has become established in and more or less adapted to a region by long, continued growth there. Does not require artificial inputs for survival and reproduction, and has established a stable or expanding population. Examples: cheatgrass, Kentucky bluegrass, starling, etc.

**Nonselective Herbicide** - A chemical that is toxic to plants, generally without regard to species.

**Noxious Weed** - A weed arbitrarily defined by law as being especially undesirable, troublesome, and difficult to control. Definition varies according to legal interpretations.

**Nurse Crop** - See “companion crop”.

**Off-center Evaluations** - Plantings used by PMCs to evaluate releases or technology off the center; data is collected and analyzed statistically; was previously named “field evaluation planting.”

**On-center Evaluations** - Plantings done on the PMC to evaluate new technology or new plant selections; data is collected and analyzed statistically.

**Open Pollination** - Natural, as opposed to controlled, pollination. Open pollinated seed contrasts with hybrid seed.

**Perennial** - A plant that lives more than 2 years.

**Performance Trial** –A planting designed to test a potential plant release for reliability in a particular conservation application. May require multiple plantings and/or off-center sites. Standards for comparison are to be included if available.

**Phenology** - A branch of science dealing with the relationship between climate and periodic biological phenomena. Also dates or sequence of occurrence of different growth stages of plants.

**Phenotype** - (1) The external appearance or discernible characteristics of an organism, resulting from interaction between an organism's genetic makeup (genotype) and the environment. A group of individual plants may appear alike (phenotypically) but not have the same genotype, or they may vary in appearance and have the same genotype. (2) Observable characteristics.

**Photosynthesis** - The metabolic pathway by which plants produce food. See also “C-3 plants”, “C-4 plants”, and “CAM plants”.

**Pioneer Species** - The first species or community to colonize or recolonize a barren or disturbed area in primary or secondary succession.

**Plan of Operations (PO)** - see 'Business Plan'

**Plant Association**