



## CONIFER DAMAGE AGENT AND CONDITION CODES

FIELD CODES	DESCRIPTION	FIELD CODES	DESCRIPTION	FIELD CODES	DESCRIPTION
<b>A</b>	<b>ANIMAL DAMAGE</b>				
AB	BEAR	AP	PORCUPINE	DFB	Delphinella tip blight <i>Delphinella</i> spp.
AC	CATTLE	AS	SQUIRREL	DFC	Large-spored spruce-labrador tea rust <i>Chrysomyxa ledicola</i>
AD	DEER	AV	VOLE	DFD	Spruce needle cast <i>Lirula macrospora</i>
AE	ELK	AX	BIRDS	DFE	Elytroderma needle and shoot disease <i>Elytroderma deformans</i>
AH	HARE OR RABBIT	AZ	BEAVER	DFH	Larch needle blight <i>Hypodermella laricis</i>
AM	MOOSE			DFJ	Phaeoseptoria needle cast <i>Phaeoseptoria contortae</i>
AO	PIKA			DFL	Pine needle cast <i>Lophodermella concolor</i>
				DFM	Larch needle cast <i>Meria laricis</i>
				DFN	Leptomelanconium needle blight <i>Leptomelanconium pinicola</i>
				DFO	Lophodermium needle cast <i>Lophodermium seditiosum</i>
				DFP	Fir-fireweed rust <i>Pucciniastrum epilobii</i>
				DFR	Douglas-fir needle cast <i>Rhabdocline pseudotsugae</i>
				DFS	Dothistroma (red band) needle blight <i>Mycosphaerella pini</i>
				DFU	Cedar leaf blight <i>Didymascella thujina</i>
				DFW	Swiss needle cast <i>Phaeocryptopus gaeumannii</i>
				DFX	Brown felt blight <i>Herpotrichia</i> spp.
				DFY	Hendersonia needle cast <i>Hendersonia pinicola</i>
				DFZ	Rhizosphaera needle cast <i>Rhizosphaera kalkhoffii</i>
<b>N</b>	<b>ABIOTIC INJURIES</b>			<b>DL</b>	<b>LEADER OR BRANCH DIEBACKS</b>
NAV	Avalanche or snow slide	NK	FUMEKILL	DLD	Dermea canker <i>Dermea pseudotsugae</i>
NB	FIRE	NL	LIGHTNING	DLF	Red flag disease <i>Potebniamyces balsamicola</i>
ND	DROUGHT	NN	ROAD SALT	DLK	Conifer cytospora canker <i>Leucostoma kunzei</i>
NF	FLOODING	NR	REDBELT	DLP	Diaporthe canker <i>Diaporthe lokoyae</i>
NG	FROST	NS	SLIDE	DLS	Sydowia tip dieback <i>Sclerophoma pithyophila</i>
NGC	Frost crack	NW	WINDTHROW	DFT	Sirococcus tip blight <i>Sirococcus strobilinus</i>
NGH	Frost-heaved	NWS	Windthrow-soil failure	<b>DM</b>	<b>DWARF MISTLETOES</b>
NGK	Shoot / bud frost kill or harvest related	NWT	Windthrow-treatment	DMF	Douglas-fir dwarf mistletoe <i>Arceuthobium douglasii</i>
NH	HAIL	NX	WIND SCARRING OR RUBBING	DMH	Hemlock dwarf mistletoe <i>Arceuthobium tsugense</i>
		NY	SNOW, ICE, SNOW PRESS	DML	Larch dwarf mistletoe <i>Arceuthobium laricis</i>
		NZ	SUNSCALD	DMP	Lodgepole pine dwarf mistletoe <i>Arceuthobium americanum</i>
<b>D</b>	<b>DISEASE</b>			<b>DR</b>	<b>ROOT DISEASES</b>
DB	BROOM RUST			DRA	Armillaria root disease <i>Armillaria ostoyae</i>
DBF	Fir broom rust <i>Melampsorella caryophyllacearum</i>			DRB	Blackstain root disease <i>Leptographium wageneri</i>
DBS	Spruce broom rust <i>Chrysomyxa arctostaphyli</i>			DRC	Laminated root rot (cedar form) <i>Phellinus weirii</i>
DD	STEM DECAYS			DRL	Laminated root rot (Fd form) <i>Phellinus sulphurascens</i>
DDA	White mottled rot <i>Ganoderma applanatum</i>			DRN	Annosus root disease <i>Heterobasidion annosum</i>
DDD	Sulfur fungus <i>Laetiporus sulphureus</i>			DRR	Rhizina root disease <i>Rhizina undulata</i>
DDE	Rust-red stringy rot <i>Echinodontium tinctorium</i>				
DDF	Brown crumbly rot <i>Fomitopsis pinicola</i>				
DDO	Brown cubical butt & pocket rot of cedar <i>Postia sericeomollis</i>				
DDP	Red ring rot <i>Phellinus pini</i>				
DDQ	Brown trunk rot (quinine fungus) <i>Fomitopsis officinalis</i>				
DF	FOLIAGE DISEASES				
DFA	Western pine aster rust <i>Coleosporium asterum</i>				

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DRS	Schweinitzii butt rot <i>Phaeolus schweinitzii</i>	IDP	Larch sawfly <i>Pristiphora erichsonii</i>
DRT	Tomentosus root rot <i>Inonotus tomentosus</i>	IDS	Conifer sawflies <i>Neodiprion spp.</i>
DS	STEM DISEASE (CANKER OR RUST)	IDT	Douglas-fir tussock moth <i>Orgyia pseudotsugata</i>
DSA	Atropellis canker <i>Atropellis piniphila</i>	IDV	Variegated cutworm <i>Peridroma saucia</i>
DSB	White pine blister rust <i>Cronartium ribicola</i>	IDW	Western spruce budworm <i>Choristoneura occidentalis</i>
DSC	Comandra blister rust <i>Cronartium comandrae</i>	IDZ	Western false hemlock looper <i>Nepytia freemani</i>
DFE	Elytroderma needle and shoot disease <i>Elytroderma deformans</i>	IS	SHOOT AND STEM INSECTS
DSG	Western gall rust <i>Endocronartium harknessii</i>	ISB	Western cedar borer <i>Trachykele blondeli</i>
DSS	Stalactiform blister rust <i>Cronartium coleosporioides</i>	ISE	European pine shoot moth <i>Rhyacionia buoliana</i>
I	INSECTS	ISG	Gouty pitch midge <i>Cecidomyia piniinopis</i>
IA	APHIDS OR ADELGIDS	ISP	Pitch nodule moths <i>Petrova spp.</i>
IAB	Balsam woolly adelgid <i>Adelges piceae</i>	ISS	Western pine shoot borer <i>Eucosma sonomana</i>
IAC	Giant conifer aphid <i>Cinara spp</i>	ISQ	Sequoia pitch moth <i>Synanthedon sequoiae</i>
IAG	Cooley spruce gall adelgid <i>Adelges cooleyi</i>	IW	WEEVILS
IAL	Larch cone woolly aphid <i>Adelges lariciatus</i>	IWC	Conifer seedling weevil <i>Steremnius carinatus</i>
IAS	Spruce aphid <i>Elatobium abietinum</i>	IWM	Magdalis sp.
IB	BARK BEETLES	IWP	Lodgepole pine terminal weevil <i>Pissodes terminalis</i>
IBB	Western balsam bark beetle <i>Dryocoetes confusus</i>	IWS	White pine weevil (on spruce) <i>Pissodes strobi</i>
IBD	Douglas-fir beetle <i>Dendroctonus pseudotsugae</i>	IWW	Warren's root collar weevil <i>Hylobius warreni</i>
IBE	Silver fir beetle <i>Pseudohylesinus sericeus</i>	IWY	Cylindrocopturus weevil <i>Cylindrocopturus spp.</i>
IBF	Fir engraver beetle <i>Scolytus ventralis</i>	IWZ	Yosemite bark weevil <i>Pissodes schwartzii</i>
IBH	Hylurgops beetle <i>Hylurgops rugipennis</i>	M	MITE DAMAGE (TRISETACUS SPECIES)
IBI	Engraver beetles <i>Ips</i>	T	TREATMENT INJURIES
IBL	Lodgepole pine beetle <i>Dendroctonus murrayanae</i>	TC	CHEMICAL
IBM	Mountain pine beetle <i>Dendroctonus ponderosae</i>	TH	HARVESTED
IBP	Twig beetles <i>Pityogenes, Pityophthorus spp</i>	TL	LOGGING
IBS	Spruce beetle <i>Dendroctonus rufipennis</i>	TM	OTHER MECHANICAL DAMAGE (NON-LOGGING)
IBT	Red turpentine beetle <i>Dendroctonus valens</i>	TP	PLANTING
IBW	Western pine beetle <i>Dendroctonus brevicomis</i>	TPM	Planting — poor microsite
ID	DEFOLIATING INSECTS	TR	PRUNING
IDA	Black army cutworm <i>Actebia fennica</i>	TT	THINNING OR SPACING
IDB	Two-year budworm <i>Choristoneura biennis</i>	V	VEGETATION PROBLEMS
IDC	Larch casebearer <i>Coleophora laricella</i>	VH	HERBACEOUS COMPETITION
IDE	Spruce budworm <i>Choristoneura fumiferana</i>	VP	VEGETATION PRESS
IDG	Green-striped forest looper <i>Melanolophia imatata</i>	VS	SHRUB COMPETITION
IDH	Western blackheaded budworm <i>Acleris gloverana</i>	VT	TREE COMPETITION
IDI	Pine needle sheath miner <i>Zelleria haimbachi</i>		
IDL	Western hemlock looper <i>Lambdina fiscellaria lugubrosa</i>		