | | |
| ANIMALS | ANIMALS | | |
| ENERGY ACTIVITIES | ENERGY ACTIVITIES | | |
| FIRE | FIRE | | |
| INSECTS | INSECTS | | |
| INVASIVE SPECIES | INVASIVE SPECIES | | |
| MULTI-DAMAGE | MULTI-DAMAGE | | |
| PLANT COMMUNITY | PLANT COMMUNITY | | |
| UNREGULATED HUMAN ACTIVITIES | UNREGULATED HUMAN ACTIVITIES | | |
| UNDETERMINED | UNDETERMINED | | |

| Name | Description | Comment | Apply to |
|------------------------------------|------------------------------------|------------------------------|--------------------------------------|
| <i>Treatment_Cause_Detail</i> | <i>TREATMENT CAUSE DETAIL NAME</i> | Applies to: | TreatmentComponentLocation:CAUSE_DTL |
| NATURAL DISASTER | NATURAL DISASTER | ABIOTIC DAMAGE | |
| WATER | WATER | ABIOTIC DAMAGE | |
| WIND | WIND | ABIOTIC DAMAGE | |
| DOMESTIC ANIMALS | DOMESTIC ANIMALS | ANIMALS | |
| WILD HORSES | WILD HORSES | ANIMALS | |
| WILDLIFE | WILDLIFE | ANIMALS | |
| GEOHERMAL | GEOHERMAL | ENERGY ACTIVITIES | |
| MINERALS | MINERALS | ENERGY ACTIVITIES | |
| OIL/GAS | OIL/GAS | ENERGY ACTIVITIES | |
| SOLAR | SOLAR | ENERGY ACTIVITIES | |
| TRANSMISSION LINES | TRANSMISSION LINES | ENERGY ACTIVITIES | |
| WIND | WIND | ENERGY ACTIVITIES | |
| EXCLUSION OF FIRE | EXCLUSION OF FIRE | FIRE | |
| PRESCRIBED FIRE | PRESCRIBED FIRE | FIRE | |
| WILD FIRE | WILD FIRE | FIRE | |
| BARK BEETLES | BARK BEETLES | INSECTS | |
| BORING INSECTS | BORING INSECTS | INSECTS | |
| BROOM RUSTS | BROOM RUSTS | INSECTS | |
| CHEWING INSECTS | CHEWING INSECTS | INSECTS | |
| DECLINE COMPLEXES/DIEBACK/WILTS | DECLINE COMPLEXES/DIEBACK/WILTS | INSECTS | |
| DEFOLIATORS | DEFOLIATORS | INSECTS | |
| FOLIAGE DISEASES | FOLIAGE DISEASES | INSECTS | |
| GALLMAKER INSECTS | GALLMAKER INSECTS | INSECTS | |
| GENERAL DISEASES | GENERAL DISEASES | INSECTS | |
| GENERAL INSECTS | GENERAL INSECTS | INSECTS | |
| INSECT PREDATORS | INSECT PREDATORS | INSECTS | |
| PARASITIC/EPIPHYTIC PLANTS | PARASITIC/EPIPHYTIC PLANTS | INSECTS | |
| PATHOGEN | PATHOGEN | INSECTS | |
| ROOT/BUTT DISEASES | ROOT/BUTT DISEASES | INSECTS | |
| SEED/CONE/FLOWER/FRUIT INSECTS | SEED/CONE/FLOWER/FRUIT INSECTS | INSECTS | |
| STEM DECAYS/CANKERS | STEM DECAYS/CANKERS | INSECTS | |
| STEM RUSTS | STEM RUSTS | INSECTS | |
| SUCKING INSECTS | SUCKING INSECTS | INSECTS | |
| VIRUS | VIRUS | INSECTS | |
| PATHOGENS | PATHOGENS | INVASIVE SPECIES | |
| PLANTS (AQUATIC) | PLANTS (AQUATIC) | INVASIVE SPECIES | |
| PLANTS (TERRESTRIAL) | PLANTS (TERRESTRIAL) | INVASIVE SPECIES | |
| VIRUSES | VIRUSES | INVASIVE SPECIES | |
| CARBON BIO SEQUESTRATION | CARBON BIO SEQUESTRATION | PLANT COMMUNITY | |
| COMMERCIAL PRODUCTION | COMMERCIAL PRODUCTION | PLANT COMMUNITY | |
| FOREST TYPE (NEEDS CONVERSION) | FOREST TYPE (NEEDS CONVERSION) | PLANT COMMUNITY | |
| HAZARDOUS FUELS | HAZARDOUS FUELS | PLANT COMMUNITY | |
| INADEQUATE AGE/STRUCTURE DIVERSITY | INADEQUATE AGE/STRUCTURE DIVERSITY | PLANT COMMUNITY | |
| FOREST SUCCESSION | FOREST SUCCESSION | PLANT COMMUNITY | |
| OVERSTOCKED | OVERSTOCKED | PLANT COMMUNITY | |
| STAGNATED VEGETATION COMMUNITY | STAGNATED VEGETATION COMMUNITY | PLANT COMMUNITY | |
| UNDER/NON-STOCKED FOREST LAND | UNDER/NON-STOCKED FOREST LAND | PLANT COMMUNITY | |
| OHV USE | OHV USE | UNREGULATED HUMAN ACTIVITIES | |
| RECREATION | RECREATION | UNREGULATED HUMAN ACTIVITIES | |
| TRESPASS | TRESPASS | UNREGULATED HUMAN ACTIVITIES | |
| UDI (UNDOCUMENTED IMMIGRANTS) | UDI (UNDOCUMENTED IMMIGRANTS) | UNREGULATED HUMAN ACTIVITIES | |
| WILDLAND URBAN INTERFACE | WILDLAND URBAN INTERFACE | UNREGULATED HUMAN ACTIVITIES | |

| Name | Description | Comment | Apply to |
|------------------------------|----------------------------|-------------|---------------------------------------|
| <i>Treatment_Status_Name</i> | <i>Project Status Text</i> | Applies to: | TreatmentComponentLocation:TRT_STATUS |
| PROPOSED | PROPOSED | | |
| COMPLETED | COMPLETED | | |
| STARTED | STARTED | | |

| Name | Description | Comment | Apply to |
|------|-------------|---------|----------|
|------|-------------|---------|----------|

NISIMS 2.5 Domain Definitions

| <i>domDistribution</i> | <i>Distribution Characteristics of Infestation</i> | Applies to: | WeedInfestationLocation:DISTRIBUTE |
|------------------------|--|-------------|------------------------------------|
| ISOLATED | ISOLATED | | |
| SCATTERED | SCATTERED | | |
| CLUMPED | CLUMPED | | |
| PERVASIVE | PERVASIVE | | |

| Name | Description | Comment | Apply to |
|-------------------------------|------------------------------------|----------------|---------------------------------------|
| <i>Initial_Treatment_Code</i> | <i>Initial Treatment Code Text</i> | Applies to: | TreatmentComponentLocation:INITIAL_CD |
| I | INITIAL | | |
| F | FOLLOW-UP | | |