

## Pattern Headings: Plants and Crops H 1180

**PATTERN:** Corn

**TYPES OF HEADINGS COVERED BY THE PATTERN:** Headings for individual plants and crops and groups of plants and crops, including algae, fungi, and lichens, at all taxonomic levels, established using either common or scientific names. The pattern also covers headings for extinct and fossil plants. *Examples:* **Camellias; Eucalyptus alba; Rice; Basidiomycetes; Forage plants; Grain; Fruit; Weeds; Yeast fungi; Davis peppergrass; Franklinia; Gymnosperms, Fossil.** The category does not include the headings **Plants; Plants, Cultivated; Crops; and Field crops.**

**CONFLICTS:** Any subdivision listed here can be used as a free-floating subdivision under any heading belonging to the category if it is appropriate and no conflict exists in the subject authority file. Subject authority records may exist for headings employing variant phrases or subdivisions equivalent to subdivisions on this list.

*LC practice:*

If an exceptional variant form is to be retained, make a UF reference from the equivalent free-floating subdivision form following the procedures in H 195 if the reference does not yet exist. Otherwise, submit a proposal to change the variant form along with all bibliographic records requiring correction following the procedures in H 193.

*Note: Most form subdivisions coded \$v in this list may also be used as topical subdivisions coded \$x when assigned to works **about** the form (see H 1075, sec. 1.d.).*

- \$x Abnormalities (May Subd Geog)
- \$x Adaptation (May Subd Geog)
- \$x Age (May Subd Geog)
- \$x Age determination (May Subd Geog)
- \$x Aging
- \$x Aging \$x Genetic aspects
- \$x Analysis
- \$x Anatomy
- \$x Artificial growing media
- \$x Biological control (May Subd Geog)
- \$x Biotechnology (May Subd Geog)

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- \$x Breeding<sup>1</sup> (*May Subd Geog*)
- \$x Carbon content (*May Subd Geog*)
- \$v Catalogs and collections (*May Subd Geog*)
- \$x Chemical defenses (*May Subd Geog*)
- \$x Chemical ecology (*May Subd Geog*)
- \$x Chemotaxonomy (*May Subd Geog*)
- \$x Cladistic analysis (*May Subd Geog*)
- \$v Classification
- \$x Classification \$x Molecular aspects
- \$x Climatic factors (*May Subd Geog*)
- \$x Clones (*May Subd Geog*)
- \$x Clones \$x Selection (*May Subd Geog*)
- \$x Clones \$x Variation (*May Subd Geog*)
- \$x Collection and preservation (*May Subd Geog*)
- \$x Colonization (*May Subd Geog*)
- \$x Color (*May Subd Geog*)
- \$x Color \$x Fading (*May Subd Geog*)
- \$x Color \$x Fading \$x Control (*May Subd Geog*)
- \$x Color \$x Genetic aspects
- \$x Composition
- \$x Conservation<sup>2</sup> (*May Subd Geog*)
- \$x Conservation \$x Law and legislation<sup>2,3</sup> (*May Subd Geog*)
- \$x Control (*May Subd Geog*)
- \$x Control \$x Environmental aspects (*May Subd Geog*)
- \$x Control \$x Law and legislation<sup>3</sup> (*May Subd Geog*)
- \$x Cooling (*May Subd Geog*)
- \$x Cooperative marketing (*May Subd Geog*)
- \$x Counting (*May Subd Geog*)
- \$x Cultural control (*May Subd Geog*)
- \$x Cuttings (*May Subd Geog*)
- \$x Cytochemistry
- \$x Cytogenetics
- \$x Cytology
- \$x Cytotaxonomy (*May Subd Geog*)
- \$x Defenses (*May Subd Geog*)
- \$x Development (*May Subd Geog*)
- \$x Disease and pest resistance (*May Subd Geog*)
- \$x Disease and pest resistance \$x Genetic aspects

## Pattern Headings: Plants and Crops H 1180

- \$x Disease-free stock (May Subd Geog)
- \$x Diseases and pests (May Subd Geog)
- \$x Diseases and pests \$x Biological control (May Subd Geog)
- \$x Diseases and pests \$x Control (May Subd Geog)
- \$x Diseases and pests \$x Control \$x Environmental aspects (May Subd Geog)
- \$x Diseases and pests \$x Cultural control (May Subd Geog)
- \$x Diseases and pests \$x Geographical distribution
- \$x Diseases and pests \$v Identification
- \$x Diseases and pests \$x Integrated control (May Subd Geog)
- \$x Diseases and pests \$x Monitoring (May Subd Geog)
- \$x Diseases and pests \$x Nutritional aspects (May Subd Geog)
- \$x Dispersal (May Subd Geog)
- \$x Dormancy (May Subd Geog)
- \$x Drought tolerance (May Subd Geog)
- \$x Drying (May Subd Geog)
- \$x Ecology (May Subd Geog)
- \$x Economic aspects (May Subd Geog)**
- \$x Ecophysiology (May Subd Geog)
- \$x Effect of acid deposition on (May Subd Geog)
- \$x Effect of acid precipitation on (May Subd Geog)
- \$x Effect of air pollution on (May Subd Geog)
- \$x Effect of air pollution on \$x Genetic aspects
- \$x Effect of altitude on (May Subd Geog)
- \$x Effect of aluminum sulfate on (May Subd Geog)
- \$x Effect of arsenic on (May Subd Geog)
- \$x Effect of atmospheric carbon dioxide on (May Subd Geog)
- \$x Effect of atmospheric deposition on (May Subd Geog)
- \$x Effect of atmospheric nitrogen dioxide on (May Subd Geog)
- \$x Effect of atmospheric ozone on (May Subd Geog)
- \$x Effect of browsing on<sup>2</sup> (May Subd Geog)
- \$x Effect of cadmium on (May Subd Geog)
- \$x Effect of calcium on (May Subd Geog)
- \$x Effect of cold on (May Subd Geog)
- \$x Effect of dichlorophenoxyacetic acid on (May Subd Geog)
- \$x Effect of dredging on<sup>2</sup> (May Subd Geog)
- \$x Effect of drought on (May Subd Geog)
- \$x Effect of ethephon on (May Subd Geog)
- \$x Effect of factory and trade waste on (May Subd Geog)
- \$x Effect of ferrous sulfate on (May Subd Geog)

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- \$x Effect of fires on (*May Subd Geog*)
- \$x Effect of fires on \$x Genetic aspects
- \$x Effect of floods on (*May Subd Geog*)
- \$x Effect of fluorides on (*May Subd Geog*)
- \$x Effect of fluorine on (*May Subd Geog*)
- \$x Effect of forest management on (*May Subd Geog*)
- \$x Effect of freezes on (*May Subd Geog*)
- \$x Effect of gamma rays on (*May Subd Geog*)
- \$x Effect of gases on (*May Subd Geog*)
- \$x Effect of global warming on (*May Subd Geog*)
- \$x Effect of glyphosate on (*May Subd Geog*)
- \$x Effect of grazing on (*May Subd Geog*)
- \$x Effect of greenhouse gases on (*May Subd Geog*)
- \$x Effect of heavy metals on (*May Subd Geog*)
- \$x Effect of hydrogen sulfide on (*May Subd Geog*)
- \$x Effect of ice on (*May Subd Geog*)
- \$x Effect of iron on (*May Subd Geog*)
- \$x Effect of light on (*May Subd Geog*)
- \$x Effect of magnesium on (*May Subd Geog*)
- \$x Effect of magnetism on (*May Subd Geog*)
- \$x Effect of manganese on (*May Subd Geog*)
- \$x Effect of minerals on (*May Subd Geog*)
- \$x Effect of off-road vehicles on (*May Subd Geog*)
- \$x Effect of oxygen on (*May Subd Geog*)
- \$x Effect of ozone on (*May Subd Geog*)
- \$x Effect of pesticides on (*May Subd Geog*)
- \$x Effect of poaching on (*May Subd Geog*)
- \$x Effect of pollution on (*May Subd Geog*)
- \$x Effect of potassium on (*May Subd Geog*)
- \$x Effect of radiation on (*May Subd Geog*)
- \$x Effect of radioactive pollution on (*May Subd Geog*)
- \$x Effect of salt on (*May Subd Geog*)
- \$x Effect of sediments on<sup>2</sup> (*May Subd Geog*)
- \$x Effect of soil acidity on (*May Subd Geog*)
- \$x Effect of soil moisture on (*May Subd Geog*)
- \$x Effect of stress on (*May Subd Geog*)
- \$x Effect of sulfates on (*May Subd Geog*)
- \$x Effect of sulfur on (*May Subd Geog*)
- \$x Effect of temperature on (*May Subd Geog*)

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- \$x Effect of thermal pollution on *(May Subd Geog)*
- \$x Effect of trampling on *(May Subd Geog)*
- \$x Effect of trichloroethylene on *(May Subd Geog)*
- \$x Effect of turbidity on *(May Subd Geog)*
- \$x Effect of ultraviolet radiation on *(May Subd Geog)*
- \$x Effect of volcanic eruptions on *(May Subd Geog)*
- \$x Effect of water levels on<sup>2</sup> *(May Subd Geog)*
- \$x Effect of water pollution on *(May Subd Geog)*
- \$x Effect of water waves on<sup>2</sup> *(May Subd Geog)*
- \$x Effect of wind on *(May Subd Geog)*
- \$x Electric properties *(May Subd Geog)*
- \$x Embryology
- \$x Embryos *(May Subd Geog)*
- \$x Embryos \$x Nutrition *(May Subd Geog)*
- \$x Equipment and supplies
- \$x Evolution *(May Subd Geog)*
- \$x Fertilizers *(May Subd Geog)*
- \$x Field experiments
- \$x Flowering
- \$x Flowering \$x Molecular aspects
- \$x Flowering time
- \$x Frost damage *(May Subd Geog)*
- \$x Frost protection *(May Subd Geog)*
- \$x Frost resistance *(May Subd Geog)*
- \$x Fumigation *(May Subd Geog)*
- \$x Genetic engineering *(May Subd Geog)*
- \$x Genetics
- \$x Genome mapping *(May Subd Geog)*
- \$x Geographical distribution
- \$x Geographical distribution \$x Climatic factors *(May Subd Geog)*
- \$x Germplasm resources *(May Subd Geog)*
- \$x Germplasm resources \$v Catalogs and collections *(May Subd Geog)*
- \$x Germplasm resources \$x Cryopreservation *(May Subd Geog)*
- \$v Gift books
- \$x Grading *(May Subd Geog)*
- \$x Grafting *(May Subd Geog)*
- \$x Growing media *(May Subd Geog)*
- \$x Growth

## H 1180 Pattern Headings: Plants and Crops

\$x Habitat (*May Subd Geog*)  
\$x Handling (*May Subd Geog*)  
\$x Hardiness (*May Subd Geog*)  
\$x Harvesting (*May Subd Geog*)  
\$x Harvesting \$x Machinery (*May Subd Geog*)  
\$x Harvesting time (*May Subd Geog*)  
\$x Health (*May Subd Geog*)  
\$x Heavy metal content (*May Subd Geog*)  
\$x Heirloom varieties (*May Subd Geog*)  
\$x Herbicide injuries (*May Subd Geog*)  
\$x Histochemistry  
\$x Husking (*May Subd Geog*)  
\$x Hybridization (*May Subd Geog*)  
\$v Identification  
\$x Industrial applications (*May Subd Geog*)  
\$x Inoculation (*May Subd Geog*)  
\$x Insect resistance (*May Subd Geog*)  
\$x Insect resistance \$x Genetic aspects  
\$x Inspection (*May Subd Geog*)  
\$x Integrated control (*May Subd Geog*)  
\$x Irrigation (*May Subd Geog*)  
\$x Judging (*May Subd Geog*)  
\$x Law and legislation<sup>3</sup> (*May Subd Geog*)  
\$x Life cycles (*May Subd Geog*)  
\$x Location (*May Subd Geog*)  
\$x Longevity (*May Subd Geog*)  
\$x Losses (*May Subd Geog*)  
\$x Losses \$x Prevention  
\$x Machinery (*May Subd Geog*)  
\$x Marketing  
\$x Mechanical properties  
\$x Metabolism  
\$x Microbiology (*May Subd Geog*)  
\$x Micropropagation (*May Subd Geog*)  
\$x Microscopy (*May Subd Geog*)  
\$x Milling (*May Subd Geog*)  
\$x Moisture (*May Subd Geog*)  
\$x Molecular aspects

## Pattern Headings: Plants and Crops H 1180

- \$x Molecular genetics
- \$x Monitoring (*May Subd Geog*)
- \$x Morphogenesis (*May Subd Geog*)
- \$x Morphology
- \$x Mortality (*May Subd Geog*)
- \$x Mulching (*May Subd Geog*)
- \$x Mutation breeding (*May Subd Geog*)
- \$v Nomenclature
- \$v Nomenclature (Popular)
- \$v Nomenclature (Popular) \$x French, [Italian, etc.]
- \$x Nutrition (*May Subd Geog*)
- \$x Odor<sup>2</sup>
- \$x Odor \$x Molecular aspects
- \$x Organic farming (*May Subd Geog*)
- \$x Origin
- \$x Osmotic potential (*May Subd Geog*)
- \$x Packaging (*May Subd Geog*)
- \$x Packing (*May Subd Geog*)
- \$x Palynotaxonomy (*May Subd Geog*)
- \$x Phenology
- \$x Photomorphogenesis
- \$x Phylogeny
- \$x Phylogeny \$x Molecular aspects
- \$x Physiological effect (*May Subd Geog*)
- \$x Physiology (*May Subd Geog*)
- \$x Planting (*May Subd Geog*)
- \$x Planting time (*May Subd Geog*)
- \$x Political aspects** (*May Subd Geog*)
- \$x Pollen (*May Subd Geog*)
- \$x Pollen \$x Morphology
- \$x Pollen management (*May Subd Geog*)
- \$x Pollination (*May Subd Geog*)
- \$x Pollination \$x Climatic factors (*May Subd Geog*)
- \$x Population regeneration<sup>2</sup> (*May Subd Geog*)
- \$x Population viability analysis<sup>2</sup> (*May Subd Geog*)
- \$x Postharvest diseases and injuries (*May Subd Geog*)
- \$x Postharvest diseases and injuries \$x Biological control (*May Subd Geog*)
- \$x Postharvest diseases and injuries \$x Integrated control (*May Subd Geog*)
- \$x Postharvest losses (*May Subd Geog*)
- \$x Postharvest losses \$x Prevention

## H 1180 Pattern Headings: Plants and Crops

- \$x Postharvest physiology (*May Subd Geog*)
- \$x Postharvest technology (*May Subd Geog*)\$x Precooling (*May Subd Geog*)
- \$x Preharvest sprouting (*May Subd Geog*)
- \$x Preservation (*May Subd Geog*)
- \$x Prices (*May Subd Geog*)
- \$x Processing (*May Subd Geog*)
- \$x Processing \$x Machinery (*May Subd Geog*)
- \$x Propagation (*May Subd Geog*)
- \$x Protection (*May Subd Geog*)
- \$x Protection \$x Law and legislation<sup>3</sup> (*May Subd Geog*)
- \$x Provenance trials (*May Subd Geog*)
- \$x Provenances (*May Subd Geog*)
- \$x Pruning (*May Subd Geog*)
- \$x Psychic aspects (*May Subd Geog*)
- \$x Quality (*May Subd Geog*)
- \$x Radiation preservation (*May Subd Geog*)
- \$x Radioactive contamination (*May Subd Geog*)
- \$x Radiography (*May Subd Geog*)
- \$x Regeneration (*May Subd Geog*)
- \$x Reintroduction<sup>2</sup> (*May Subd Geog*)
- \$x Religious aspects<sup>5</sup>
- \$x Reproduction<sup>4</sup>
- \$x Research (*May Subd Geog*)
- \$x Research \$x Law and legislation<sup>1</sup> (*May Subd Geog*)
- \$x Residues (*May Subd Geog*)
- \$x Ripening (*May Subd Geog*)
- \$x Roots
- \$x Roots \$x Anatomy
- \$x Roots \$x Diseases and pests (*May Subd Geog*)
- \$x Roots \$x Physiology (*May Subd Geog*)
- \$x Rootstocks (*May Subd Geog*)
- \$x Sampling (*May Subd Geog*)
- \$x Seasonal variations (*May Subd Geog*)
- \$x Seedlings
- \$x Seedlings \$x Diseases and pests (*May Subd Geog*)
- \$x Seedlings \$x Ecophysiology (*May Subd Geog*)



## Pattern Headings: Plants and Crops H 1180

\$x Seedlings \$x Effect of browsing on<sup>2</sup> (*May Subd Geog*)  
\$x Seedlings \$x Effect of floods on (*May Subd Geog*)  
\$x Seedlings \$x Evaluation  
\$x Seedlings \$x Growth  
\$x Seedlings \$x Protection (*May Subd Geog*)  
\$x Seedlings \$x Quality (*May Subd Geog*)  
\$x Seedlings \$x Roots  
\$x Seedlings, Bareroot  
\$x Seedlings, Container  
\$x Seeds (*May Subd Geog*)  
\$x Seeds \$x Anatomy  
\$x Seeds \$x Certification (*May Subd Geog*)  
\$x Seeds \$x Climatic factors (*May Subd Geog*)  
\$x Seeds \$x Dispersal (*May Subd Geog*)  
\$x Seeds \$x Dormancy (*May Subd Geog*)  
\$x Seeds \$x Drying (*May Subd Geog*)  
\$x Seeds \$x Handling (*May Subd Geog*)  
\$x Seeds \$x Harvesting (*May Subd Geog*)  
\$x Seeds \$v Identification  
\$x Seeds \$x Marketing  
\$x Seeds \$x Morphology  
\$x Seeds \$x Packaging (*May Subd Geog*)  
\$x Seeds \$x Physiology (*May Subd Geog*)  
\$x Seeds \$x Postharvest technology (*May Subd Geog*)  
\$x Seeds \$x Predators of (*May Subd Geog*)  
\$x Seeds \$x Processing (*May Subd Geog*)  
\$x Seeds \$x Production (Biology) (*May Subd Geog*)  
\$x Seeds \$x Quality (*May Subd Geog*)  
\$x Seeds \$x Storage (*May Subd Geog*)  
\$x Seeds \$x Testing  
\$x Seeds \$x Viability (*May Subd Geog*)  
\$x Selection (*May Subd Geog*)  
\$x Sensory evaluation (*May Subd Geog*)  
\$x Shelling (*May Subd Geog*)  
\$x Shelling \$x Machinery (*May Subd Geog*)  
\$x Showing (*May Subd Geog*)  
\$x Silage (*May Subd Geog*)  
\$x Silica content (*May Subd Geog*)

## H 1180 Pattern Headings: Plants and Crops

- \$x Size (*May Subd Geog*)
- \$x Social aspects** (*May Subd Geog*)
- \$x Soils (*May Subd Geog*)
- \$x Somatic embryogenesis (*May Subd Geog*)
- \$x Sowing (*May Subd Geog*)
- \$x Spacing (*May Subd Geog*)
- \$x Spores<sup>2</sup> (*May Subd Geog*)
- \$x Spores \$x Morphology<sup>2</sup>
- \$x Speciation (*May Subd Geog*)
- \$x Storage (*May Subd Geog*)
- \$x Storage \$x Climatic factors (*May Subd Geog*)
- \$x Storage \$x Diseases and injuries (*May Subd Geog*)
- \$x Technological innovations (*May Subd Geog*)
- \$x Temperature (*May Subd Geog*)
- \$x Therapeutic use (*May Subd Geog*)
- \$x Therapeutic use \$x Side effects (*May Subd Geog*)
- \$x Thermal properties (*May Subd Geog*)
- \$x Thinning (*May Subd Geog*)
- \$x Threshing (*May Subd Geog*)
- \$x Threshing \$x Machinery (*May Subd Geog*)
- \$x Toxicology (*May Subd Geog*)
- \$x Training (*May Subd Geog*)
- \$x Transplanting (*May Subd Geog*)
- \$x Transplanting \$x Machinery (*May Subd Geog*)
- \$x Transportation (*May Subd Geog*)
- \$x Transportation \$x Diseases and injuries (*May Subd Geog*)
- \$x Type specimens (*May Subd Geog*)
- \$x Ultrastructure
- \$x Utilization (*May Subd Geog*)
- \$x Varieties (*May Subd Geog*)
- \$x Variation<sup>2</sup> (*May Subd Geog*)
- \$x Vegetative propagation (*May Subd Geog*)
- \$x Vertical distribution<sup>2</sup> (*May Subd Geog*)
- \$x Virus diseases (*May Subd Geog*)
- \$x Viruses (*May Subd Geog*)
- \$x Vitality (*May Subd Geog*)
- \$x Water requirements (*May Subd Geog*)
- \$x Weed control (*May Subd Geog*)

## Pattern Headings: Plants and Crops H 1180

\$x Wounds and injuries (May Subd Geog)

\$x Wounds and injuries \$x Diagnosis (May Subd Geog)

\$x Yields (May Subd Geog)

### NOTES

<sup>1</sup>Use **–Breeding** for the controlled mating and selection of plants by humans, usually for the purpose of improving the species or variety. Use **–Reproduction** for the physiological processes by which plants generate offspring of the same kind.

<sup>2</sup>Not established under **Corn**. Use under other plants as appropriate, for example, **Grasses–Conservation; Forest plants–Effect of browsing on; Aquatic plants–Effect of dredging on; Helophytes–Effect of water levels on; Aquatic plants–Population regeneration; Grasses–Population viability analysis; Grasses–Reintroduction; Trees–Seedlings–Effect of browsing on; Ferns–Spores; Grasses–Variation; Phytoplankton–Vertical distribution.**

<sup>3</sup>See H 1154.5 for further subdivisions used under legal topics.

<sup>4</sup>Use **–Reproduction** for the physiological processes by which plants generate offspring of the same kind. Use **–Breeding** for the controlled mating and selection of plants by humans, usually for the purpose of improving the species or variety.

<sup>5</sup> May be subdivided topically by a religion or Christian denomination. Editorially establish each heading of the type **[plant or crop]–Religious aspects–[name of religion or denomination]**. For instructions, see H 1998.