FABA BEANS AND LENTILS

A Thesaurus of Terms Relating to their Cultivation, Improvement and Use in Arid Areas

Donald Leatherdale

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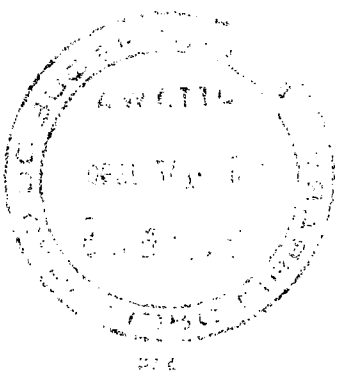

CONTENTS

INTRODUCTION

This thesaurus has been compiled to provide a basic vocabulary of terms for use in indexing documents concerned with faba beans and lentils, or in retrieving information on those crops, as major activities of two specialized information services. These are: FABIS, the Faba Bean Information Service, operating as a component of the Communications and Documentation program at the International Centre for Agricultural Research in the Dry Areas (ICARDA); and LENS, the Lentil Experimental News Service, operated by ICARDA in cooperation with the University of Saskatchewan.

As faba beans and lentils have much in common, their terminology is conveniently considered jointly, thus avoiding much needless repetition. The thesaurus may also be looked upon as a specialized sub-set of the Thesaurus on Tropical Grain and Forage Legumes (Leatherdale 1977) prepared for the International Grain Legumes Information Centre at the International Institute of Tropical Agriculture (CIAT). These thesauri follow an established pattern of crop-related vocabularies that have been compiled with the assistance and expertise of the Information Sciences Division of the International Development Research Centre (IDRC) of Canada, some of them for use with information systems operated at other international centres within the Consultative Group for International Agricultural Research and others for specialized international systems developed at other centres of agricultural excellence. All these thesauri have links with the terminology of AGROVOC, the multilingual thesaurus of AGRIS.

A thesaurus is a controlled, structured vocabulary of terms that collectively indicate the subject scope of an information system. It contains two types of terms: those which have been selected for use in describing individual concepts are called descriptors; those that are considered as synonyms are called non-descriptors. Information is input to the system by using a sequence of pertinent descriptors that portray the subject content of a given document. Thus a paper entitled 'Analysis of some structural and biochemical constituents of rust-resistant and susceptible cultivars of lentil' might, say, be indexed with such a string of descriptors as LENTIL CULTIVARS - HOST-PLANT RESISTANCE - UROMYCES FABAE - ANALYSIS - COMPOSITION. Conversely, these descriptors presented as a 'profile' when requesting information from the system would indicate the existence of that paper plus any others that may have been indexed with the same descriptors. The non-descriptors are aids to finding the correct descriptor to use: they do not indicate that one term is right and all others wrong, but that one has been selected to ensure that a particular concept is indexed in the information system consistently. For example, SULPHUR is used as a descriptor, but the non-descriptor 'sulfur' is also included to guide the user to whom the latter spelling is more familiar. This thesaurus contains approximately 1940 descriptors and 1090 non-descriptors.

The thesaurus is presented in two sections. In Section 1: Categorized Listing, the whole vocabulary is divided among ten subject headings, thus giving an idea of the subject scopes of FABIS and LENS. This gives a broad view of the subject, and may be helpful in locating a particular subject area; but generally this Section is less effective than Section 2 for indexing purposes. The thesauric unit is the descriptor. In Section 1,

major descriptors (or 'top terms') appear to the left-hand side of the page. Narrower or more specific descriptors are listed below them, preceded by a dash (-). No detail is given in this Section, except to show respective related terms, which occupy the right-hand side of the page and are preceded by an asterisk (*).

The following example shows the term layout in Section 1:

D AGRONOMY AND CULTIVATION	
CULTURAL REQUIREMENTS	* CULTIVATION
- SOIL REQUIREMENTS	* WATER REQUIREMENTS * PEDOCLIMATIC FACTORS * SOILS
- SOIL MICROBIOLOGY	* SOIL FERTILITY
- SOIL FLORA	* ECOLOGY * SOIL POPULATIONS
- RHIZOBIA	* NITROGEN FIXATION * NODULATION * INOCULATION

Here, CULTURAL REQUIREMENTS is a major descriptor in category D (Agronomy and cultivation): it has no broader or more generic term. CULTIVATION is a descriptor related intellectually to CULTURAL REQUIREMENTS. SOIL REQUIREMENTS is one of the narrower or more specific descriptors to CULTURAL REQUIREMENTS, with three related descriptors. SOIL MICROBIOLOGY is a narrower descriptor to SOIL REQUIREMENTS; it has a related descriptor. SOIL FLORA is a narrower descriptor to SOIL MICROBIOLOGY with two related descriptors. RHIZOBIA is a narrower descriptor to SOIL FLORA, and a final term in a hierarchy descending ever more narrowly from CULTURAL REQUIREMENTS. RHIZOBIA has three related descriptors. (The detail of the related descriptors is given either at their correct location in another hierarchical string, or in Section 2.)

Section 2: Alphabetical Listing is the more important part of the thesaurus, for in it are displayed each descriptor's full range of relationships. The descriptors, in upper case (capitals), and the non-descriptors, in lower case (small type), are given in a single alphabetical word-by-word sequence. Hyphens are treated as spaces, and numerals are ignored for alphabetization. Thus the descriptor '2.4-D' occurs at the beginning of the D sequence.

The usual thesauric conventions have been applied, with Broader Term, Narrower Term and Related Term indicated by BT, NT and RT, respectively. The use of RT is equivalent in search terms to the instruction "See also". A descriptor is usually sufficiently defined by its term relationships,

which place it semantically; but some descriptors and, exceptionally, non-descriptors are accompanied by a Scope Note (SN) when it has been felt that explanation or limitation was required in the context of this thesaurus. The synonyms, quasi-synonyms or pseudo-synonyms that a descriptor stands for in the system are indicated by UF ('Use For'), and the reciprocal statement USE is employed only with the non-descriptors. A letter after each descriptor shows the category or categories in which the term is to be found in Section 1.

The use of these symbols may better be understood by examining two examples:

i)	PHYSICAL CONTROL	E	Descriptor and category letter
	SN	Physical, manual or mechanical methods of pest control	Scope Note
	UF	mechanical control	Use For this synonym (non-descriptor)
	BT	PEST CONTROL METHODS	Broader Term, more generic than PHYSICAL CONTROL
	NT	HAND REMOVAL PROTECTIVE NETTING	Narrower Terms, more specific than PHYSICAL CONTROL
	RT	PLOUGHING	Related Term to PHYSICAL CONTROL
ii)	mechanical control		Non-descriptor (synonym)
	USE	PHYSICAL CONTROL	USE this descriptor

The terms listed in the thesaurus do not remain static. There will inevitably be additions, probably deletions, and certain other changes indicated by the requirements of the systems and their users. FABIS and LENS welcome suggestions and comments that may be used to improve future editions.

Acknowledgements

I am indebted to many people whose knowledge and expertise have contributed essentially to the compilation of this thesaurus. Among those are the authors of the various books and papers listed at the end of the thesaurus. In particular, I wish to thank the following members of the ICARDA staff, who responded so readily to my questions at ICARDA locations in Aleppo and Tel Hadya: Cesar Cardona, William Erskine, Geoffrey C. Hawtin, John D. Keatinge, Seweryn Kukula, Abdallah Matar, M.V. Reddy, and Larry D. Robertson; also S. Dutta, Mrs. Shaikho and Clara Nordblom of the library at Tel Hadya; and especially Philip Kemp for his much-appreciated hospitality.

SECTION 1: CATEGORIZED LISTING

A FABA BEANS, LENTILS AND RELATED PLANTS

PLANT GEOGRAPHY
* ECOLOGY
* HISTORY

- CENTRE OF ORIGIN

HISTORY
* PLANT GEOGRAPHY
* TRADITIONS

PLANT EXPLORATION
* PLANT INTRODUCTION

TAXONOMY
* IDENTIFICATION
* NOMENCLATURE

LEGUMES

- FABA BEANS
  * VICIA FABA
  * FABA BEAN CULTIVARS
- LENTILS
  * LENS CULINARIS
  * LENTIL CULTIVARS

LEGUMINOSAE
* WEED LEGUMINOSAE

- LEGUMINOSAE-VICIEAE
  - CICER
  - LATHYRUS
  - LENS
    - LENS CULINARIS
      * LENTILS
      - LENS CULINARIS MACROSPERMA
      - LENS CULINARIS MICROSPERMA
        - LENS CULINARIS GREX AETHIOPICAE
          - LENS CULINARIS ABYSSINICA
          - LENS CULINARIS COPTICUM
        - LENS CULINARIS GREX ASIATICAE
        - LENS CULINARIS GREX EUROPEAE
        - LENS CULINARIS GREX INTERMEDIAE
        - LENS CULINARIS GREX PILOSAE
        - LENS CULINARIS GREX SUBSPONTANEAE
    - LENS ERVOIDES
    - LENS MONTBRETII
      * VIVIA
    - LENS NIGRICANS
    - LENS ORIENTALIS

(LEGUMINOSAE)
(LEGUMINOSAE-VICIEAE)

- PISUM
- VICIA
  - VICIA BITHYNICA
  - VICIA FABA
    - VICIA FABA GREX EQUINA
    - VICIA FABA GREX MAJOR
    - VICIA FABA GREX MINOR
    - VICIA FABA GREX PAUCIJUGA
  - VICIA GALILAEA
  - VICIA JOHANNIS
  - VICIA MELANOPS
  - VICIA NARBONENSIS
  - VICIA PEREGRINA
  - VICIA PLINIANA
  - VICIA SERRATIFOLIA

* VICIA (WEED)
* LENS MONTBRETII
* FABA BEANS
* VICIA PLINIANA
* VICIA FABA

B BOTANY

PLANT ANATOMY

- INFLORESCENCES
  - FLOWERS
    - CARPELS
    - GYNOECIUM
      - OVARIES
        - OVULES
          - MICROPYLES
      - STIGMA
      - STYLE
    - PEDICELS
    - PETALS
      - KEELS
      - STANDARDS
    - SEPALS
    - STAMENS
      - ANTHERS
        - POLLEN
      - FILAMENTS
- INFRUCTESCENCES
  - FRUITS
    - FUNICLES
    - PERICARP

* PLANT HABIT
* CYTOLOGY
* BUDS
* INFRUCTESCENCES
* FLOWERING
* PERIANTH
  - CALYX * SEPALS
  - COROLLA * PETALS
* FRUITS
* GYNOECIUM
* CARPELS
* PERICARP
* GAMETES
* POLLEN-TUBES
* POLLINATION
* PROTANDRY
* PROTOGYNY
* COROLLA
* TRIPPING
* CALYX
* EMASCULATION
* PROTANDRY
* GAMETES
* POLLEN-TUBES
  * MICROPYLES
* POLLINATION
* INFLORESCENCES
* CARPELS
* FRUITING
* SEEDS
* HILUM
* SEEDS
* OVARIES

(PLANT ANATOMY)
(INFRUCTESCENCES)
(FRUITS)

- PODS
  * POD CHARACTERS
  * DEPODDING
  * HULLS

- LEAVES
  * FOLIAGE
    - CANOPY * TRANSPIRATION
  * MESOPHYLL
  * PLANT VASCULAR SYSTEM

  - COTYLEDONS
    * EMBRYO
    * PLUMULE
    * SEEDLINGS

  - PETIOLES

  - STIPULES

  - STOMATA
    * EPIDERMIS
    * TRANSPIRATION

  - LEAF AREA INDEX
    * PHOTOSYNTHETIC AREA

- PLANT VASCULAR SYSTEM
  * LEAVES
  * ROOTS
  * STEMS
  * VASCULAR TISSUES
  * TRANSLOCATION

- ROOTS
  * PLANT VASCULAR SYSTEM
  * RADICLE
  * ROOTING
  * NODULATION
  * RHIZOSPHERE

  - ROOT HAIRS

- STEMS
  * EPICOTYL
  * HYPOCOTYL
  * SHOOTS * BUDS
  * BRANCHING
  * PLANT HABIT
  * PLANT VASCULAR SYSTEM
  * HAULMS
  * WASTES

  - INTERNODES

  - NODES

- SEEDS
  * FRUITS
  * SEED
  * GERMINATION
  * FUNICLES

  - CARUNCLE

  - EMBRYO
    * COTYLEDONS
    * SEEDLINGS

(PLANT ANATOMY)
(SEEDS)
(EMBRYO)

- PLUMULE * COTYLEDONS
- RADICLE * ROOTS
- ENDOSPERM * OILS
- HILUM * FUNICLES
- TESTA

PLANT TISSUES

- EPIDERMIS * STOMATA
  - CUTICLE
  - HAIRS
- MERISTEMS * CELL DIVISION
  - APICAL MERISTEMS
  - CAMBIUM * PHLOEM
    * XYLEM
    * AUXINS
  - INTERCALARY MERISTEMS
- STELE * VASCULAR TISSUES
  - CORTEX * PARENCHYMA
    - CHLORENCHYMA
      * CHLOROPLASTS
    - MESOPHYL
      * CHLOROPLASTS
      * LEAVES
      * PHOTOSYNTHESIS
  - PITH * PARENCHYMA
- VASCULAR TISSUES * PLANT VASCULAR SYSTEM
  * STELE
  - PHLOEM * CAMBIUM
  - XYLEM * CAMBIUM

PLANT PHYSIOLOGY * PLANT PHYSIOLOGICAL PROCESSES
* BIOCHEMISTRY
* PHENOLOGY

- PLANT DEVELOPMENT * DEVELOPMENTAL STAGES
  * PHOTOPERIOD
  * SEASONAL DEVELOPMENT
  - GROWTH * CELL DIVISION
    * DIFFERENTIATION
      * MORPHOGENESIS
    * PLANT GROWTH SUBSTANCES
  - MATURATION * FLOWERING
    * FRUITING

(PLANT PHYSIOLOGY)

- PLANT REPRODUCTION
  * PLANT FERTILITY
  * PROPAGATION
  - ASEXUAL REPRODUCTION
    * CLONES
  - FERTILIZATION
    * PLANT FERTILITY
    * POLLINATION
    - CROSS FERTILIZATION
    - SELF FERTILIZATION
      * SELF POLLINATION
  - POLLINATION
    * FERTILIZATION
    * POLLEN
    * STIGMA
    * HAND POLLINATION
    * OPEN POLLINATION
    * ISOLATION
    * INCOMPATIBILITY
    - INSECT POLLINATION
      * POLLINATING INSECTS
        * BENEFICIAL ARTHROPODS
        * ENTOMOLOGY
      - BEES
        - HONEYBEES
        - BUMBLE BEES
      - TRIPPING
        * KEELS
    - WIND POLLINATION
    - SELF POLLINATION
      * SELF FERTILIZATION
      * SELFING
- PLANT NUTRITION
  * MINERALS AND NUTRIENTS
  * NUTRITIONAL REQUIREMENTS
  - NUTRIENT UPTAKE
    * TRANSLOCATION
- TROPISMS

PLANT PHYSIOLOGICAL PROCESSES
* PLANT PHYSIOLOGY
* NUTRITIONAL REQUIREMENTS

- PHOTOSYNTHESIS
  * PLANT ASSIMILATION
  * METABOLISM
    - ANABOLISM
    - CATABOLISM
  * PHOTOSYNTHETIC AREA
    * LEAF AREA INDEX
  * CHLOROPLASTS
  * PHOTOSYNTHETIC PIGMENTS
    * THYLAKOIDS
    - CAROTENOIDS
    - CHLOROPHYLLS
  * LIGHT ENERGY
  * MESOPHYLL
  * OXYGEN
  - CARBON FIXATION
    * CARBON DIOXIDE
  - PHOTOPHOSPHORYLATION
    * ADP
    * ATP

(PLANT PHYSIOLOGICAL PROCESSES)

- PLANT ASSIMILATION	* PHOTOSYNTHESIS * PROTEIN SYNTHESIS
- PLANT RESPIRATION	
- TRANSPIRATION	* WATER REQUIREMENTS * CANOPY * STOMATA
- TRANSLOCATION	* NUTRIENT UPTAKE * SYSTEMIC CONTROL * PLANT VASCULAR SYSTEM
DEVELOPMENTAL STAGES	* PLANT DEVELOPMENT
- GERMINATION	* SEEDS * PLANT FERTILITY * PLANT TOXINS - AFLATOXINS - PALMATOXINS
- GERMINABILITY	* SEED QUALITY
- EMERGENCE	* SEEDLINGS
- SEEDLINGS	* EMBRYO * COTYLEDONS * EMERGENCE
- EPICOTYL	* STEMS
- HYPOCOTYL	* STEMS
- ROOTING	* ROOTS
- BRANCHING	* STEMS
- FLOWERING	* FLOWERS * MATURATION
- FRUITING	* FRUITS * MATURATION * RIPENING * PARTHENOCARPY
- RIPENING	* FRUITING
PLANT GROWTH SUBSTANCES	* GROWTH * PROPAGATION * HERBICIDES
- ABSCISINS	
- AUXINS	* CAMBIUM
- CYTOKININS	* CELL DIVISION * PROTEIN SYNTHESIS
- KINETIN	
- ZEATIN	
- GIBBERELLINS	

PLANT PHYSIOLOGICAL DISORDERS
* ABIOTIC DISORDERS
* MINERAL DEFICIENCIES
* CROP LOSSES

ENZYMES
* CO-ENZYMES
  - ADP * PHOTOPHOSPHORYLATION
  - ATP * PHOTOPHOSPHORYLATION
* TRANSFER RNA
* MITOCHONDRIA

- HYDROGENASE
* NODULATION EFFECTIVITY
* HYDROGEN

- LIPOXYGENASE
* LIPO-PROTEIN
* PALATABILITY
* OXYGEN

- MALTASE
* MALTOSE

- NITROGENASE
* NODULATION EFFECTIVITY
* NITROGEN

- SUCRASE
* SUCROSE

BIOCHEMISTRY
* PLANT PHYSIOLOGY
* ANIMAL PHYSIOLOGY
* HUMAN PHYSIOLOGY
* COMPOSITION
* NUTRITION
* TOXICITY

ECOLOGY
* CLIMATIC REQUIREMENTS
* SOIL REQUIREMENTS
* WATER REQUIREMENTS
* ENVIRONMENTAL EFFECTS
* PHENOLOGY
* CLIMATIC REQUIREMENTS
* PLANT PHYSIOLOGY
* PLANT GEOGRAPHY
* PLANT POPULATIONS
* RHIZOSPHERE
* ROOTS
* SOIL FAUNA
* SOIL FLORA

- BIOLOGICAL COMPETITION
* BIOLOGICAL CONTROL
* ALLELOPATHY

- ANTAGONISM
* ANTAGONISTS

- PARASITISM
* PARASITIC INSECTS
* PARASITIC MITES

- SYMBIOSIS

- NODULATION
* RHIZOBIA
* ROOTS

- NODULATION EFFECTIVITY
* HYDROGENASE
* NITROGENASE

C BREEDING AND GENETICS

CYTOLOGY	* PLANT ANATOMY * CYTOGENETICS
- CELL DIVISION	* GROWTH * MERISTEMS * CYTOKININS * NUCLEUS
- AMITOSIS	
- MEIOSIS	
- MITOSIS	
- CELL STRUCTURE	* ULTRASTRUCTURE
- CELL WALLS	* CELLULOSE
- CYTOPLASMIC ORGANELLES	
- DICTYOSOMES	* GOLGI APPARATUS
- ENDOPLASMIC RETICULUM	* GOLGI APPARATUS * RIBOSOMES
- MITOCHONDRIA	* ATP
- PLASTIDS	
- CHROMOPLASTS	
- CHLOROPLASTS	* MESOPHYLL * CHLORENCHYMA * PHOTOSYNTHESIS
- GRANA	
- STROMA	
- THYLAKOIDS	* PHOTOSYNTHETIC PIGMENTS
- LEUCOPLASTS	
- VACUOLES	
- GOLGI APPARATUS	* DICTYOSOMES * ENDOPLASMIC RETICULUM
- NUCLEUS	* CELL DIVISION
- CHROMOSOMES	* NUCLEOLUS * GENES * DNA * RNA * GENOMES
- NUCLEOLUS	* CHROMOSOMES
- RIBOSOMES	* ENDOPLASMIC RETICULUM * PROTEINS * RNA

GENETICS

* BREEDING
* CYTOGENETICS
* GAMETES
    * OVULES
    * POLLEN
    * ZYGOTES
        - HETEROZYGOTES
        - HOMOZYGOTES
* GERMPLASM
    * LAND RACES
* GENETIC ELEMENTS
    - EPISOMES
    - PLASMIDS
* GENETIC TRANSFORMATION
    - GENETIC CODE
        * AMINO ACIDS
        * MESSENGER RNA
        * NUCLEOTIDES
        * PROTEIN SYNTHESIS

- GENES

* CHROMOSOMES
* CHROMOSOME MANIPULATION
* INHERITANCE
* ALLELES
* GENOTYPES

- COMPLEMENTARY GENES
- DUPLICATE GENES
- LETHAL GENES
- MAJOR GENES
- MODIFYING GENES
- POLYGENES
- POLYMERIC GENES
- SUPERGENES

* POLYGENES
* POLYMERIC GENES

* COMPLEMENTARY GENES
* DUPLICATE GENES

GENETIC RESOURCES

* GERMPLASM
* PLANT INTRODUCTION

- GENE POOLS

INHERITANCE

* BREEDING
* GENES
* HEREDITY

- CYTOPLASMIC INHERITANCE
- QUANTITATIVE INHERITANCE

NUCLEIC ACIDS

- DNA

* CHROMOSOMES
* ADENINE
* CYTOSINE
* DEOXYRIBOSE
* GUANINE
* THYMINE

(NUCLEIC ACIDS)	
- RNA	* CHROMOSOMES * RIBOSOMES * RIBOSE
- MESSENGER RNA	* GENETIC CODE * POLYPEPTIDES
- TRANSFER RNA	* ATP * AMINO ACIDS
PEPTIDES	* PROTEIN SYNTHESIS * AMINO ACIDS
- POLYPEPTIDES	* MESSENGER RNA
PURINES	* NUCLEOTIDES * GENETIC CODE * PYRIMIDINES * SUGARS
- ADENINE	* DNA
- GUANINE	* DNA
PYRIMIDINES	* NUCLEOTIDES
- CYTOSINE	* DNA
- THYMINE	* DNA
PLANT FERTILITY	* PLANT REPRODUCTION * FERTILIZATION * BREEDING * GERMINATION
- SELF-FERTILITY	* SELF POLLINATION
- STERILITY	* INTERSPECIFIC STERILITY
- GENERATIONAL STERILITY	* MALE STERILITY
- MORPHOLOGICAL STERILITY	* INCOMPATIBILITY * EMASCULATION
BREEDING	* BREEDING AIMS * BREEDING METHODS * CYTOGENETICS * GENETICS * INHERITANCE * PLANT FERTILITY * SEED * CULTIVARS
- BACKCROSSING	* CROSSBREEDING * HYBRIDIZING
- HYBRIDIZING	* CROSSBREEDING * HYBRIDS
- INBREEDING	* SELFING
- MUTATION	* MUTATION BREEDING * POLYPLOIDY

(BREEDING)

- RANDOM MATING — * OPEN POLLINATION
- RECIPROCAL CROSSING
- RECOMBINATION
- SEGREGATION
- SELFING — * SELF POLLINATION; * INBREEDING; * SELFS
- PLANT INTRODUCTION — * PLANT EXPLORATION; * GENETIC RESOURCES; * PLANT QUARANTINE
- SELECTION — * ROGUING; * EVALUATION

BREEDING AIMS — * BREEDING; * PRODUCTIVITY POTENTIAL

- YIELD INCREASE — * YIELDS; * PLASTICITY; * YIELD COMPONENTS
- PLASTICITY — * YIELD INCREASE
- HABIT IMPROVEMENT — * PLANT HABIT
- HOST-PLANT RESISTANCE — * BIOLOGICAL CONTROL; * DISEASE CONTROL; * PEST CONTROL; * TEMPERATURE
  - DROUGHT TOLERANCE — * DROUGHT

BREEDING METHODS — * BREEDING; * PROGENY TESTING; * EXPERIMENTAL TECHNIQUES; * TISSUE CULTURE; * CULTURE MEDIA; * CELL CULTURE; * CULTURE MEDIA

- CHROMOSOME MANIPULATION — * GENES
- CONVERGENT IMPROVEMENT
- EMASCULATION — * ANTHERS; * MORPHOLOGICAL STERILITY
- HYBRID VIGOUR — * F1 HYBRIDS
- INCOMPATIBILITY — * POLLINATION; * MORPHOLOGICAL STERILITY
- INTERSPECIFIC STERILITY — * STERILITY
- ISOLATION — * POLLINATION
- MALE STERILITY — * GENERATIONAL STERILITY

(BREEDING METHODS)

- MUTATION BREEDING

  * MUTATION
  * MUTAGENS * IRRADIATION
    - COLCHICINE
    - ETHYL METHANESULPHONATE

- POLYPLOIDY

  * MUTATION

CULTIVARS

  * ADAPTATION
  * VARIATION
  * BREEDING
  * CLONES
    * PROPAGATION MATERIALS
    * ASEXUAL REPRODUCTION
  * HYBRIDS
    - F1 HYBRIDS
  * SPECIES
    - SUBSPECIES
  * LAND RACES
  * COMPOSITES
  * SYNTHETICS
  * POLYCROSSES

- FABA BEAN CULTIVARS

  * FABA BEANS

  - AQUADULCE
  - EXPRESS
  - GIZA 3
  - GIZA 4
  - HUDEIBA 72
  - ILB 1811
  - ILB 1816
  - NEW MAMMOTH
  - SEVILLE GIANT

- LENTIL CULTIVARS

  * LENTILS

  - ANICIA
  - ARAUCANA-INIA
  - B77
  - BREWER
  - CHILEAN 78
  - ESTON
  - FAMILY 370
  - GIZA 9
  - HURANI 1
  - KURDI 1
  - L-9-12
  - LAIRD
  - LENKA
  - LUNA
  - MARIETTE
  - PANT-L-406
  - PANT-L-639
  - PRECOZ
  - PUSA 1
  - RED CHIEF
  - T 6
  - T 36

(CULTIVARS)
(LENTIL CULTIVARS)

- TEKOA
- TREBISOVSKA
- WINTERLIK PULL 11
- WINTERLIK RED 51
- WINTERLIK YESIL 21
- WINTERLIK YESIL 31

- RECOMMENDED VARIETIES

D AGRONOMY AND CULTIVATION

AGRONOMY	* CULTIVATION * PROPAGATION * MANAGEMENT PRACTICES * CULTIVATION * CULTIVATION SYSTEMS * PLANT PROTECTION * AGRONOMIC CHARACTERS
AGRONOMIC CHARACTERS	* AGRONOMY * GENOTYPES * PHENOTYPES
- PLANT HABIT	* HABIT IMPROVEMENT * PLANT ANATOMY
- CLIMBING HABIT	
- PROSTRATE HABIT	
- ERECT HABIT	
- INTERMEDIATE HABIT	
- DETERMINACY	* HARVESTING * TIMING
- DETERMINATE VARIETIES	
- INDETERMINATE VARIETIES	
- PLANT WEATHERING	* ENVIRONMENTAL EFFECTS
- LODGING	
- POD CHARACTERS	* PODS
- POD LENGTH	
- POD SHAPE	
- SHATTERING	* CROP LOSSES
- SEASONAL DEVELOPMENT	* PLANT DEVELOPMENT * SEASONS
- EARLY DEVELOPMENT	
- LATE DEVELOPMENT	
LAND PREPARATION	* CULTIVATION
- CLEARING	
- PLOUGHING	* CULTIVATORS * PLOUGHS * SPADES * PHYSICAL CONTROL

(LAND PREPARATION)

- TILLING
  - HARROWING
  - RAKING
- ROLLING
- FERTILIZER PLACEMENT
  - PELLETING

CULTIVATION

- SOWING
  - SEEDING RATES
  - SOWING DEPTH
- PLANTING
- SPACING
- THINNING
- HOEING
- MULCHING
- DEPODDING
- WEEDING

* TILTH
* ZERO-TILLAGE
* HOEING

* HARROWS
* RAKING

* RAKES
* HARROWING

* ROLLERS

* FERTILIZERS

* SEED TREATMENT

* CULTIVATION SYSTEMS
* CULTURAL REQUIREMENTS
* AGRONOMY
* LAND PREPARATION
* MANAGEMENT PRACTICES
* HARVESTING
* MECHANIZATION

* SEED
* SEEDBED * TILTH
* PROPAGATION
* SPACING
* SOWING EQUIPMENT
* TIMING

* TIMING

* PLANT POPULATIONS
* THINNING
* SOWING

* SPACING

* HOES
* DRY MULCHES
* TILLING
* WEEDING

* MULCHES
  * EVAPORATION SUPPRESSANTS
  - DRY MULCHES * HOEING
  - LIVE MULCHES
    * COVER CROPS

* PODS

* WEEDS
* WEED CONTROL
* HOEING

CULTURAL REQUIREMENTS	* CULTIVATION
- CLIMATIC REQUIREMENTS	* CLIMATE * ECOLOGY * PHENOLOGY * ENVIRONMENTAL EFFECTS * PEDOCLIMATIC FACTORS * SOIL REQUIREMENTS * WATER REQUIREMENTS
- LIGHT	* LIGHT EFFECTS * SHADE
- LIGHT ENERGY	* PHOTOSYNTHESIS * SOLAR RADIATION
- LIGHT INTENSITY	
- PHOTOPERIOD	* DAYLENGTH * PLANT DEVELOPMENT
- TEMPERATURE	* TEMPERATURE EFFECTS * HOST-PLANT RESIATNCE * STORAGE TEMPERATURE
- AIR TEMPERATURE	
- SOIL TEMPERATURE	* SOIL REQUIREMENTS
- NUTRITIONAL REQUIREMENTS	* PLANT NUTRITION * SOIL FERTILITY * PLANT PHYSIOLOGICAL PROCESSES
- FERTILIZERS	* FERTILIZER PLACEMENT * FERTILIZER DISTRIBUTORS
- AGRICULTURAL LIME	* CALCIUM
- NITROGEN FERTILIZERS	* NITROGEN
- AMIDE FERTILIZERS	
- CALCIUM CYNAMIDE	* CALCIUM
- UREA	
- AMMONIUM FERTILIZERS	* DI-AMMONIUM PHOSPHATE * MONO-AMMONIUM PHOSPHATE * MIXED FERTILIZERS
- AMMONIA SOLUTIONS	
- AMMONIUM ANHYDRIDE	
- AMMONIUM CHLORIDE	* CHLORINE
- AMMONIUM SULPHATE	* SULPHUR
- MIXED FERTILIZERS	* AMMONIUM FERTILIZERS * NITRATE FERTILIZERS
- AMMONIUM NITRATE	
- AMMONIUM SULPHATE NITRATE	* SULPHUR
- CALCIUM AMMONIUM NITRATE	* CALCIUM
- NITRATE FERTILIZERS	* MIXED FERTILIZERS
- CALCIUM NITRATE	* CALCIUM
- POTASSIUM NITRATE	* POTASSIUM
- SODIUM NITRATE	* SODIUM

(CULTURAL REQUIREMENTS)
(NUTRITIONAL REQUIREMENTS)
(FERTILIZERS)

- PHOSPHATE FERTILIZERS — * PHOSPHORUS
  - BASIC SLAG
  - DI-AMMONIUM PHOSPHATE — * AMMONIUM FERTILIZERS
  - MONO-AMMONIUM PHOSPHATE — * AMMONIUM FERTILIZERS
  - DI-CALCIUM PHOSPHATE — * CALCIUM
  - PHENANIAPHOSPHATE
  - SUPERPHOSPHATES
    - CALCIUM SUPERPHOSPHATE — * CALCIUM
    - DOUBLE SUPERPHOSPHATE
    - TRIPLE SUPERPHOSPHATE
- POTASSIUM FERTILIZERS — * POTASSIUM
  - POTASSIUM BICARBONATE
  - POTASSIUM CHLORIDE — * CHLORINE
  - POTASSIUM SULPHATE — * SULPHUR
  - SULPHATE OF POTASH-MAGNESIA — * MAGNESIUM, * SULPHUR
- MANURES — * HUMIFICATION, * ORGANIC MATTER, * NITROGEN, * PHOSPHORUS, * POTASSIUM
  - DUNG
  - GREEN MANURES
- TRACE ELEMENTS — * BORON, * BROMINE, * CHROMIUM, * COBALT, * COPPER, * FLUORINE, * IODINE, * IRON, * MAGNESIUM, * MANGANESE, * MOLYBDENUM, * SELENIUM, * SILICON, * STRONTIUM, * TUNGSTEN, * VANADIUM, * ZINC

- SOIL REQUIREMENTS — * WATER REQUIREMENTS, * PEDOCLIMATIC FACTORS, * SOILS, * ECOLOGY, * ENVIRONMENTAL EFFECTS, * SOIL TEMPERATURE, * SOIL CONDITIONERS, * EVAPORATION SUPPRESSANTS

(CULTURAL REQUIREMENTS)
(SOIL REQUIREMENTS)

- DRAINAGE
  * WATER MANAGEMENT
- SOIL FERTILITY
  * NUTRITIONAL REQUIREMENTS
  * SOIL MICROBIOLOGY
  * FALLOWING
  - COMPOSTING
  - SOIL IMPOVERISHMENT
- SOIL MICROBIOLOGY
  * SOIL FERTILITY
  - SOIL FAUNA
    * ECOLOGY
    * SOIL POPULATIONS
  - SOIL FLORA
    * ECOLOGY
    * SOIL POPULATIONS
    - RHIZOBIA
      * NITROGEN FIXATION
      * NODULATION
      * INOCULATION
      * RHIZOBIAL REACTIONS
        * PESTICIDE EFFECTS
      * SEROTYPING
      - RHIZOBIUM STRAINS
- SOIL POROSITY
- SOIL REACTIONS
  * HYDROGEN-ION CONCENTRATION
    * STRESS FACTORS
  * SALINITY
  * SOIL CHEMISTRY

- WATER REQUIREMENTS
  * CLIMATIC REQUIREMENTS
  * SOIL REQUIREMENTS
  * WATER AVAILABILITY
  * ECOLOGY
  * TRANSPIRATION
  * ENVIRONMENTAL EFFECTS
  * RAINFALL
    - RAINFALL PATTERNS
      * SEASONS
  * DROUGHT
    * ARID LAND
    * DROUGHT TOLERANCE
  * WATER STRESS
  * WATER MANAGEMENT

WATER MANAGEMENT
  * WATER AVAILABILITY
  * WATER REQUIREMENTS
  * DRAINAGE

- WATER SUPPLY
  * WATER STORAGE
  - WELLS
    * PUMPS
- WATER STORAGE
  * WATER SUPPLY
  - WATER RESERVOIRS

(WATER MANAGEMENT)

- IRRIGATION — * IRRIGATION EQUIPMENT
  - IRRIGATION SYSTEMS
    - FURROW IRRIGATION
    - SPRINKLER IRRIGATION
    - SUBSURFACE IRRIGATION
    - TRICKLE IRRIGATION
  - IRRIGATION SCHEDULING — * TIMING
- RUN-OFF
- EROSION — * COVER CROPS

BACTERIA — * ENTOMOGENOUS BACTERIA

- BENEFICIAL BACTERIA
  - RHIZOBIA /see under SOIL MICROBIOLOGY, above/

SEASONS — * SEASONAL DEVELOPMENT
* RAINFALL PATTERNS

- SPRING — * RABI SEASON
- SUMMER
- AUTUMN — * KHARIF SEASON
- WINTER
- DRY SEASON
- WET SEASON
- KHARIF SEASON — * AUTUMN
- RABI SEASON — * SPRING

SOILS — * CLIMATIC SOIL TYPES
* SOIL CHEMISTRY
* SOIL REQUIREMENTS
* ORGANIC MATTER

- CLAYS
- LOAMS
- SANDS
- SILTS
- VOLCANIC SOILS

PROPAGATION MATERIALS — * PROPAGATION
* CLONES

- CUTTINGS
- SEED — * SEED PRODUCTION
* SEEDS
* SOWING
* BREEDING
  - CERTIFIED SEED

(PROPAGATION MATERIALS)
(SEED)

- SEED CHARACTERS
  - SEED COLOUR
  - SEED SHAPE
  - SEED SIZE
  - SEED QUALITY — * GERMINABILITY
    - SEED VIABILITY — * SEED STORAGE
    - MOISTURE TESTS
    - PURITY ANALYSIS

FARMING SYSTEMS
- CULTIVATION SYSTEMS — * MANAGEMENT PRACTICES; * ECONOMICS; * CULTIVATION
  - FALLOWING — * SOIL FERTILITY
  - MIXED CROPPING — * MULTIPLE CROPPING
  - MONOCULTURE
  - MULTIPLE CROPPING — * MIXED CROPPING
  - ROTATIONAL CROPPING — * ROTATIONAL CROPS
  - SECONDARY CROPPING
- MIXED FARMING — * LIVESTOCK

ROTATIONAL CROPS — * ROTATIONAL CROPPING
- CEREALS
  - BARLEY
  - MAIZE
  - RICE
  - WHEAT
- COTTON
- MUSK MELONS
- SESAME
- TOBACCO
- WATERMELONS

HARVESTING — * CULTIVATION; * HARVESTING EQUIPMENT; * DETERMINACY
- PICKING
- MECHANIZED HARVESTING
- THRESHING — * DEHULLING; * THRESHERS; * PROCESSING

FARM IMPLEMENTS	
- CULTIVATION EQUIPMENT	
- CULTIVATORS	* HOES * PLOUGHING
- HOES	* CULTIVATORS * HOEING
- PLOUGHS	* PLOUGHING
- RAKES	* RAKING
- ROLLERS	* ROLLING
- SPADES	* PLOUGHING
- HARROWS	* HARROWING
- FERTILIZER DISTRIBUTORS	* FERTILIZERS
- SOWING EQUIPMENT	* SOWING
- BROADCAST SEEDERS	
- SEED DRILLS	
- IRRIGATION EQUIPMENT	* IRRIGATION
- NOZZLES	
- PIPING	
- PUMPS	* WELLS
- HARVESTING EQUIPMENT	* HARVESTING
- PLANT PROTECTION EQUIPMENT	* PLANT PROTECTION
MINERALS AND NUTRIENTS	* MINERAL CONTENT * PLANT NUTRITION * MINERAL DEFICIENCIES * FEED CONSTITUENTS
- ALUMINIUM	
- BORON	* TRACE ELEMENTS
- BROMINE	* TRACE ELEMENTS
- CALCIUM	* AGRICULTURAL LIME * CALCIUM AMMONIUM NITRATE * CALCIUM CYNAMIDE * CALCIUM NITRATE * CALCIUM SUPERPHOSPHATE * DI-CALCIUM PHOSPHATE
- CHLORINE	* AMMONIUM CHLORIDE * POTASSIUM CHLORIDE
- CHROMIUM	* TRACE ELEMENTS
- COBALT	* TRACE ELEMENTS
- COPPER	* TRACE ELEMENTS
- FLUORINE	* TRACE ELEMENTS
- IODINE	* TRACE ELEMENTS
- IRON	* TRACE ELEMENTS

(MINERALS AND NUTRIENTS)

- MAGNESIUM	* TRACE ELEMENTS * SULPHATE OF POTASH-MAGNESIA
- MANGANESE	* TRACE ELEMENTS
- MOLYBDENUM	* TRACE ELEMENTS
- NITROGEN	* NITROGEN CONTENT * NITROGEN CONVERSION * NITROGEN FIXATION * NITROGEN FERTILIZERS * MANURES * NITROGENASE
- OXYGEN	* PHOTOSYNTHESIS * LIPOXYGENASE
- PHOSPHORUS	* PHOSPHATE FERTILIZERS * MANURES
- POTASSIUM	* POTASSIUM FERTILIZERS * MANURES * POTASSIUM NITRATE
- SELENIUM	* TRACE ELEMENTS
- SILICON	* TRACE ELEMENTS
- SODIUM	* SODIUM NITRATE
- STRONTIUM	* TRACE ELEMENTS
- SULPHUR	* ELEMENTAL SULPHUR * AMMONIUM SULPHATE * AMMONIUM SULPHATE NITRATE * POTASSIUM SULPHATE * SULPHATE OF POTASH-MAGNESIA
- TUNGSTEN	* TRACE ELEMENTS
- VANADIUM	* TRACE ELEMENTS
- ZINC	* TRACE ELEMENTS
ENVIRONMENTAL EFFECTS	* ECOLOGY * SITE FACTORS * PLANT WEATHERING * CLIMATIC REQUIREMENTS * SOIL REQUIREMENTS * WATER REQUIREMENTS * STRESS FACTORS * CROP LOSSES * ABIOTIC DISORDERS * VARIATION
- LIGHT EFFECTS	* LIGHT * DAYLENGTH * PHOTOPERIOD
- MOISTURE EFFECTS	* STORAGE RELATIVE HUMIDITY
- TEMPERATURE EFFECTS	* TEMPERATURE
- WIND EFFECTS	

SITE FACTORS	* ENVIRONMENTAL EFFECTS
- ALTITUDE	
- LATITUDE	
- CLIMATE	* CLIMATIC REQUIREMENTS
- ORIENTATION	
- GRADIENT	
- CLIMATIC SOIL TYPES	* SOILS
- ARID SOILS	* ARID LAND
- TROPICAL SOILS	
- XERIC SOILS	
- WATER AVAILABILITY	* WATER MANAGEMENT * WATER REQUIREMENTS
STRESS FACTORS	* ENVIRONMENTAL EFFECTS * HYDROGEN-ION CONCENTRATION
- WATER STRESS	* WATER REQUIREMENTS
TIMING	* SEQUENCE * DETERMINACY * SEASONS * SOWING * IRRIGATION SCHEDULING

E CROP PROTECTION

PLANT PROTECTION	* PLANT PROTECTION EQUIPMENT * PESTICIDES * MANAGEMENT PRACTICES
- DISEASE CONTROL	* BIOLOGICAL CONTROL * DISEASES * HOST-PLANT RESISTANCE * PLANT PATHOLOGY * PEST CONTROL METHODS * FUNGICIDES
- VIRUS INHIBITION	* VIROSES
- PEST CONTROL	* BIOLOGICAL CONTROL * PESTS * HOST-PLANT RESISTANCE * ENTOMOLOGY * PEST CONTROL METHODS * INTEGRATED CONTROL
- BIRD CONTROL	* INJURIOUS BIRDS * BIRD REPELLENTS
- RODENT CONTROL	* INJURIOUS MAMMALS * RODENTICIDES
- INSECT CONTROL	* PEST INSECTS * INSECTICIDES
- MITE CONTROL	* PEST MITES * ACARICIDES
- NEMATODE CONTROL	* NEMATODES * NEMATICIDES
- MOLLUSC CONTROL	* INJURIOUS MOLLUSCS * MOLLUSCICIDES
- WEED CONTROL	* WEEDS * WEEDING * HERBICIDES
- PEST CONTROL METHODS	* PEST CONTROL * DISEASE CONTROL * INTEGRATED CONTROL * PESTICIDE FORMULATIONS
- DUSTING	* DUSTS
- SPRAYING	* SPRAYS
- FUMIGATION	* FUMIGANTS
- SEED TREATMENT	* PELLETING
- SOIL TREATMENT	
- SYSTEMIC CONTROL	* PESTICIDES * TRANSLOCATION
- PHYSICAL CONTROL	* PLOUGHING * ROGUING

(PLANT PROTECTION)
(PEST CONTROL METHODS)

- BIOLOGICAL CONTROL	* DISEASE CONTROL * PEST CONTROL * WEED CONTROL * INTEGRATED CONTROL * BIOLOGICAL COMPETITION * HOST-PLANT RESISTANCE
- INSECT AGENTS	* BENEFICIAL ARTHROPODS * ENTOMOLOGY
- PARASITIC INSECTS	* PARASITISM
- PARASITIC MITES	* PARASITISM
- PREDACIOUS INSECTS	
- PREDACIOUS MITES	
- ENTOMOGENOUS FUNGI	* FUNGI
- ENTOMOGENOUS BACTERIA	* BACTERIA
- BACILLUS THURINGIENSIS	
- PLANT QUARANTINE	* PLANT INTRODUCTION
INTEGRATED CONTROL	* PEST CONTROL * PEST CONTROL METHODS * BIOLOGICAL CONTROL
ENTOMOLOGY	* INSECTS * BENEFICIAL ARTHROPODS * INSECT AGENTS * POLLINATING INSECTS * PEST INSECTS * PEST MITES * PEST CONTROL
- INSECT BIOLOGY	
- INSECT BEHAVIOUR	
- INSECT BIONOMICS	* HOST RANGE
- INSECT POPULATIONS	
PLANT PATHOLOGY	* DISEASES * DISEASE CONTROL
DISEASES	* PATHOGENS * TRANSMISSION * PLANT PATHOLOGY * DISEASE CONTROL * EPIDEMIOLOGY * TRANSMISSION - VECTORS * PESTS * ABIOTIC DISORDERS * CROP LOSSES
- BACTERIOSES	* INJURIOUS BACTERIA

(DISEASES)

- MYCOPLASMOSES
- MYCOSES
  - * FUNGI
  - * STORED PRODUCTS PESTS
  - ALTERNARIA BLIGHT
    - * ALTERNARIA TENUIS
  - ANTHRACNOSES
    - * COLLETOTRICHUM TRIFOLII
  - ASCOCHYTA BLIGHT
    - * ASCOCHYTA
      - ASCOCHYTA FABAE
      - ASCOCHYTA LENTIS
      - ASCOCHYTA PISI
  - CHOCOLATE SPOT
    - * LEAF SPOTS
    - * BOTRYTIS FABAE
  - COLLAR ROTS
    - * CORTICIUM
      - CORTICIUM ROLFSII
  - DOWNY MILDEWS
    - * PERONOSPORA
      - PERONOSPORA LENTIS
      - PERONOSPORA VICIAE
  - LEAF SPOTS
    - * BOTRYTIS CINEREA
    - * CHOCOLATE SPOT
    - ALTERNARIA LEAF SPOT
      - * ALTERNARIA
        - ALTERNARIA ALTERNATA
        - ALTERNARIA SOLANI
        - ALTERNARIA TENUIS
    - CERCOSPORA LEAF SPOT
      - * CERCOSPORA LENSII
      - * CERCOSPORA ZONATA
  - POWDERY MILDEWS
    - * ERYSIPHE
      - ERYSIPHE POLYGONI
    - * LEVEILLULA
      - LEVEILLULA LEGUMINOSARUM
      - LEVEILLULA TAURICA
    - * STEMPHYLIUM
      - STEMPHYLIUM BOTRYOSUM
  - ROOT ROT/WILT COMPLEX
    - * FUSARIUM
    - * RHIZOCTONIA SOLANI
    - * VERTICILLIUM
    - * ROOT ROTS
    - * VASCULAR WILTS
  - ROOT ROTS
    - * FUSARIUM ROSEUM
    - * FUSARIUM SOLANI
    - * MACROPHOMINA PHASEOLINA
    - * PSEUDOMONAS RADICIPERDA
    - * PYTHIUM
      - PYTHIUM DEBARYANUM
      - PYTHIUM ULTIMUM
    - * THANATEPHORUS CUCUMERIS
    - * ROOT ROT/WILT COMPLEX
  - RUSTS
    - * UROMYCES FABAE

(DISEASES)
(MYCOSES)

- SEED SPOILAGE	* ALTERNARIA - ALTERNARIA ALTERNATA - ALTERNARIA SOLANI - ALTERNARIA TENUIS * ASPERGILLUS - ASPERGILLUS FLAVUS - ASPERGILLUS NIGER - ASPERGILLUS OCHRACEUS * BOTRYTIS CINEREA * CHAETOMIUM * COCHLIOBOLUS LUNATUS * CORTICIUM ROLFSII * FULVIA FULVA * FUSARIUM * HELMINTHOSPORIUM * MACROPHOMINA PHASEOLINA * PENICILLIUM * PHOMA * RHIZOPUS NIGRICANS * STACHYBOTRYS * THANATEPHORUS CUCUMERIS * STORED PRODUCTS PESTS
- STEM ROTS	* BOTRYTIS CINEREA * SCLEROTINIA SCLEROTIORUM
- VASCULAR WILTS	* FUSARIUM * ROOT ROT/WILT COMPLEX
- VIROSES	* VIRUS INHIBITION
- ABUTILON MOSAIC	* BEMISIA TABACI
- ALFALFA MOSAIC	* APHIDS
- BEAN COMMON MOSAIC VIRUS	* APHIDS
- BEAN YELLOW MOSAIC	* ACYRTHOSIPHON PISUM * ACYRTHOSIPHON SESBANIAE * APHIS CRACCIVORA * APHIS FABAE * MYZUS PERSICAE
- BROADBEAN MOSAIC VIRUS	* ACYRTHOSIPHON SESBANIAE * APHIS CRACCIVORA
- BROADBEAN MOTTLE VIRUS	* CALOSPIS
- BROADBEAN STAIN VIRUS	
- BROADBEAN WILT VIRUS	* APHIDS
- BROADBEAN YELLOW MOSAIC	* APHIS CRACCIVORA
- CUCUMBER MOSAIC	* APHIDS
- PEA ENATION MOSAIC	* ACYRTHOSIPHON PISUM
- PEA LEAF ROLL VIRUS	* ACYRTHOSIPHON PISUM * ACYRTHOSIPHON SESBANIAE * APHIS CRACCIVORA
- PEA MOSAIC	* APHIDS

(DISEASES)
(VIROSES)

- PEA MOTTLE MOSAIC — * CUSCUTA
- PIGEONPEA MOSAIC
- RED CLOVER MOTTLE VIRUS
- TOBACCO STREAK VIRUS

BACTERIA — * ENTOMOGENOUS BACTERIA

- BENEFICIAL BACTERIA /see entry in Section D_7
- INJURIOUS BACTERIA — * BACTERIOSES
  - PSEUDOMONAS
    - PSEUDOMONAS RADICIPERDA — * ROOT ROTS

FUNGI — * MYCOSES
* ENTOMOGENOUS FUNGI

- ALTERNARIA — * ALTERNARIA LEAF SPOT
  * SEED SPOILAGE
  - ALTERNARIA ALTERNATA
  - ALTERNARIA SOLANI
  - ALTERNARIA TENUIS — * ALTERNARIA BLIGHT
- ASCOCHYTA — * ASCOCHYTA BLIGHT
  - ASCOCHYTA FABAE
  - ASCOCHYTA LENTIS
  - ASCOCHYTA PISI
- ASPERGILLUS — * SEED SPOILAGE
  - ASPERGILLUS FLAVUS
  - ASPERGILLUS NIGER
  - ASPERGILLUS OCHRACEUS
- BOTRYTIS
  - BOTRYTIS CINEREA — * LEAF SPOTS
    * SEED SPOILAGE
    * STEM ROTS
  - BOTRYTIS FABAE — * CHOCOLATE SPOT
- CERCOSPORA
  - CERCOSPORA LENSII — * CERCOSPORA LEAF SPOT
  - CERCOSPORA ZONATA — * CERCOSPORA LEAF SPOT
- CHAETOMIUM — * SEED SPOILAGE
- COCHLIOBOLUS
  - COCHLIOBOLUS LUNATUS — * SEED SPOILAGE
- COLLETOTRICHUM
  - COLLETOTRICHUM TRIFOLII — * ANTHRACNOSES
- CORTICIUM — * COLLAR ROTS
  - CORTCIUM ROLFSII — * SEED SPOILAGE
- ERYSIPHE — * POWDERY MILDEWS
  - ERYSIPHE POLYGONI

(FUNGI)

- FULVIA
  - FULVIA FULVA — * SEED SPOILAGE
- FUSARIUM — * ROOT ROT/WILT COMPLEX; * VASCULAR WILTS; * SEED SPOILAGE
  - FUSARIUM AVENACEUM
    - FUSARIUM AVENACEUM ACUMINATUM
  - FUSARIUM BATATICOLA
  - FUSARIUM CULMORUM
  - FUSARIUM LATERITIUM
  - FUSARIUM MONILIFORME
  - FUSARIUM OXYSPORUM
    - FUSARIUM OXYSPORUM LENTIS
    - FUSARIUM OXYSPORUM ORTHOCERAS
  - FUSARIUM ROSEUM — * ROOT ROTS
  - FUSARIUM SCRIPI
  - FUSARIUM SEMITECTUM
  - FUSARIUM SOLANI — * ROOT ROTS
    - FUSARIUM SOLANI FABAE
- HELMINTHOSPORIUM — * SEED SPOILAGE
- LEVEILLULA — * POWDERY MILDEWS
  - LEVEILLULA LEGUMINOSARUM
  - LEVEILLULA TAURICA
- MACROPHOMINA
  - MACROPHOMINA PHASEOLINA — * ROOT ROTS; * SEED SPOILAGE
- PENICILLIUM — * SEED SPOILAGE
- PERONOSPORA — * DOWNY MILDEWS
  - PERONOSPORA LENTIS
  - PERONOSPORA VICIAE
- PHOMA — * SEED SPOILAGE
- PYTHIUM — * ROOT ROTS
  - PYTHIUM DEBARYANUM
  - PYTHIUM ULTIMUM
- RHIZOCTONIA
  - RHIZOCTONIA SOLANI — * ROOT ROT/WILT COMPLEX
- RHIZOPUS
  - RHIZOPUS NIGRICANS — * SEED SPOILAGE
- SCLEROTINIA
  - SCLEROTINIA SCLEROTIORUM — * STEM ROTS

(FUNGI)

- STACHYBOTRYS — * SEED SPOILAGE
- STEMPHYLIUM — * POWDERY MILDEWS
  - STEMPHYLIUM BOTRYOSUM
- THANATEPHORUS
  - THANATEPHORUS CUCUMERIS — * ROOT ROTS; * SEED SPOILAGE
- UROMYCES
  - UROMYCES FABAE — * RUSTS
- VERTICILLIUM — * ROOT ROT/WILT COMPLEX

PESTS — * DISEASES; * STORED PRODUCTS PESTS; * PEST CONTROL; * CROP LOSSES

- PEST INSECTS — * INSECTS; * ENTOMOLOGY; * STORED PRODUCTS PESTS; * TRANSMISSION; * VECTORS; * INSECT CONTROL
  - COLEOPTERA
    - ACANTHOSCELIDES
      - ACANTHOSCELIDES OBTECTUS
    - APION
      - APION ARROGANS
      - APION POMONAE
    - BRUCHIDIUS
      - BRUCHIDIUS INCARNATUS
      - BRUCHIDIUS MINUTUS
      - BRUCHIDIUS QUINQUEGUTTATUS
    - BRUCHUS
      - BRUCHUS ANALIS
      - BRUCHUS ATOMARIUS
      - BRUCHUS ERVI
      - BRUCHUS LENTIS
      - BRUCHUS RUFIMANUS
      - BRUCHUS SIGNATICORNIS
      - BRUCHUS TRISTICULUS
    - CALLOSOBRUCHUS
      - CALLOSOBRUCHUS CHINENSIS
      - CALLOSOBRUCHUS MACULATUS
    - CALOSPIS — * BROADBEAN MOTTLE VIRUS
    - EPICOMETUS

(PESTS)
(PEST INSECTS)
(COLEOPTERA)

- HYPERA
  - HYPERA POSTICA
- LIXUS
- SITONA
  - SITONA LIMOSUS
  - SITONA LINEATUS
  - SITONA MACULARIUS
- TYCHIUS
  - TYCHIUS QUINQUEPUNCTATUS

- DIPTERA
  - CECIDOMYIIDAE
    - CONTARINIA
      - CONTARINIA LENTIS
    - DASINEURA
      - DASINEURA VICIAE
  - AGROMYZIDAE
    - LIRIOMYZA
      - LIRIOMYZA CONGESTA
      - LIRIOMYZA TRIFOLII
    - MELANAGROMYZA
      - MELANAGROMYZA PHASEOLI
    - OPHIOMYIA
      - OPHIOMYIA PHASEOLI
    - PHYTOMYZA
      - PHYTOMYZA HORTICOLA

- HEMIPTERA
  - HETEROPTERA
    - CAMPYLOMA
      - CAMPYLOMA NICOLASI
    - CREONTIADES
      - CREONTIADES PALLIDUS
    - JACOBIASCA
      - JACOBIASCA LYBICA
    - NEZARA
      - NEZARA VIRIDULA
    - TAYLORILYGUS
      - TAYLORILYGUS PALLIDULUS

(PESTS)
(PEST INSECTS)
(HEMIPTERA)

- HOMOPTERA
  - APHIDS
    - * ALFALFA MOSAIC
    - * BEAN COMMON MOSAIC VIRUS
    - * BROADBEAN WILT VIRUS
    - * CUCUMBER MOSAIC
    - * PEA MOSAIC
  - ACYRTHOSIPHON
    - ACYRTHOSIPHON PISUM
      - * BEAN YELLOW MOSAIC
      - * PEA ENATION MOSAIC
      - * PEA LEAF ROLL VIRUS
    - ACYRTHOSIPHON SESBANIAE
      - * BEAN YELLOW MOSAIC
      - * BROADBEAN MOSAIC VIRUS
      - * PEA LEAF ROLL VIRUS
  - APHIS
    - APHIS CRACCIVORA
      - * BEAN YELLOW MOSAIC
      - * BROADBEAN MOSAIC VIRUS
      - * BROADBEAN YELLOW MOSAIC
      - * PEA LEAF ROLL VIRUS
    - APHIS FABAE
    - APHIS GOSSYPII
  - MYZUS
    - MYZUS PERSICAE
      - * BEAN YELLOW MOSAIC
  - BEMISIA
    - BEMISIA TABACI
      - * ABUTILON MOSAIC
  - EMPOASCA
    - EMPOASCA DECIPIENS
    - EMPOASCA LYBICA
  - ERYTHRONEURA
    - ERYTHRONEURA LUBICA
      - * ZYGINA LUBIAE
  - ZYGINA
    - ZYGINA LUBIAE
      - * ERYTHRONEURA LUBICA
- ISOPTERA
  - MICROTERMES OBESI
- LEPIDOPTERA
  - GEOMETRIDAE
    - GYMNOSCELIS
      - GYMNOSCELIS PUMILATA
  - LYCAENIDAE
    - LAMPIDES
      - LAMPIDES BOETICUS

(PESTS)
(PEST INSECTS)
(LEPIDOPTERA)

- NOCTUIDAE
  - AGROTIS
    - AGROTIS FLAMMATRA
    - AGROTIS IPSILON
    - AGROTIS SEGETUM
    - AGROTIS SPINIFERA
  - AUTOGRAPHA
    - AUTOGRAPHA GAMMA
  - HELIOTHIS
    - HELIOTHIS ARMIGERA
    - HELIOTHIS PELTIGERA
  - SPODOPTERA
    - SPODOPTERA EXIGUA
    - SPODOPTERA LITTORALIS
  - TRICHOPLUSIA
    - TRICHOPLUSIA NI
  - XYLENA
    - XYLENA EXOLETA
- PTEROPHORIDAE
  - EXELASTIS
    - EXELASTIS ATOMOSA
  - SPHENARCHES
    - SPHENARCHES CAFFER
- PYRALIDAE
  - ETIELLA ZINCKENELLA
- TORTRICIDAE
  - CYDIA
    - CYDIA LUNULANA
- ORTHOPTERA
  - ACRIDIDAE
    - GRASSHOPPERS
    - LOCUSTS
  - GRYLLOTALPA
- THYSANOPTERA
  - CALIOTHRIPS
    - CALIOTHRIPS IMPURUS
    - CALIOTHRIPS SUDANENSIS
  - THRIPS
    - THRIPS TABACI

(PESTS)

- PEST MITES — * MITE CONTROL; * ENTOMOLOGY
  - TETRANYCHIDAE
    - TETRANYCHUS URTICAE
- NEMATODES — * NEMATODE CONTROL
  - ANGUINA
  - DITYLENCHUS
    - DITYLENCHUS DIPSACI
  - HETERODERA
  - LONGIDORUS
  - MELOIDOGYNE
    - MELOIDOGYNE INCOGNITA
  - PARATYLENCHUS
  - ROTYLENCHUS
    - ROTYLENCHUS RENIFORMIS
  - TYLENCHORHYNCHUS
- INJURIOUS MOLLUSCS — * MOLLUSC CONTROL
  - SLUGS
  - SNAILS
- INJURIOUS VERTEBRATES
  - INJURIOUS BIRDS — * BIRD CONTROL
    - FINCHES
    - PIGEONS
    - ROOKS
    - SPARROWS
    - STARLINGS
  - INJURIOUS MAMMALS — * RODENT CONTROL
    - HARES
    - MICE
    - MOLE-RATS
    - RABBITS
    - RATS

STORED PRODUCTS PESTS — * PESTS; * PEST INSECTS; * MYCOSES; * SEED SPOILAGE; * STORAGE

INSECTS — * BENEFICIAL ARTHROPODS; * PEST INSECTS; * ENTOMOLOGY

BENEFICIAL ARTHROPODS
* INSECT AGENTS
* POLLINATING INSECTS
* INSECTS
* ENTOMOLOGY

ABIOTIC DISORDERS
* DISEASES
* DEFICIENCIES
* PLANT PHYSIOLOGICAL DISORDERS
* ENVIRONMENTAL EFFECTS

- PESTICIDE EFFECTS
  * PESTICIDES
  * RHIZOBIAL REACTIONS
  - PHYTOTOXICITY
- POLLUTION EFFECTS
  * POLLUTION

POLLUTION
* POLLUTION EFFECTS
- AIR POLLUTION
- SOIL POLLUTION
- WATER POLLUTION

WEEDS
* WEED PLANTS
* WEED CONTROL
* WEEDING
- ANNUAL WEEDS
- BIENNIAL WEEDS
- PERENNIAL WEEDS
- PARASITIC WEEDS
  - CUSCUTA
    * PEA MOTTLE MOSAIC
  - OROBANCHE (detailed below under WEED OROBANCHACEAE)

WEED PLANTS
* WEEDS
- WEED AMARANTHACEAE
  - AMARANTHUS
    - AMARANTHUS BLITOIDES
    - AMARANTHUS RETROFLEXUS
- WEED ARISTOLOCHIACEAE
  - ARISTOLOCHIA
    - ARISTOLOCHIA MAURORUM
- WEED BERBERIDACEAE
  - LEONTICE
    - LEONTICE LEONTOPETALUM
- WEED BORAGINACEAE
  - ANCHUSA
    - ANCHUSA ITALICA
- WEED CARYOPHYLLACEAE
  - ARENARIA

(WEED PLANTS)
(WEED CARYOPHYLLACEAE)
- SILENE
  - SILENE CONOIDEA
- VACCARIA
  - VACCARIA PYRAMIDATA

- WEED CHENOPODIACEAE
- CHENOPODIUM
  - CHENOPODIUM ALBUM
  - CHENOPODIUM OPULIFOLIUM

- WEED COMPOSITAE
- ANTHEMIS
- CALENDULA
  - CALENDULA ARVENSIS
- CARTHAMUS
  - CARTHAMUS FLAVESCENS
- CENTAUREA
  - CENTAUREA CALCITRAPA
- CICHORIUM
  - CICHORIUM INTYBUS
- SILYBUM
  - SILYBUM MARIANUM
- SONCHUS
  - SONCHUS OLERACEUS
- XANTHIUM
  - XANTHIUM BRASILICUM

- WEED CONVOLVULACEAE
- CONVOLVULUS
  - CONVOLVULUS ALTHAEOIDES
  - CONVOLVULUS ARVENSIS
- CUSCUTA * PEA MOTTLE MOSAIC

- WEED CRUCIFERAE
- BRASSICA
  - BRASSICA NIGRA
- CAPSELLA
  - CAPSELLA BURSA-PASTORIS
- CARDARIA
  - CARDARIA DRABA
- ISATIS
  - ISATIS ALEPPICA

(WEED PLANTS)
(WEED CRUCIFERAE)

- NESLIA
  - NESLIA APICULATA
- RAPHANUS
  - RAPHANUS RAPHANISTRUM
- SINAPIS
  - SINAPIS ARVENSIS
- SISYMBRIUM
  - SISYMBRIUM ORIENTALE
  - SISYMBRIUM SEPTULATUM
- TEXIERA
  - TEXIERA GLASTIFOLIA
- THLASPI
  - THLASPI ARVENSE

- WEED CYPERACEAE
  - CYPERUS
    - CYPERUS ROTUNDUS
- WEED DIPSACACEAE
  - CEPHALARIA
    - CEPHALARIA SYRIACA
- WEED EUPHORBIACEAE
  - EUPHORBIA
    - EUPHORBIA ALEPPICA
    - EUPHORBIA GAILLARDOTI
    - EUPHORBIA HELIOSCOPIA
    - EUPHORBIA PEPLUS
- WEED FUMARIACEAE
  - FUMARIA
- WEED GERANIACEAE
  - ERODIUM
    - ERODIUM CICUTARIUM
  - GERANIUM
    - GERANIUM TUBEROSUM
- WEED GRAMINEAE
  - AEGILOPS
    - AEGILOPS OVATA
  - AGROPYRON
    - AGROPYRON SQUARROSUM

(WEED PLANTS)
(WEED GRAMINEAE)
- AGROSTIS
- ALOPECURUS
  - ALOPECURUS MYOSUROIDES
- AVENA
  - AVENA STERILIS
- BRACHIARIA
  - BRACHIARIA ERUCIFORMIS
- BROMUS
  - BROMUS DANTHONIAE
  - BROMUS SQUARROSUS
- CYNODON
  - CYNODON DACTYLON
- ECHINARIA
  - ECHINARIA CAPITATA
- ECHINOCHLOA
- HORDEUM
  - HORDEUM MURINUM
- LOLIUM
  - LOLIUM RIGIDUM
  - LOLIUM TEMULENTUM
- PHALARIS
  - PHALARIS BRACHYSTACHYS
- SETARIA
  - SETARIA VIRIDIS

- WEED HYPERICACEAE
  - HYPERICUM
    - HYPERICUM CRISPUM
- WEED IRIDACEAE
  - GLADIOLUS
    - GLADIOLUS ALEPPICUS
- WEED LABIATAE
  - MOLUCELLA
    - MOLUCELLA LAEVIS
  - PHLOMIS
    - PHLOMIS KURDICA
- WEED LEGUMINOSAE * LEGUMINOSAE
  - CORONILLA
    - CORONILLA SCORPIOIDES

(WEED PLANTS)
(WEED LEGUMINOSAE)

- GLYCYRRHIZA
  - GLYCYRRHIZA GLABRA
- HIPPOCREPIS
  - HIPPOCREPIS UNISILIQUOSA
- HYMENOCARPOS
  - HYMENOCARPOS CIRCINNATUS
- LATHYRUS
  - LATHYRUS APHACA
  - LATHYRUS SATIVUS
- LUPINUS
  - LUPINUS LUTEUS
- MEDICAGO
  - MEDICAGO HISPIDA
  - MEDICAGO LUPULINA
  - MEDICAGO ROTATA
- MELILOTUS
  - MELILOTUS INDICUS
- PISUM
  - PISUM ELATIUS
- SCORPIURUS
  - SCORPIURUS SUBVILLOSUS
- TRIFOLIUM
  - TRIFOLIUM HYBRIDUM
- TRIGONELLA
  - TRIGONELLA MONANTHA
  - TRIGONELLA RADIATA
  - TRIGONELLA NOEANA
- VICIA (WEED) * VICIA
  - VICIA CRACCA
  - VICIA HYBRIDA
  - VICIA SATIVA

- WEED LILIACEAE
  - MUSCARI
    - MUSCARI RACEMOSUM
- WEED MALVACEAE
  - MALVA
    - MALVA ROTUNDIFOLIA

(WEED PLANTS)

- WEED OROBANCHACEAE
  - OROBANCHE
    - OROBANCHE AEGYPTIACA
    - OROBANCHE CRENATA
    - OROBANCHE MINOR
    - OROBANCHE NANA
    - OROBANCHE RAMOSA
- WEED PAPAVERACEAE
  - PAPAVER
    - PAPAVER RHOEAS
    - PAPAVER SYRIACUM
  - ROMERIA
    - ROMERIA HYBRIDA
- WEED POLYGONACEAE
  - POLYGONUM
    - POLYGONUM AVICULARE
  - RUMEX
- WEED PORTULACACEAE
  - PORTULACA
    - PORTULACA OLERACEA
- WEED PRIMULACEAE
  - ANAGALLIS
    - ANAGALLIS FEMINA
  - ANDROSACE
    - ANDROSACE MAXIMA
- WEED RANUNCULACEAE
  - ADONIS
    - ADONIS AESTIVALIS
  - DELPHINIUM
    - DELPHINIUM AXILLIFLORUM
  - RANUNCULUS
    - RANUNCULUS ARVENSIS
- WEED RESEDACEAE
  - RESEDA
    - RESEDA LUTEA
- WEED ROSACEAE
  - POTENTILLA
- WEED RUBIACEAE
  - ASPERULA
    - ASPERULA ARVENSIS

(WEED PLANTS)
(WEED RUBIACEAE)
- GALIUM
  - GALIUM TRICORNE
- WEED UMBELLIFERAE
  - AMMI
    - AMMI MAJUS
  - ANETHUM
    - ANETHUM GRAVEOLENS
    - ANETHUM SEGETUM
  - BUPLEURUM
    - BUPLEURUM LANCIFOLIUM
  - CAUCALIS
    - CAUCALIS PLATYCARPOS
  - DAUCUS
    - DAUCUS CAROTA
  - LISAEA
    - LISAEA SYRIACA
  - SCANDIX
    - SCANDIX IBERICA
    - SCANDIX PECTEN-VENERIS
  - TURGENIA
    - TURGENIA LATIFOLIA
- WEED ZYGOPHYLLACEAE
  - PEGANIUM
    - PEGANIUM HARMALA

PESTICIDES

* PLANT PROTECTION
* HERBICIDES
* SYSTEMIC CONTROL
* PESTICIDE FORMULATIONS
* PESTICIDE EFFECTS
* PESTICIDE RESISTANCE
* PESTICIDE RESIDUES
* PESTICIDE TOLERANCES
* PUBLIC HEALTH

- ACARICIDES

* MITE CONTROL
* INSECTICIDES

  - BROMOPROPYLATE
  - DICOFOL
  - TETRADIFON

- INSECTICIDES

* INSECT CONTROL
* ACARICIDES

(PESTICIDES)
(INSECTICIDES)

- CARBAMATE INSECTICIDES
  - CARBARYL
  - CARBOFURAN
  - METHIOCARB
  - METHOMYL
  - PIRIMICARB
- ORGANOCHLORINE INSECTICIDES
  - ALDRIN
  - DDT
  - ENDOSULFAN
  - LINDANE
- ORGANOPHOSPHORUS INSECTICIDES
  - AZINPHOS-METHYL
  - BROMOPHOS
  - DIAZINON
  - DICHLORVOS
  - DIMETHOATE
  - DISULFOTON
  - FENITROTHION
  - FENTHION
  - FORMOTHION
  - MALATHION
  - MENAZON
  - METHAMIDOPHOS
  - METHIDATHION
  - MEVINPHOS
  - MONOCROTOPHOS
  - OMETHOATE
  - OXYDEMETON-METHYL
  - PARATHION
  - PHORATE
  - PHOSPHAMIDON
  - PIRIMIPHOS-METHYL
  - SCHRADAN
  - TETRACHLORVINPHOS
  - THIOMETON
  - TRICHLORFON
- PYRETHROID INSECTICIDES
  - DECAMETHRIN

- NEMATICIDES
  * NEMATODE CONTROL
  * FUMIGANTS
- FUNGICIDES
  * DISEASE CONTROL
  - INORGANIC FUNGICIDES
    - AMMONIACAL COPPER
    - BORDEAUX MIXTURE
      * COPPER SULPHATE
    - COPPER HYDROXIDE
    - COPPER OXIDE
    - COPPER OXYCHLORIDE SULPHATE
    - COPPER SULPHATE
      * BORDEAUX MIXTURE
    - ELEMENTAL SULPHUR
      * SULPHUR

(PESTICIDES)
(FUNGICIDES)

- ORGANIC FUNGICIDES
  - BENOMYL
  - CAPTAFOL
  - CAPTAN
  - CARBAMATE FUNGICIDES
    - FERBAM
    - MANCOZEB — * MANEB
    - MANEB — * MANCOZEB
    - ZINEB
    - ZIRAM
  - CARBOXIN
  - CHLORONEB
  - CHLOROTHALONIL
  - DEXON
  - DICHLONE
  - DICHLOZOLINE
  - DICLORAN
  - DINOCAP
  - DRAZOXOLONE
  - ETRIDIAZOL
  - METAL ORGANIC FUNGICIDES
    - COPPER LINEOLATE — * COPPER OLEATE
    - COPPER OLEATE — * COPPER LINEOLATE
    - PHENYL MERCURIC ACETATE
  - OXYCARBOXIN
  - PCNB
  - PYRACARBOLID
  - THIABENDAZOLE
  - THIRAM
- MOLLUSCICIDES — * MOLLUSC CONTROL
  - METALDEHYDE
  - METHIOCARB
- RODENTICIDES — * RODENT CONTROL; * FUMIGANTS
  - CHLOROPHACINONE
  - COUMACHLOR
  - COUMARFURYL
  - COUMATETRALYL
  - ZINC PHOSPHIDE — * PHOSPHINE
- FUMIGANTS — * FUMIGATION; * INSECTICIDES; * NEMATICIDES; * RODENTICIDES
  - CARBON DISULPHIDE
  - METHYL BROMIDE
  - PHOSPHINE — * ZINC PHOSPHIDE
- REPELLENTS
  - BIRD REPELLENTS — * BIRD CONTROL
    - METHIOCARB

HERBICIDES

* WEED CONTROL
* PESTICIDES
* PLANT GROWTH SUBSTANCES

- ALLOXYDIM-SODIUM
- BARBAN
- BENTAZONE
- BENZOYLPROP
- BROMOPHENOXIM
- BROMOXYNIL
- CARBETAMIDE
- CARBOFLUORFEN
- CHLORBROMURON
- CHLOROPROPHAM
- CYANAZINE
- 2,4-D — * 2,4-D AMINE
- 2,4-D AMINE — * 2,4-D
- DALAPON
- DIALLATE
- DICLOFOP
- DIFENZOQUAT
- DINOSEB — * DINOSEB ACETATE
- DINOSEB ACETATE — * DINOSEB
- DIPHENAMID
- FLUAZIFOP-BUTYL
- FLUORODIFEN
- GLYPHOSATE
- LINURON
- MCPA
- METHABENZTHIAZURON
- PARAQUAT
- PENIMETHALIN
- PRONAMIDE
- SIMAZINE
- SULPHURIC ACID
- TCA
- TERBUTRYNE
- TRIALLATE
- TRIFLURALIN

PESTICIDE FORMULATIONS

* PEST CONTROL METHODS
* PESTICIDES

- AEROSOLS
- DUSTS — * DUSTING
- FUMIGANTS — * FUMIGATION
  * INSECTICIDES
  * NEMATICIDES
  * RODENTICIDES
- GRANULES
- SPRAYS — * SPRAYING

F PRODUCTS

COMPOSITION

* NUTRITIVE VALUE
* ANALYSIS
* BIOCHEMISTRY

- ASH CONTENT
- CARBOHYDRATE CONTENT
  - SOLUBLE CARBOHYDRATES
    - SUGARS
      - DEOXYRIBOSE — * NUCLEOTIDES
      - HEXOSE SUGARS — * DNA
        - FRUCTOSE — * PHOSPHOGLYCERIC ACID
        - GALACTOSE — * SUCROSE
        - GLUCOSE — * SUCROSE, * MALTOSE
      - MALTOSE — * GLUCOSE, * MALTASE
      - RIBOSE — * RNA
      - SUCROSE — * GLUCOSE, * FRUCTOSE, * SUCRASE
  - STARCH CONTENT — * STARCH PRODUCTS
- DRY MATTER
- FAT CONTENT — * OILS
  - * ENDOSPERM
  - * OIL EXTRACTION
  - * PROCESSED PRODUCTS
  - CRUDE OILS
  - DEGUMMED OILS

* LIPO-PROTEIN
  - * PROTEIN CONTENT
  - * LIPOXYGENASE

- FATTY ACIDS — * CUTIN
  - SATURATED FATTY ACIDS
    - BEHENIC ACID
    - LAURIC ACID
    - LIGNOCERIC ACID
    - MYRISTIC ACID
    - PALMITIC ACID
    - STEARIC ACID
  - UNSATURATED FATTY ACIDS
    - LINOLEIC ACID
    - LINOLENIC ACID

(COMPOSITION)
(FAT CONTENT)
(FATTY ACIDS)
(UNSATURATED FATTY ACIDS)

- OLEIC ACID
- PALMITOLEIC ACID

- GLYCERIDES

- FIBRE CONTENT
  - CELLULOSE * CELL WALLS
- MINERAL CONTENT * MINERALS AND NUTRIENTS
- NITROGEN CONTENT * NITROGEN
  - PROTEIN NITROGEN CONTENT * PROTEIN CONTENT
  - TOTAL NITROGEN
- PROTEIN CONTENT
  * PROTEINS
  * PROTEIN NITROGEN CONTENT
  * PROTEIN DEFICIENCIES
  * PROTEIN SYNTHESIS
  * LIPO-PROTEIN
  * NSI
  * PDI
  * GRADING
  - AMINO ACIDS
    * PROTEIN SYNTHESIS
    * PEPTIDES
    * GENETIC CODE
    * SULPHUR
    * TRANSFER RNA
    - ALANINE
    - ARGININE
    - ASPARTIC ACID
    - CYSTEINE
    - CYSTINE
    - GLUTAMIC ACID
    - GLUTAMINE
    - GLYCINE
    - HISTIDINE
    - ISOLEUCINE
    - LEUCINE
    - LYSINE
    - METHIONINE
    - ORNITHINE
    - PHENYLALANINE
    - PROLINE
    - THREONINE
    - TRYPTOPHANE
    - TYROSINE
    - VALINE
  - LECTINS * ANTINUTRITIONAL FACTORS

(COMPOSITION)

- VITAMIN CONTENT — * VITAMIN DEFICIENCIES
  - ASCORBIC ACID
  - NICOTINAMIDE
  - VITAMINS B
    - RIBOFLAVIN
    - THIAMIN
    - VITAMIN B12
- PHENOLIC CONTENT
  - GLYCOSIDES
  - FLAVONOIDS
  - TANNINS — * ANTINUTRITIONAL FACTORS
- WATER CONTENT

PRODUCTS — * PRODUCT QUALITY

- FRESH PRODUCTS
  - VEGETABLES
  - HAULMS — * ANIMAL FEEDS; * STEMS
  - HULLS — * ANIMAL FEEDS; * PODS
- DRIED PRODUCTS — * DRYING
  - GRAINS
- PROCESSED PRODUCTS — * OILS; * FOOD PRODUCTS
  - FLAKES — * WET-HEAT PROCESSING
  - FLOURS — * BAKED PRODUCTS
  - MEALS — * FEED CONSTITUENTS; * FOOD PRODUCTS
  - ISOLATED PROTEINS — * PROTEINS; * MEAT SIMULANTS
  - PROTEIN CONCENTRATES — * PROTEINS
  - STARCH PRODUCTS — * STARCH CONTENT

PRODUCT QUALITY — * PRODUCTS

- GRADING — * PROTEIN CONTENT; * PARTICLE SIZE

PROCESSING — * PROCESSING EQUIPMENT; * PROCESSING PLANTS; * MECHANIZATION; * NUTRIENT LOSS

(PROCESSING)

- CLEANING
- SIEVING
- DEHULLING
  * HULLS
- DRYING
  * DRIED PRODUCTS
  * DRIERS
  * STORAGE RELATIVE HUMIDITY
  * STORAGE STRUCTURES
- MILLING
  * FLOURS
- HEATING
  * TOASTING
  * TRYPSIN INHIBITION
  * DRY-HEAT PROCESSING
  * WET-HEAT PROCESSING
- TOASTING
  * HEATING
- HYDRATING
- PRESSURE COOKING
  * TRYPSIN INHIBITION
- DRY-HEAT PROCESSING
  * HEATING
- WET-HEAT PROCESSING
  * HEATING
  * FLAKES
- OIL EXTRACTION
  * OILS
  * EXTRACTORS
- PACKAGING
  * DISTRIBUTION
  - CANNING
- CENTRIFUGING

PROCESSING EQUIPMENT
* PROCESSING

- DRIERS
  * DRYING
  * DESICCANTS
- EXTRACTORS
  * OIL EXTRACTION
- OVENS
- MILLS
  * MILLING
- ROLLERS
- THRESHERS
  * THRESHING
  - FLAILS

DISTRIBUTION
* HANDLING
* PACKAGING
* MARKETING
* STORAGE
* TRANSPORTATION

STORAGE
* STORAGE CONDITIONS
  - STORAGE RELATIVE HUMIDITY
    * DRYING
    * MOISTURE EFFECTS
  - STORAGE TEMPERATURE
    * TEMPERATURE

(STORAGE)

- STORAGE STRUCTURES
  - SILOS
  - STORAGE BINS
  - STOREROOMS
  - STORAGE PITS
  - WAREHOUSES
- GRAIN STORAGE
- SEED STORAGE
- HOUSEHOLD STORAGE

WASTES

(* STORAGE CONDITIONS)
- STORAGE TEMPERATURE
  * TEMPERATURE
* DETERIORATION
  * CROP LOSSES
- MECHANICAL DAMAGE
* STORED PRODUCTS PESTS
* DISTRIBUTION

* VENTILATION
* DRYING

* SEED VIABILITY
* HOME ECONOMICS

* WASTE UTILIZATION
* PRODUCTIVITY
* STEMS

G UTILIZATION

USES	* ECONOMIC ASPECTS * SOCIAL ASPECTS * WASTE UTILIZATION * ANIMAL FEEDS * WASTES * INDUSTRIALIZATION
- ANIMAL FEEDS	* DOMESTIC ANIMALS * WASTE UTILIZATION * HAULMS * HULLS * NUTRITION
- FEED CONSTITUENTS	* MEALS * CONCENTRATES * MINERALS AND NUTRIENTS
- FEED MIXTURES	
- FATTENING	
- FINISHING	
- FODDERS	* SILAGE
- FORAGE	
- SILAGE	* FODDERS
- PET FOODS	
- FOOD PRODUCTS	* PROCESSED PRODUCTS * MEALS * NUTRITION
- BAKED PRODUCTS	* DOUGHS * FLOURS
- BREADS	
- PASTA	
- CAKES	
- BISCUITS	
- BEVERAGES	
- CEREAL FOODS	
- MEAT SIMULANTS	* ISOLATED PROTEINS
- INDUSTRIAL USES	
NUTRITION	* HUMAN PHYSIOLOGY * ANIMAL PHYSIOLOGY * BIOCHEMISTRY * FOOD PRODUCTS * COOKING * ANIMAL FEEDS
- CALORIC VALUE	* FOOD ENERGY
- MALNUTRITION	* HEALTH * ANTINUTRITIONAL FACTORS

(NUTRITION)

- ANTINUTRITIONAL FACTORS
  - * MALNUTRITION
  - * TANNINS
  - * LECTINS
  - PROTEASE INHIBITION
    - TRYPSIN INHIBITION
      - * HEATING
      - * PRESSURE COOKING
- NUTRITIVE VALUE
  - * DIETARY VALUE
  - * NUTRIENT LOSS
  - * COMPOSITION
  - PER
    - * PROTEIN QUALITY
- NUTRIENT LOSS
  - * NUTRITIVE VALUE
  - * PROCESSING
- DIETS
  - * DIETARY PATTERNS
  - * DIETARY VALUE
    - * NUTRITIVE VALUE
    - FOOD ENERGY
      - * CALORIC VALUE
    - PALATABILITY
      - * FLAVOUR RETENTION
      - * LIPOXYGENASE
      - * CONSUMER PREFERENCES
    - DIGESTIBILITY

HEALTH
- * MALNUTRITION
- * TOXICOLOGY
- HUMAN HEALTH
  - * PUBLIC HEALTH
    - * PESTICIDE TOLERANCES
  - * DEFICIENCY DISEASES
  - * HOME ECONOMICS
  - FAVISM
    - * BETA-GLYCOSIDES
      - CONVICINE
      - VICINE
    - * TOXICITY
- ANIMAL HEALTH
  - * DEFICIENCY DISEASES

DEFICIENCY DISEASES
- * ABIOTIC DISORDERS
- * HUMAN HEALTH
- * ANIMAL HEALTH
- MINERAL DEFICIENCIES
  - * MINERALS AND NUTRIENTS
  - * PLANT PHYSIOLOGICAL DISORDERS
- PROTEIN DEFICIENCIES
  - * PROTEIN CONTENT
- VITAMIN DEFICIENCIES
  - * VITAMIN CONTENT

TOXICITY
- * TOXICOLOGY
  - * HEALTH
  - * HUMAN PHYSIOLOGY
  - * ANIMAL PHYSIOLOGY

(TOXICITY)

* BIOCHEMISTRY
* FAVISM

SOCIAL ASPECTS

* HOME ECONOMICS
* USES

- CONSUMER PREFERENCES

* TABOOS
  * RELIGION
* PALATABILITY

- TRADITIONS

HOME ECONOMICS

* SOCIAL ASPECTS
* HUMAN HEALTH
* HOUSEHOLD STORAGE

- COOKING

* NUTRITION
* COOKING QUALITY
  * PRODUCT QUALITY

DOMESTIC ANIMALS

* ANIMAL FEEDS

- LIVESTOCK

* MIXED FARMING

  - ASSES
  - CAMELS
  - CATTLE
    - BEEF CATTLE
    - DAIRY CATTLE
    - CALVES
  - GOATS
  - HORSES
  - SHEEP
    - LAMBS
  - SWINE
- POULTRY
  - CHICKENS
  - DUCKS
  - GEESE

H ECONOMICS

ECONOMICS	* ECONOMIC POLICIES * * INDUSTRIALIZATION * ECONOMIC ASPECTS * * PRODUCTION * * USES * MARKETING * PRODUCTION * CULTIVATION SYSTEMS
- CONSUMPTION	* DEMAND
- COSTS	* LABOUR * INPUT FACTORS
- DEVELOPMENT COSTS	* DEVELOPMENT
- LABOUR	* COSTS * INPUT FACTORS
- PRICES	* PRICING * * PRICING POLICIES * * * PRICE MAINTENANCE * * * SUBSIDIES
- PRICE MAINTENANCE	* PRICING POLICIES
- PRICE STABILIZATION	
- INCOME	
PRODUCTIVITY	* PRODUCTIVITY POTENTIAL * * BREEDING AIMS * WASTES * YIELDS
- ENERGY PRODUCTIVITY	
PRODUCTION	* INPUT FACTORS * MARKETING * ECONOMIC ASPECTS
- SEED PRODUCTION	* SEED
YIELDS	* YIELD COMPONENTS * * YIELD INCREASE * YIELD INCREASE
- GRAIN YIELD	
- SEED WEIGHT	
- CROP LOSSES	* DISEASES * PESTS * DETERIORATION * ENVIRONMENTAL EFFECTS * PLANT PHYSIOLOGICAL DISORDERS

MARKETING

- TRADE
- OPEN MARKETING
- CONTRACTUAL SELLING

* PRODUCTION
* ECONOMICS
* DISTRIBUTION

J RESEARCH AND DEVELOPMENT

RESEARCH
- RESEARCH POLICIES
- DEVELOPMENTAL RESEARCH — * DEVELOPMENT
- EXPERIMENTS — * EXPERIMENT DESIGN; * EXPERIMENTAL TECHNIQUES
  - FIELD EXPERIMENTS
  - GREENHOUSE EXPERIMENTS
  - LABORATORY EXPERIMENTS
    - GROWTH-CHAMBER EXPERIMENTS

EXPERIMENTAL TECHNIQUES — * EXPERIMENTS; * BREEDING METHODS
- EVALUATION — * PROGENY TESTING; * SELECTION; * ROGUING

DEVELOPMENT — * DEVELOPMENTAL RESEARCH; * DEVELOPMENT COSTS
- INDUSTRIALIZATION — * MECHANIZATION (* CULTIVATION; * PROCESSING); * WASTE UTILIZATION; * ECONOMIC POLICIES

INFORMATION SCIENCE
- COMMUNICATION
- DOCUMENTATION
  - BIBLIOGRAPHIC FORM
    - BIBLIOGRAPHIES
    - JOURNAL ARTICLES
    - MAPS
    - MONOGRAPHS
    - REPORTS
    - REVIEW ARTICLES
    - THESES
- INFORMATION SYSTEMS

INSTITUTIONS

TRAINING — * EDUCATION

K GEOGRAPHICAL NAMES

AFRICA

- ALGERIA
- EGYPT
- ETHIOPIA
- LIBYA
- MOROCCO
- SOMALIA
- SUDAN
- TUNISIA

AMERICA

- CENTRAL AMERICA
  - COSTA RICA
  - DOMINICAN REPUBLIC
  - GUATEMALA
  - MEXICO * NORTH AMERICA
- NORTH AMERICA * MEXICO
  - CANADA
  - UNITED STATES OF AMERICA
- SOUTH AMERICA
  - ARGENTINA
  - BOLIVIA
  - BRAZIL
  - CHILE
  - COLOMBIA
  - ECUADOR
  - PARAGUAY
  - PERU
  - URUGUAY

ASIA * USSR

- AFGHANISTAN
- BANGLADESH
- BURMA
- CHINA
- CYPRUS
- INDIA
- IRAN
- IRAQ
- JAPAN
- JORDAN
- LEBANON
- NEPAL
- PAKISTAN
- SYRIA
- TURKEY * EUROPE
- YEMEN

EUROPE

- AUSTRIA
- BELGIUM
- BULGARIA
- CZECHOSLOVAKIA
- FRANCE
- GERMAN DEMOCRATIC REPUBLIC
- GERMAN FEDERAL REPUBLIC
- GREECE
- HUNGARY
- IRISH REPUBLIC
- ITALY
- NETHERLANDS
- PORTUGAL
- SPAIN
- UNITED KINGDOM
- USSR
- YUGOSLAVIA

OCEANIA

- AUSTRALIA

* TURKEY

* ASIA

SECTION 2: ALPHABETICAL LISTING

ABIOTIC DISORDERS E
NT PESTICIDE EFFECTS
POLLUTION EFFECTS
RT DEFICIENCY DISEASES
DISEASES
ENVIRONMENTAL EFFECTS
PLANT PHYSIOLOGICAL DISORDERS

ABSCISINS B
BT PLANT GROWTH SUBSTANCES

ABUTILON MOSAIC E
UF mosaic (Abutilon)
BT VIROSES
RT BEMISIA TABACI

Abyssinia
USE ETHIOPIA

ACANTHOSCELIDES E
BT COLEOPTERA
NT ACANTHOSCELIDES OBTECTUS

ACANTHOSCELIDES OBTECTUS
UF Bruchidius obtectus
Bruchus obtectus
dried bean beetle
Mylabris obtectus
BT ACANTHOSCELIDES

Acari
USE PEST MITES

ACARICIDES E
UF miticides
BT PESTICIDES
NT BROMOPROPYLATE
DICOFOL
TETRADIFON
RT INSECTICIDES
MITE CONTROL

Acarin
USE DICOFOL

Acarol
USE BROMOPROPYLATE

acceptability (food)
USE CONSUMER PREFERENCES

acidity
USE HYDROGEN-ION CONCENTRATION

Acifluorfen-sodium
USE CARBOFLUORFEN

ACRIDIDAE E
BT ORTHOPTERA
NT GRASSHOPPERS
LOCUSTS

Actellic
USE PIRIMIPHOS-METHYL

ACYRTHOSIPHON E
BT APHIDS
NT ACYRTHOSIPHON PISUM
ACYRTHOSIPHON SESBANIAE

Acyrthosiphon onobrychis
USE ACYRTHOSIPHON PISUM

ACYRTHOSIPHON PISUM E
UF Acyrthosiphon onobrychis
aphid (pea)
Macrosiphum pisum
pea aphid
BT ACYRTHOSIPHON
RT BEAN YELLOW MOSAIC
PEA ENATION MOSAIC
PEA LEAF ROLL VIRUS

ACYRTHOSIPHON SESBANIAE E
BT ACYRTHOSIPHON
RT BEAN YELLOW MOSAIC
BROADBEAN MOSAIC VIRUS
PEA LEAF ROLL VIRUS

ADAPTATION C
RT CULTIVARS

ADENINE C
BT PURINES
RT DNA

adenosine diphosphate
USE ADP

adenosine triphosphate
USE ATP

ADONIS E
BT WEED RANUNCULACEAE
NT ADONIS AESTIVALIS

ADONIS AESTIVALIS E
UF peasant's eye
pheasant's eye
BT ADONIS

ADP B
UF adenosine diphosphate
BT CO-ENZYMES
RT PHOTOPHOSPHORYLATION

adzuki bean beetle
USE CALLOSOBRUCHUS CHINENSIS

AEGILOPS E
BT WEED GRAMINEAE
NT AEGILOPS OVATA

AEGILOPS OVATA E
BT AEGILOPS

aeration
USE VENTILATION

AEROSOLS E
BT PESTICIDE FORMULATIONS

AFGHANISTAN K
BT ASIA

AFLATOXINS B
BT PLANT TOXINS

Aflix
USE FORMOTHION

AFRICA K
NT ALGERIA
EGYPT
ETHIOPIA
LIBYA
MOROCCO
SOMALIA
SUDAN
TUNISIA

AGRICULTURAL LIME D
UF lime (agricultural)
BT FERTILIZERS
RT CALCIUM

Agromyza trifolii
USE MELANAGROMYZA TRIFOLII

AGROMYZIDAE E
UF leaf-mining flies
BT DIPTERA
NT LIRIOMYZA
MELANAGROMYZA
OPHIOMYIA
PHYTOMYZA

AGRONOMIC CHARACTERS D
NT DETERMINACY
PLANT HABIT
PLANT WEATHERING
POD CHARACTERS
SEASONAL DEVELOPMENT
RT AGRONOMY
GENOTYPES
PHENOTYPES

AGRONOMY D
RT AGRONOMIC CHARACTERS
CULTIVATION
MANAGEMENT PRACTICES
PROPAGATION

AGROPYRON E
BT WEED GRAMINEAE
NT AGROPYRON SQUARROSUM

AGROPYRON SQUARROSUM E
UF Eremopyrum buonapartis
BT AGROPYRON

Agrosan
USE PHENYL MERCURIC ACETATE

AGROSTIS E
BT WEED GRAMINEAE

Agrothion
USE FENITROTHION

AGROTIS E
UF cutworms
BT NOCTUIDAE
NT AGROTIS FLAMMATRA
AGROTIS IPSILON
AGROTIS SEGETUM
AGROTIS SPINIFERA

AGROTIS FLAMMATRA E
BT AGROTIS

AGROTIS IPSILON E
UF Agrotis ypsilon
black cutworm
cutworm (black)
cutworm (greasy)
greasy cutworm
BT AGROTIS

AGROTIS SEGETUM E
UF cutworm (winter)
winter cutworm
BT AGROTIS

AGROTIS SPINIFERA E
BT AGROTIS

Agrotis ypsilon
USE AGROTIS IPSILON

Agroxone
USE MCPA

AIR POLLUTION E
BT POLLUTION

AIR TEMPERATURE D
BT TEMPERATURE

ALANINE F
BT AMINO ACIDS

Aldrex
USE ALDRIN

ALDRIN E
UF Aldrex
HHDN
BT ORGANOCHLORINE INSECTICIDES

ALFALFA MOSAIC E
UF AMV
lucerne mosaic
mosaic (alfalfa)
BT VIROSES
RT APHIDS

alfalfa weevil
USE HYPERA POSTICA

ALGERIA K
BT AFRICA

alkalinity
USE HYDROGEN-ION CONCENTRATION

ALLELES C
RT GENES

ALLELOPATHY B
SN Harmful effects of one plant on another through production of chemicals that escape into the environment
RT BIOLOGICAL COMPETITION

ALLOXYDIM-SODIUM E
UF Clout
Fervin
BT HERBICIDES

ALOPECURUS E
BT WEED GRAMINEAE
NT ALOPECURUS MYOSUROIDES

ALOPECURUS MYOSUROIDES E
UF foxtail (slender)
BT ALOPECURUS

ALTERNARIA E
BT FUNGI
NT ALTERNARIA ALTERNATA
ALTERNARIA SOLANI
ALTERNARIA TENUIS
RT ALTERNARIA LEAF SPOT
SEED SPOILAGE

ALTERNARIA ALTERNATA E
BT ALTERNARIA

ALTERNARIA BLIGHT E
UF blight (Alternaria)
BT MYCOSES
RT ALTERNARIA TENUIS

ALTERNARIA LEAF SPOT E
UF brown spot
spot (Alternaria leaf)
spot (brown)
BT LEAF SPOTS
RT ALTERNARIA

ALTERNARIA SOLANI E
BT ALTERNARIA

ALTERNARIA TENUIS E
BT ALTERNARIA
RT ALTERNARIA BLIGHT

alternative hosts
USE HOST RANGE

ALTITUDE D
BT SITE FACTORS

ALUMINIUM D
BT MINERALS AND NUTRIENTS

Amaranthaceae (weeds)
USE WEED AMARANTHACEAE

AMARANTHUS E
BT WEED AMARANTHACEAE
NT AMARANTHUS BLITOIDES
AMARANTHUS RETROFLEXUS

AMARANTHUS BLITOIDES E
UF pigweed (prostrate)
BT AMARANTHUS

AMARANTHUS RETROFLEXUS E
UF redroot
BT AMARANTHUS

AMERICA K
NT CENTRAL AMERICA
NORTH AMERICA
SOUTH AMERICA

AMIDE FERTILIZERS D
BT NITROGEN FERTILIZERS
NT CALCIUM CYNAMIDE
UREA

AMINO ACIDS F
BT PROTEIN CONTENT
NT ALANINE
ARGININE
ASPARTIC ACID
CYSTEINE
CYSTINE
GLUTAMIC ACID
GLUTAMINE
GLYCINE
HISTIDINE
ISOLEUCINE
LEUCINE
LYSINE
METHIONINE
ORNITHINE
PHENYLALANINE
PROLINE
THREONINE
TRYPTOPHANE
TYROSINE
VALINE
RT GENETIC CODE
PEPTIDES
PROTEIN SYNTHESIS
TRANSFER RNA

AMITOSIS C
BT CELL DIVISION

AMMI E
BT WEED UMBELLIFERAE
NT AMMI MAJUS

AMMI MAJUS E
BT AMMI

AMMONIA SOLUTIONS D
BT AMMONIUM FERTILIZERS

AMMONIACAL COPPER E
UF copper (ammoniacal)
BT INORGANIC FUNGICIDES

AMMONIUM ANHYDRIDE D
BT AMMONIUM FERTILIZERS

AMMONIUM CHLORIDE D
BT AMMONIUM FERTILIZERS
RT CHLORINE

AMMONIUM FERTILIZERS D
BT NITROGEN FERTILIZERS
NT AMMONIA SOLUTIONS
AMMONIUM ANHYDRIDE
AMMONIUM CHLORIDE
AMMONIUM SULPHATE
RT DI-AMMONIUM PHOSPHATE
MIXED FERTILIZERS
MONO-AMMONIUM PHOSPHATE

AMMONIUM NITRATE D
BT MIXED FERTILIZERS

AMMONIUM SULPHATE D
BT AMMONIUM FERTILIZERS
RT SULPHUR

AMMONIUM SULPHATE NITRATE D
BT MIXED FERTILIZERS
RT SULPHUR

AMV
USE ALFALFA MOSAIC

ANABOLISM B
BT METABOLISM

ANAGALLIS E
BT WEED PRIMULACEAE
NT ANAGALLIS FEMINA

ANAGALLIS FEMINA E
UF pimpernel (blue)
BT ANAGALLIS

ANALYSIS F
UF chemical analysis
chromatography
RT COMPOSITION

analysis (seed purity)
USE PURITY ANALYSIS

anatomy (plant)
USE PLANT ANATOMY

ANCHUSA E
BT WEED BORAGINACEAE
NT ANCHUSA ITALICA

Anchusa azurea
USE ANCHUSA ITALICA

ANCHUSA ITALICA E
UF Anchusa azurea
BT ANCHUSA

ANDROSACE E
BT WEED PRIMULACEAE
NT ANDROSACE MAXIMA

ANDROSACE MAXIMA E
BT ANDROSACE

anemophily
USE WIND POLLINATION

ANETHUM E
BT WEED UMBELLIFERAE
NT ANETHUM GRAVEOLENS
ANETHUM SEGETUM

ANETHUM GRAVEOLENS E
UF dill
BT ANETHUM

ANETHUM SEGETUM E
BT ANETHUM

ANGUINA E
BT NEMATODES

ANICIA C
BT LENTIL CULTIVARS

ANIMAL FEEDS G
UF foodstuffs (animal)
livestock feeds
BT USES
NT FATTENING
FEED CONSTITUENTS
FEED MIXTURES
FINISHING
FODDERS
FORAGE
PET FOODS
SILAGE
RT DOMESTIC ANIMALS
HAULMS
HULLS
NUTRITION
WASTE UTILIZATION

ANIMAL HEALTH G
BT HEALTH
RT DEFICIENCY DISEASES

animal manures
USE DUNG

ANIMAL PHYSIOLOGY G
UF physiology (animal)
RT BIOCHEMISTRY
NUTRITION
TOXICOLOGY

ANNUAL WEEDS E
UF weeds (annual)
BT WEEDS

Anofex
USE DDT

ANTAGONISM B
BT BIOLOGICAL COMPETITION
RT ANTAGONISTS

ANTAGONISTS D
BT RHIZOBIAL REACTIONS
RT ANTAGONISM

ANTHEMIS E
BT WEED COMPOSITAE

ANTHERS B
BT STAMENS
NT POLLEN
RT EMASCULATION
PROTANDRY
PROTOGYNY

anthesis
USE FLOWERING

Anthio
USE FORMOTHION

ANTHRACNOSES E
BT MYCOSES
RT COLLETOTRICHUM TRIFOLII

Antimilace
USE METALDEHYDE

ANTINUTRITIONAL FACTORS G
NT PROTEASE INHIBITION
RT LECTINS
MALNUTRITION
TANNINS

aphid (bean)
USE APHIS FABAE

aphid (black)
USE APHIS CRACCIVORA

aphid (black bean)
USE APHIS FABAE

aphid (broadbean)
USE APHIS FABAE

aphid (cotton-melon)
USE APHIS GOSSYPII

aphid (cowpea)
USE APHIS CRACCIVORA

aphid (green peach)
USE MYZUS PERSICAE

aphid (pea)
USE ACYRTHOSIPHON PISUM

Aphididae
USE APHIDS

APHIDS E
UF Aphididae
greenflies
plant lice
BT HOMOPTERA
NT ACYRTHOSIPHON
APHIS
MYZUS
RT ALFALFA MOSAIC
BEAN COMMON MOSAIC VIRUS
BROADBEAN WILT VIRUS
CUCUMBER MOSAIC
PEA MOSAIC

APHIS E
BT APHIDS
NT APHIS CRACCIVORA
APHIS FABAE
APHIS GOSSYPII

APHIS CRACCIVORA E
UF aphid (black)
aphid (cowpea)
Aphis laburni
black aphid
cowpea aphid
BT APHIS
RT BEAN YELLOW MOSAIC
BROADBEAN MOSAIC VIRUS
BROADBEAN YELLOW MOSAIC
PEA LEAF ROLL VIRUS

APHIS FABAE E
UF aphid (bean)
aphid (black bean)
aphid (broadbean)
bean aphid
bean blackfly
black bean aphid
broadbean aphid
Doralis fabae
BT APHIS

APHIS GOSSYPII E
UF aphid (cotton-melon)
cotton-melon aphid
BT APHIS

Aphis laburni
USE APHIS CRACCIVORA

APICAL MERISTEMS B
UF growing points
BT MERISTEMS

APION E
BT COLEOPTERA
NT APION ARROGANS
APION POMONAE

APION ARROGANS E
UF seed weevil
BT APION

APION POMONAE E
BT APION

Apis mellifera
USE HONEYBEES

Appex
USE TETRACHLORVINPHOS

AQUADULCE C
BT FABA BEAN CULTIVARS

ARAUCANA-INIA C
BT LENTIL CULTIVARS

ARENARIA E
BT WEED CARYOPHYLLACEAE

Aretit
USE DINOSEB ACETATE

ARGENTINA K
BT SOUTH AMERICA

ARGININE F
BT AMINO ACIDS

ARID LAND D
RT ARID SOILS
DROUGHT

ARID SOILS D
BT CLIMATIC SOIL TYPES
RT ARID LAND

aridity
USE DROUGHT

ARISTOLOCHIA E
BT WEED ARISTOLOCHIACEAE
NT ARISTOLOCHIA MAURORUM

ARISTOLOCHIA MAURORUM E
UF birthwort (Moorish)
BT ARISTOLOCHIA

Aristolochiaceae (weeds)
USE WEED ARISTOLOCHIACEAE

Arkotine
USE DDT

army worms
USE SPODOPTERA

ASCOCHYTA E
BT FUNGI
NT ASCOCHYTA FABAE
ASCOCHYTA LENTIS
ASCOCHYTA PISI
RT ASCOCHYTA BLIGHT

ASCOCHYTA BLIGHT E
UF blight (Ascochyta)
BT MYCOSES
RT ASCOCHYTA

ASCOCHYTA FABAE E
BT ASCOCHYTA

ASCOCHYTA LENTIS E
BT ASCOCHYTA

ASCOCHYTA PISI E
BT ASCOCHYTA

ASCORBIC ACID F
UF vitamin C
BT VITAMIN CONTENT

ASEXUAL REPRODUCTION B
UF vegetative reproduction
BT PLANT REPRODUCTION
RT CLONES

ASH CONTENT F
BT COMPOSITION

ASIA K
NT AFGHANISTAN
BANGLADESH
BURMA
CHINA
CYPRUS
INDIA . . . . . .

(ASIA)
  (NT) IRAN
       IRAQ
       JAPAN
       JORDAN
       LEBANON
       NEPAL
       PAKISTAN
       SYRIA
       TURKEY
       YEMEN
   RT USSR

ASPARTIC ACID F
   BT AMINO ACIDS

ASPERGILLUS E
   BT FUNGI
   NT ASPERGILLUS FLAVUS
       ASPERGILLUS NIGER
       ASPERGILLUS OCHRACEUS
   RT SEED SPOILAGE

ASPERGILLUS FLAVUS E
   BT ASPERGILLUS

ASPERGILLUS NIGER E
   BT ASPERGILLUS

ASPERGILLUS OCHRACEUS E
   BT ASPERGILLUS

ASPERULA E
   BT WEED RUBIACEAE
   NT ASPERULA ARVENSIS

ASPERULA ARVENSIS E
   UF woodruff (field)
   BT ASPERULA

ASSES G
   UF donkeys
   BT LIVESTOCK

assimilation (plant)
  USE PLANT ASSIMILATION

atlases
  USE MAPS

ATP B
   UF adenosine triphosphate
   BT CO-ENZYMES
   RT MITOCHONDRIA
       PHOTOPHOSPHORYLATION
       TRANSFER RNA

AUSTRALIA K
BT OCEANIA

AUSTRIA K
BT EUROPE

autoclaving
USE PRESSURE COOKING

AUTOGRAPHA E
BT NOCTUIDAE
NT AUTOGRAPHA GAMMA

AUTOGRAPHA GAMMA E
UF Plusia gamma
silver-y moth
BT AUTOGRAPHA

AUTUMN D
UF fall
BT SEASONS
RT KHARIF SEASON

AUXINS B
BT PLANT GROWTH SUBSTANCES
RT CAMBIUM

Avadex
USE DIALLATE

Avadex-BW
USE TRIALLATE

AVENA E
UF oats
BT WEED GRAMINEAE
NT AVENA STERILIS

AVENA STERILIS E
UF oats (animated)
BT AVENA

Avenge
USE DIFENZOQUAT

avian control
USE BIRD CONTROL

AZINPHOS-METHYL E
UF Gusathion
Guthion
BT ORGANOPHOSPHORUS INSECTICIDES

Azodrin
USE MONOCROTOPHOS

B77 C
BT LENTIL CULTIVARS

BACILLUS THURINGIENSIS E
BT ENTOMOGENOUS BACTERIA

BACKCROSSING C
BT BREEDING
RT CROSSBREEDING

BACTERIA D/E
NT BENEFICIAL BACTERIA
INJURIOUS BACTERIA
RT ENTOMOGENOUS BACTERIA

bacteria (root-nodule)
USE RHIZOBIA

bacterial diseases
USE BACTERIOSES

BACTERIOSES E
UF bacterial diseases
diseases (bacterial)
BT DISEASES
RT INJURIOUS BACTERIA

baking quality
USE COOKING QUALITY

BAKED PRODUCTS G
BT FOOD PRODUCTS
NT BISCUITS
BREADS
CAKES
PASTA
RT DOUGHS
FLOURS

BANGLADESH K
BT ASIA

BARBAN E
UF Carbyne
BT HERBICIDES

BARLEY D
UF Hordeum sativum
BT CEREALS

barley (wild)
USE HORDEUM

Basagran
USE BENTAZONE

BASIC SLAG D
BT PHOSPHATE FERTILIZERS

Basudin
  USE DIAZINON

Baycid
  USE FENTION

Bayer 45432
  USE OMETHOATE

Baytex
  USE FENTION

BBMV
  SEE BROADBEAN MOSAIC VIRUS
  AND BROADBEAN MOTTLE VIRUS

BBSV
  USE BROADBEAN STAIN VIRUS

BBWV
  USE BROADBEAN WILT VIRUS

BCMV
  USE BEAN COMMON MOSAIC VIRUS

bean aphid
  USE APHIS FABAE

bean beetle
  USE BRUCHUS RUFIMANUS

bean blackfly
  USE APHIS FABAE

bean blue butterfly
  USE LAMPIDES BOETICUS

BEAN COMMON MOSAIC VIRUS E
  UF BCMV
      mosaic (bean common)
  BT VIROSES
  RT APHIDS

bean fly
  USE MELANAGROMYZA TRIFOLII

BEAN YELLOW MOSAIC E
  UF BYMV
      mosaic (bean yellow)
      yellow mosaic (bean)
  BT VIROSES
  RT ACYRTHOSIPHON PISUM
      ACYRTHOSIPHON SESBANIAE
      APHIS CRACCIVORA
      APHIS FABAE
      MYZUS PERSICAE

beans (broad)
USE FABA BEANS

bedstraw (rough)
USE GALIUM TRICORNE

BEEF CATTLE G
BT CATTLE

BEES B
BT POLLINATING INSECTS
NT BUMBLE BEES
HONEYBEES

beet army worm
USE SPODOPTERA EXIGUA

beetles
USE COLEOPTERA

behaviour (insect or mite)
USE INSECT BEHAVIOUR

BEHENIC ACID F
UF docosanoic acid
BT SATURATED FATTY ACIDS

BELGIUM K
BT EUROPE

bells of Ireland
USE MOLUCELLA LAEVIS

BEMISIA E
BT HOMOPTERA
NT BEMISIA TABACI

BEMISIA TABACI E
UF cotton whitefly
whitefly (cotton)
BT BEMISIA
RT ABUTILON MOSAIC

BENEFICIAL ARTHROPODS E
UF insects (beneficial)
mites (beneficial)
RT ENTOMOLOGY
INSECT AGENTS
INSECTS
POLLINATING INSECTS

BENEFICIAL BACTERIA D
BT BACTERIA
NT RHIZOBIA

Benlate
USE BENOMYL

BENOMYL E
UF Benlate
BT ORGANIC FUNGICIDES

BENTAZONE E
UF Basagran
BT HERBICIDES

benzene hexachloride
USE LINDANE

BENZOYLPROP E
UF Suffix
BT HERBICIDES

Berberidaceae (weeds)
USE WEED BERBERIDACEAE

Bermuda grass
USE CYNODON DACTYLON

BETA-GLYCOSIDES G
UF glycosides (beta)
pyrimidine glucosides
NT CONVICINE
VICINE
RT FAVISM

BEVERAGES G
UF drinks
BT FOOD PRODUCTS

BHC
USE LINDANE

BIBLIOGRAPHIC FORM J
BT DOCUMENTATION
NT BIBLIOGRAPHIES
JOURNAL ARTICLES
MAPS
MONOGRAPHS
REPORTS
REVIEW ARTICLES
THESES

BIBLIOGRAPHIES J
BT BIBLIOGRAPHIC FORM

bicarbonate of potash
USE POTASSIUM BICARBONATE

BIENNIAL WEEDS E
UF weeds (biennial)
BT WEEDS

bindweed (field)
USE CONVOLVULUS ARVENSIS

bindweed (mallow-leaved)
  USE CONVOLVULUS ALTHAEOIDES

bins (storage)
  USE STORAGE BINS

BIOCHEMISTRY B
   RT ANIMAL PHYSIOLOGY
       COMPOSITION
       HUMAN PHYSIOLOGY
       NUTRITION
       PLANT PHYSIOLOGY
       TOXICITY

BIOLOGICAL COMPETITION B
   UF competition (biological)
   BT ECOLOGY
   NT ANTAGONISM
       PARASITISM
   RT ALLELOPATHY
       BIOLOGICAL CONTROL

BIOLOGICAL CONTROL E
   UF control (biological)
   BT PEST CONTROL METHODS
   NT ENTOMOGENOUS BACTERIA
       ENTOMOGENOUS FUNGI
       INSECT AGENTS
   RT BIOLOGICAL COMPETITION
       DISEASE CONTROL
       HOST-PLANT RESISTANCE
       INTEGRATED CONTROL
       PEST CONTROL
       WEED CONTROL

biology (insect or mite)
  USE INSECT BIOLOGY

bionomics (insect or mite)
  USE INSECT BIONOMICS

BIRD CONTROL E
   UF avian control
       control (bird)
   BT PEST CONTROL
   RT BIRD REPELLENTS
       INJURIOUS BIRDS

BIRD REPELLENTS E
   BT REPELLENTS
   NT METHIOCARB
   RT BIRD CONTROL

birds (domestic)
  USE POULTRY

birds (injurious)
  USE INJURIOUS BIRDS

birthwort (Moorish)
  USE ARISTOLOCHIA MAURORUM

BISCUITS G
  BT BAKED PRODUCTS

black aphid
  USE APHIS CRACCIVORA

black bean aphid
  USE APHIS FABAE

black cutworm
  USE AGROTIS IPSILON

Bladex
  USE CYANAZINE

Blazer
  USE CARBOFLUORFEN

blends
  USE FEED MIXTURES

Blex
  USE PIRIMIPHOS-METHYL

blight (Alternaria)
  USE ALTERNARIA BLIGHT

blight (Ascochyta)
  USE ASCOCHYTA BLIGHT

blight (stem)
  USE STEM ROTS

blue butterfly (bean)
  USE LAMPIDES BOETICUS

BOLIVIA K
  BT SOUTH AMERICA

books
  USE MONOGRAPHS

Boraginaceae (weeds)
  USE WEED BORAGINACEAE

BORDEAUX MIXTURE E
  BT INORGANIC FUNGICIDES
  RT COPPER SULPHATE

BORON D
  BT MINERALS AND NUTRIENTS
  RT TRACE ELEMENTS

botanical keys
  USE IDENTIFICATION

BOTRYTIS E
BT FUNGI
NT BOTRYTIS CINEREA
BOTRYTIS FABAE

BOTRYTIS CINEREA E
BT BOTRYTIS
RT LEAF SPOTS
SEED SPOILAGE
STEM ROTS

BOTRYTIS FABAE E
BT BOTRYTIS
RT CHOCOLATE SPOT

BRACHIARIA E
BT WEED GRAMINEAE
NT BRACHIARIA ERUCIFORMIS

Brachiaria erucaeformis
USE BRACHIARIA ERUCIFORMIS

BRACHIARIA ERUCIFORMIS E
UF Brachiaria erucaeformis
Panicum eruciforme
sugnal grass
BT BRACHIARIA

branched broomrape
USE OROBANCHE RAMOSA

BRANCHING B
BT DEVELOPMENTAL STAGES
RT STEMS

BRASSICA E
BT WEED CRUCIFERAE
NT BRASSICA NIGRA

BRASSICA NIGRA E
UF mustard (black)
BT BRASSICA

BRAZIL K
BT SOUTH AMERICA

BREADS G
BT BAKED PRODUCTS

breakfast cereals
USE CEREAL FOODS

BREEDING C
UF genetic improvement
improvement (plant)
plant breeding . . . . . .

(BREEDING)
NT BACKCROSSING
HYBRIDIZING
INBREEDING
MUTATION
OUTBREEDING
PLANT INTRODUCTION
RANDOM MATING
RECIPROCAL CROSSING
RECOMBINATION
SEGREGATION
SELECTION
SELFING
RT BREEDING AIMS
BREEDING METHODS
CULTIVARS
CYTOGENETICS
GENETICS
INHERITANCE
PLANT FERTILITY
SEED

BREEDING AIMS C
NT HABIT IMPROVEMENT
HOST-PLANT RESISTANCE
PLASTICITY
YIELD INCREASE
RT BREEDING
PRODUCTIVITY POTENTIAL

BREEDING METHODS C
NT CHROMOSOME MANIPULATION
CONVERGENT IMPROVEMENT
EMASCULATION
HYBRID VIGOUR
INCOMPATIBILITY
INTERSPECIFIC STERILITY
ISOLATION
MALE STERILITY
MUTATION BREEDING
POLYPLOIDY
RT BREEDING
CELL CULTURE
EXPERIMENTAL TECHNIQUES
PROGENY TESTING
TISSUE CULTURE

BREWER C
BT LENTIL CULTIVARS

Britain
USE UNITED KINGDOM

broad beans
USE FABA BEANS

broadbean aphid
USE APHIS FABAE

broadbean fly
  USE LIRIOMYZA TRIFOLII

BROADBEAN MOSAIC VIRUS E
  SN BBMV is sometimes used for this name, but it should be avoided because of confusion with BROADBEAN MOTTLE VIRUS
  UF mosaic (broadbean)
  BT VIROSES
  RT APHIS CRACCIVORA
     ACYRTHOSIPHON SESBANIAE

BROADBEAN MOTTLE VIRUS E
  SN BBMV is sometimes used for this name, but it should be avoided because of confusion with BROADBEAN MOSAIC VIRUS
  UF mottle virus (broadbean)
  BT VIROSES
  RT CALOSPIS

BROADBEAN STAIN VIRUS E
  UF BBSV
     stain virus (broadbean)
  BT VIROSES

BROADBEAN WILT VIRUS E
  UF BBWV
     wilt virus (broadbean)
  BT VIROSES
  RT APHIDS

BROADBEAN YELLOW MOSAIC E
  UF mosaic (broadbean yellow)
     yellow mosaic (broadbean)
  BT VIROSES
  RT APHIS CRACCIVORA

broadbeans
  USE FABA BEANS

BROADCAST SEEDERS D
  BT SOWING EQUIPMENT

Brofene
  USE BROMOPHOS

brome grass (open-awned)
  USE BROMUS SQUARROSUS

brome grass (purple-awned)
  USE BROMUS DANTHONIAE

Bromex
  USE CHLORBROMURON

Brominal
  USE BROMOXYNIL

BROMINE D
BT MINERALS AND NUTRIENTS
RT TRACE ELEMENTS

Bromofenoxim
USE BROMOPHENOXIM

BROMOPHENOXIM E
UF Bromofenoxim
Faneron
BT HERBICIDES

BROMOPHOS E
UF Brofene
Nexion
BT ORGANOPHOSPHORUS INSECTICIDES

BROMOPROPYLATE E
UF Acarol
isopropyl-4,4-dibromobenzilate
Neoron
BT ACARICIDES

BROMOXYNIL E
UF Brominal
Bronate
BT HERBICIDES

BROMUS E
BT WEED GRAMINEAE
NT BROMUS DANTHONIAE
BROMUS SQUARROSUS

BROMUS DANTHONIAE E
UF brome grass (purple-awned)
Bromus macrostachyas triaristatus
BT BROMUS

Bromus macrostachyas triaristatus
USE BROMUS DANTHONIAE

BROMUS SQUARROSUS E
UF brome grass (open-awned)
BT BROMUS

Bronate
USE BROMOXYNIL

broomrape (branched)
USE OROBANCHE RAMOSA

broomrape (Egyptian)
USE OROBANCHE AEGYPTIACA

broomrapes
USE OROBANCHE

brown spot
  USE ALTERNARIA LEAF SPOT

BRUCHIDIUS E
  BT COLEOPTERA
  NT BRUCHIDIUS INCARNATUS
     BRUCHIDIUS MINUTUS
     BRUCHIDIUS QUINQUEGUTTATUS

BRUCHIDIUS INCARNATUS E
  UF Egyptian broad bean weevil
     small broad bean beetle
  BT BRUCHIDIUS

BRUCHIDIUS MINUTUS E
  BT BRUCHIDIUS

Bruchidius obtectus
  USE ACANTHOSCELIDES OBTECTUS

BRUCHIDIUS QUINQUEGUTTATUS E
  BT BRUCHIDIUS

BRUCHUS E
  BT COLEOPTERA
  NT BRUCHUS ANALIS
     BRUCHUS ATOMARIUS
     BRUCHUS ERVI
     BRUCHUS LENTIS
     BRUCHUS RUFIMANUS
     BRUCHUS SIGNATICORNIS
     BRUCHUS TRISTICULUS

BRUCHUS ANALIS E
  BT BRUCHUS

BRUCHUS ATOMARIUS E
  BT BRUCHUS

BRUCHUS ERVI E
  BT BRUCHUS

BRUCHUS LENTIS E
  BT BRUCHUS

Bruchus obtectus
  USE ACANTHOSCELIDES OBTECTUS

BRUCHUS RUFIMANUS E
  UF bean beetle
     Mylabris rufimanus
  BT BRUCHUS

BRUCHUS SIGNATICORNIS E
  BT BRUCHUS

BRUCHUS TRISTICULUS E
  BT BRUCHUS

BUDS B
RT INFLORESCENCES
SHOOTS

BULGARIA K
BT EUROPE

BUMBLE BEES B
UF humble bees
BT BEES

BUPLEURUM E
BT WEED UMBELLIFERAE
NT BUPLEURUM LANCIFOLIUM

BUPLEURUM LANCIFOLIUM E
BT BUPLEURUM

bur grass
USE ECHINARIA CAPITATA

BURMA K
BT ASIA

buttercup (corn)
USE RANUNCULUS ARVENSIS

butterflies
USE LEPIDOPTERA

BYMV
USE BEAN YELLOW MOSAIC

cabbage looper
USE TRICHOPLUSIA NI

CAKES G
BT BAKED PRODUCTS

CALCIUM D
BT MINERALS AND NUTRIENTS
RT AGRICULTURAL LIME
CALCIUM AMMONIUM NITRATE
CALCIUM CYNAMIDE
CALCIUM NITRATE
CALCIUM SUPERPHOSPHATE
DI-CALCIUM PHOSPHATE

CALCIUM AMMONIUM NITRATE D
BT MIXED FERTILIZERS
RT CALCIUM

CALCIUM CYNAMIDE D
BT AMIDE FERTILIZERS
RT CALCIUM

CALCIUM NITRATE D
BT NITRATE FERTILIZERS
RT CALCIUM

CALCIUM SUPERPHOSPHATE D
BT SUPERPHOSPHATES
RT CALCIUM

Caldon
USE DINOSEB

CALENDULA E
BT WEED COMPOSITAE
NT CALENDULA ARVENSIS

CALENDULA ARVENSIS E
UF marigold (field)
BT CALENDULA

calf
USE CALVES

CALIOTHRIPS E
BT THYSANOPTERA
NT CALIOTHRIPS IMPURUS
CALIOTHRIPS SUDANENSIS

CALIOTHRIPS IMPURUS E
BT CALIOTHRIPS

CALIOTHRIPS SUDANENSIS E
UF grey cotton thrips
thrips (grey cotton)
BT CALIOTHRIPS

CALLOSOBRUCHUS E
BT COLEOPTERA
NT CALLOSOBRUCHUS CHINENSIS
CALLOSOBRUCHUS MACULATUS

CALLOSOBRUCHUS CHINENSIS E
UF adzuki bean beetle
BT CALLOSOBRUCHUS

CALLOSOBRUCHUS MACULATUS E
UF cowpea seed beetle
BT CALLOSOBRUCHUS

CALORIC VALUE G
BT NUTRITION
RT FOOD ENERGY

CALOSPIS E
BT COLEOPTERA
RT BROADBEAN MOTTLE VIRUS

CALVES G
UF calf
BT CATTLE

CALYX B
BT PERIANTH
RT SEPALS

CAMBIUM B
BT MERISTEMS
RT AUXINS
PHLOEM
XYLEM

CAMELS G
BT LIVESTOCK

CAMPYLOMA E
BT HETEROPTERA
NT CAMPYLOMA NICOLASI

CAMPYLOMA NICOLASI E
BT CAMPYLOMA

CANADA K
BT NORTH AMERICA

canary grass (short-spiked)
USE PHALARIS BRACHYSTACHYS

CANNING F
BT PACKAGING

CANOPY B
BT FOLIAGE
RT TRANSPIRATION

cantaloupes
USE MUSKMELONS

CAPSELLA E
BT WEED CRUCIFERAE
NT CAPSELLA BURSA-PASTORIS

CAPSELLA BURSA-PASTORIS E
UF shepherd's purse
BT CAPSELLA

CAPTAFOL E
UF Difolatan
BT ORGANIC FUNGICIDES

CAPTAN E
UF Orthocide
BT ORGANIC FUNGICIDES

CARBAMATE FUNGICIDES E
BT ORGANIC FUNGICIDES
NT FERBAM
MANCOZEB
MANEB
ZINEB
ZIRAM

CARBAMATE INSECTICIDES E
BT INSECTICIDES
NT CARBARYL
CARBOFURAN
METHIOCARB
METHOMYL
PIRIMICARB

CARBARYL E
UF dicarbam
Hexavin
naphthyl methylcarbamate
Sevin
BT CARBAMATE INSECTICIDES

Carbax
USE DICOFOL

Carbetamex
USE CARBETAMIDE

CARBETAMIDE E
UF Carbetamex
BT HERBICIDES

CARBOFLUORFEN E
UF Acifluorfen-sodium
Blazer
BT HERBICIDES

CARBOFURAN E
UF Curaterr
dihydro-2,2-dimethyl-7-benzofuranyl methylcarbamate
BT CARBAMATE INSECTICIDES

CARBOHYDRATE CONTENT F
BT COMPOSITION
NT SOLUBLE CARBOHYDRATES
STARCH CONTENT

carbohydrates (soluble)
USE SOLUBLE CARBOHYDRATES

carbon bisulfide
USE CARBON DISULPHIDE

CARBON DIOXIDE B
RT CARBON FIXATION
PHOSPHOGLYCERIC ACID

CARBON DISULPHIDE E
UF carbon bisulfide
BT FUMIGANTS

CARBON FIXATION B
UF fixation (carbon)
BT PHOTOSYNTHESIS
RT CARBON DIOXIDE

Carbophos
USE MALATHION

CARBOXIN E
UF dihydro-2-methyl-1,4-oxathin-3-carboxanalide
Vitavax
BT ORGANIC FUNGICIDES

Carbyne
USE BARBAN

CARDARIA E
BT WEED CRUCIFERAE
NT CARDARIA DRABA

CARDARIA DRABA E
UF cress (hoary)
Lepidium draba
BT CARDARIA

Carduus marianus
USE SILYBUM MARIANUM

Caribbean countries
USE CENTRAL AMERICA

CAROTENOIDS B
BT PHOTOSYNTHETIC PIGMENTS

CARPELS B
BT FLOWERS
RT FRUITS
GYNOECIUM

carrot (wild)
USE DAUCUS CAROTA

CARTHAMUS E
BT WEED COMPOSITAE
NT CARTHAMUS FLAVESCENS

CARTHAMUS FLAVESCENS E
UF safflower (golden)
BT CARTHAMUS

CARUNCLE B
BT SEEDS

Caryophyllaceae (weeds)
USE WEED CARYOPHYLLACEAE

castration
USE EMASCULATION

cat foods
USE PET FOODS

CATABOLISM B
UF katabolism
BT METABOLISM

catchfly (conoid)
USE SILENE CONOIDEA

CATTLE G
BT LIVESTOCK
NT BEEF CATTLE
CALVES
DAIRY CATTLE

CAUCALIS E
BT WEED UMBELLIFERAE
NT CAUCALIS PLATYCARPOS

CAUCALIS PLATYCARPOS E
UF parsley (bur)
BT CAUCALIS

CECIDOMYIIDAE E
UF gall midges
Itonididae
BT DIPTERA
NT CONTARINIA
DASINEURA

CELL CULTURE C
UF culture (cell)
single-cell culture
RT BREEDING METHODS
CULTURE MEDIA

CELL DIVISION C
BT CYTOLOGY
NT AMITOSIS
MEIOSIS
MITOSIS
RT CYTOKININS
GROWTH
MERISTEMS
NUCLEUS

CELL STRUCTURE C
UF structure (cell)
BT CYTOLOGY
NT CELL WALLS
CYTOPLASMIC ORGANELLES
GOLGI APPARATUS
NUCLEUS
RIBOSOMES
RT ULTRASTRUCTURE

CELL WALLS C
UF walls (cell)
BT CELL STRUCTURE
RT CELLULOSE

CELLULOSE F
BT FIBRE CONTENT
RT CELL WALLS

Celphos
USE PHOSPHINE

CENTAUREA E
BT WEED COMPOSITAE
NT CENTAUREA CALCITRAPA

CENTAUREA CALCITRAPA E
UF thistle (purple star)
BT CENTAUREA

CENTRAL AMERICA K
UF Caribbean countries
BT AMERICA
NT COSTA RICA
DOMINICAN REPUBLIC
GUATEMALA
MEXICO

CENTRE OF ORIGIN A
UF origin (plant)
plant origin
BT PLANT GEOGRAPHY

CENTRIFUGING F
BT PROCESSING

CEPHALARIA E
BT WEED DIPSACACEAE
NT CEPHALARIA SYRIACA

CEPHALARIA SYRIACA E
BT CEPHALARIA

CERCOSPORA E
BT FUNGI
NT CERCOSPORA LENSII
CERCOSPORA ZONATA

CERCOSPORA LEAF SPOT E
UF spot (Cercospora leaf)
BT LEAF SPOTS
RT CERCOSPORA LENSII
CERCOSPORA ZONATA

CERCOSPORA LENSII E
BT CERCOSPORA
RT CERCOSPORA LEAF SPOT

CERCOSPORA ZONATA E
BT CERCOSPORA
RT CERCOSPORA LEAF SPOT

CEREAL FOODS G
UF breakfast cereals
BT FOOD PRODUCTS

CEREALS D
BT ROTATIONAL CROPS
NT BARLEY
MAIZE
RICE
WHEAT

Ceresan Universal
USE PHENYL MERCURIC ACETATE

CERTIFIED SEED D
SN Commercial seed meeting specified standards
BT SEED

CHAETOMIUM E
BT FUNGI
RT SEED SPOILAGE

charlock
USE SINAPIS ARVENSIS

charlock (white)
USE RAPHANUS RAPHANISTRUM

chemical analysis
  USE ANALYSIS

chemical elements
  USE MINERALS AND NUTRIENTS

chemistry (soil)
  USE SOIL CHEMISTRY

Chenopodiaceae (weeds)
  USE WEED CHENOPODIACEAE

CHENOPODIUM E
  BT WEED CHENOPODIACEAE
  NT CHENOPODIUM ALBUM
     CHENOPODIUM OPULIFOLIUM

CEHNOPODIUM ALBUM E
  UF lambs-quarters
  BT CHENOPODIUM

CHENOPODIUM OPULIFOLIUM E
  UF goosefoot (maple-leaved)
  BT CHENOPODIUM

CHICKENS G
  BT POULTRY

chicory
  USE CICHORIUM INTYBUS

CHILE K
  BT SOUTH AMERICA

CHILEAN 78 C
  BT LENTIL CULTIVARS

CHINA K
  BT ASIA

CHLORBROMURON E
  UF Bromex
     Maloran
  BT HERBICIDES

CHLORENCHYMA B
  BT PARENCHYMA
  RT CHLOROPLASTS

CHLORINE D
  BT MINERALS AND NUTRIENTS
  RT AMMONIUM CHLORIDE
     POTASSIUM CHLORIDE

Chlorofos
  USE TRICHLORFON

CHLORONEB E
UF Demosan
dichloro-2,4-dimethoxybenzene
BT ORGANIC FUNGICIDES

CHLOROPHACINONE E
UF Rozol
Topitox
BT RODENTICIDES

chlorophenyl-2,4,5-trichlorophenyl sulphone
USE TETRADIFON

CHLOROPHYLLS B
BT PHOTOSYNTHETIC PIGMENTS

CHLOROPLASTS C
BT CHROMOPLASTS
NT GRANA
STROMA
THYLAKOIDS
RT CHLORENCHYMA
MESOPHYLL
PHOTOSYNTHESIS

CHLOROPROPHAM E
UF Chlorpropham
CIPC
Furloe
BT HERBICIDES

CHLOROTHALONIL E
UF tetrachloroisophthalonitrile
BT ORGANIC FUNGICIDES

Chlorpropham
USE CHLOROPROPHAM

CHOCOLATE SPOT E
UF spot (chocolate)
BT MYCOSES
RT BOTRYTIS FABAE
LEAF SPOTS

chondriosomes
USE MITOCHONDRIA

chromatography
USE ANALYSIS

chromatophores
USE CHROMOPLASTS

CHROMIUM D
BT MINERALS AND NUTRIENTS
RT TRACE ELEMENTS

CHROMOPLASTS C
UF chromatophores
BT PLASTIDS
NT CHLOROPLASTS

CHROMOSOME MANIPULATION C
BT BREEDING METHODS
RT GENES

CHROMOSOMES C
BT NUCLEUS
RT DNA
GENES
GENOMES
NUCLEOLUS
RNA

CICER A
BT LEGUMINOSAE-VICIEAE

Cicer ervoides
USE LENS ERVOIDES

Cicer lens
USE LENS CULINARIS

CICHORIUM E
BT WEED COMPOSITAE
NT CICHORIUM INTYBUS

CICHORIUM INTYBUS E
UF chicory
Wegwarte
BT CICHORIUM

CIPC
USE CHLOROPROPHAM

cis-9-octadecanoic acid
USE OLEIC ACID

Citcop
USE COPPER LINEOLATE

Citrullus lanatus
USE WATERMELONS

classification (plant)
USE TAXONOMY

CLAYS D
BT SOILS

CLEANING F
SN Cleaning of grain
BT PROCESSING

CLEARING D
UF land clearing
BT LAND PREPARATION

CLIMATE D
BT SITE FACTORS
RT CLIMATIC REQUIREMENTS

CLIMATIC REQUIREMENTS D
BT CULTURAL REQUIREMENTS
NT LIGHT
TEMPERATURE
RT CLIMATE
ECOLOGY
ENVIRONMENTAL EFFECTS
PEDOCLIMATIC FACTORS
PHENOLOGY
WATER REQUIREMENTS

CLIMATIC SOIL TYPES D
BT SITE FACTORS
NT ARID SOILS
TROPICAL SOILS
XERIC SOILS
RT SOILS

CLIMBING HABIT D
BT PLANT HABIT

CLONES C
RT ASEXUAL REPRODUCTION
CULTIVARS
PROPAGATION MATERIALS

Clout
USE ALLOXYDIM-SODIUM

clover (alsike)
USE TRIFOLIUM HYBRIDUM

clover mottle virus (red)
USE RED CLOVER MOTTLE VIRUS

clovers (sweet)
USE MELILOTUS

CO-ENZYMES B
NT ADP
ATP
RT ENZYMES

COBALT D
BT MINERALS AND NUTRIENTS
RT TRACE ELEMENTS

COCHLIOBOLUS E
BT FUNGI
NT COCHLIOBOLUS LUNATUS

COCHLIOBOLUS LUNATUS E
BT COCHLIOBOLUS
RT SEED SPOILAGE

cocklebur
USE XANTHIUM BRASILICUM

COCS
USE COPPER OXYCHLORIDE SULPHATE

code (genetic)
USE GENETIC CODE

COLCHICINE C
BT MUTAGENS

coldness
USE TEMPERATURE

COLEOPTERA E
UF beetles
BT PEST INSECTS
NT ACANTHOSCELIDES
APION
BRUCHIDIUS
BRUCHUS
CALLOSOBRUCHUS
CALOSPIS
EPICOMETUS
HYPERA
LIXUS
SITONA
TYCHIUS

COLLAR ROTS E
UF foot rots
rots (collar)
rots (foot)
BT MYCOSES
RT CORTICIUM

COLLETOTRICHUM E
BT FUNGI
NT COLLETOTRICHUM TRIFOLII

COLLETOTRICHUM TRIFOLII E
BT COLLETOTRICHUM
RT ANTHRACNOSES

COLOMBIA K
BT SOUTH AMERICA

colour (seed)
USE SEED COLOUR

commerce
  USE TRADE

COMMUNICATION J
  BT INFORMATION SCIENCE

competition (biological)
  USE BIOLOGICAL COMPETITION

COMPLEMENTARY GENES C
  SN Genes which produce a combined effect distinct from their separate effects; "synergistic genes"
  BT GENES
  RT POLYGENES

Compositae (weeds)
  USE WEED COMPOSITAE

COMPOSITES C
  RT CULTIVARS

COMPOSITION F
  SN Chemical composition of faba beans or lentils and their products
  NT ASH CONTENT
     CARBOHYDRATE CONTENT
     DRY MATTER
     FAT CONTENT
     FIBRE CONTENT
     MINERAL CONTENT
     NITROGEN CONTENT
     PHENOLIC CONTENT
     VITAMIN CONTENT
     WATER CONTENT
  RT ANALYSIS
     BIOCHEMISTRY
     NUTRITIVE VALUE

COMPOSTING D
  BT SOIL FERTILITY

CONCENTRATES G
  RT FEED CONSTITUENTS
     PROTEIN CONCENTRATES

conservation tillage
  USE ZERO-TILLAGE

CONSUMER PREFERENCES G
  UF acceptability (food)
     food choice
  BT SOCIAL SPECTS
  RT PALATABILITY
     TABOOS

CONSUMPTION H
UF market
BT ECONOMICS
RT DEMAND

CONTARINIA E
BT CECIDOMYIIDAE
NT CONTARINIA LENTIS

CONTARINIA LENTIS E
BT CONTARINIA

CONTRACTUAL SELLING H
BT MARKETING

control (biological)
USE BIOLOGICAL CONTROL

control (bird)
USE BIRD CONTROL

control (insect)
USE INSECT CONTROL

control (integrated)
USE INTEGRATED CONTROL

control (mite)
USE MITE CONTROL

control (mollusc)
USE MOLLUSC CONTROL

control (nematode)
USE NEMATODE CONTROL

control (pest)
USE PEST CONTROL

control (rodent)
USE RODENT CONTROL

control (weed)
USE WEED CONTROL

control methods (pest)
USE PEST CONTROL METHODS

CONVERGENT IMPROVEMENT C
UF improvement (convergent)
BT BREEDING METHODS

CONVICINE G
BT BETA-GLYCOSIDES

Convolvulaceae (weeds)
USE WEED CONVOLVULACEAE

CONVOLVULUS E
BT WEED CONVOLVULACEAE
NT CONVOLVULUS ALTHAEOIDES
CONVOLVULUS ARVENSIS

CONVOLVULUS ALTHAEOIDES E
UF bindweed (mallow-leaved)
BT CONVOLVULUS

CONVOLVULUS ARVENSIS E
UF bindweed (field)
BT CONVOLVULUS

COOKING G
BT HOME ECONOMICS
RT COOKING QUALITY
NUTRITION

cooking (pressure)
USE PRESSURE COOKING

COOKING QUALITY G
UF baking quality
quality (cooking)
RT COOKING
PRODUCT QUALITY

COPPER D
BT MINERALS AND NUTRIENTS
RT TRACE ELEMENTS

copper (ammoniacal)
USE AMMONIACAL COPPER

COPPER HYDROXIDE E
BT INORGANIC FUNGICIDES

COPPER LINEOLATE E
UF Citcop
BT METAL ORGANIC FUNGICIDES
RT COPPER OLEATE

COPPER OLEATE E
BT METAL ORGANIC FUNGICIDES
RT COPPER LINEOLATE

COPPER OXIDE E
BT INORGANIC FUNGICIDES

COPPER OXYCHLORIDE SULPHATE E
UF COCS
BT INORGANIC FUNGICIDES

COPPER SULPHATE E
BT INORGANIC FUNGICIDES
RT BORDEAUX MIXTURE

corn (N. American usage)
  USE MAIZE

COROLLA B
  BT PERIANTH
  RT PETALS

CORONILLA E
  BT WEED LEGUMINOSAE
  NT CORONILLA SCORPIOIDES

CORONILLA SCORPIOIDES E
  BT CORONILLA

CORTEX B
  BT STELE
  RT PARENCHYMA

CORTICIUM E
  BT FUNGI
  NT CORTICIUM ROLFSII
  RT COLLAR ROTS

CORTICIUM ROLFSII E
  UF Sclerotium rolfsii
  BT CORTICIUM
  RT SEED SPOILAGE

Cosmolyce baeticus
  USE LAMPIDES BOETICUS

COSTA RICA K
  BT CENTRAL AMERICA

COSTS H
  UF production costs
  BT ECONOMICS
  NT DEVELOPMENT COSTS
  RT INPUT FACTORS
     LABOUR

COTTON D
  UF Gossypium
  BT ROTATIONAL CROPS

cotton-melon aphid
  USE APHIS GOSSYPII

cotton whitefly
  USE BEMISIA TABACI

COTYLEDONS B
  UF leaves (seed)
     seed leaves
  BT LEAVES
  RT EMBRYO
     PLUMULE
     SEEDLINGS

COUMACHLOR E
UF Ratilan
Tomorin
BT RODENTICIDES

COUMARFURYL E
UF Fumarin
Ratafin
Tomarin
BT RODENTICIDES

COUMATETRALYL E
UF Endox
Endrocid
Racumin
BT RODENTICIDES

COVER CROPS A
RT EROSION
LIVE MULCHES

cowherb
USE VACCARIA PYRAMIDATA

cowpea aphid
USE APHIS CRACCIVORA

cowpea seed beetle
USE CALLOSOBRUCHUS MACULATUS

cranesbill (tuberous)
USE GERANIUM TUBEROSUM

CREONTIADES E
BT HETEROPTERA
NT CREONTIADES PALLIDUS

CREONTIADES PALLIDUS E
BT CREONTIADES

cress (hoary)
USE CARDARIA DRABA

crickets (mole)
USE GRYLLOTALPA

CROP LOSSES H
UF loss of yield
reduction of yield
yield losses
BT YIELDS
RT DETERIORATION
DISEASES
ENVIRONMENTAL FACTORS
PESTS
PLANT PHYSIOLOGICAL DISORDERS
SHATTERING

crop protection
  USE PLANT PROTECTION

crop rotation
  USE ROTATIONAL CROPPING

cropping systems
  USE CULTIVATION SYSTEMS

CROSS FERTILIZATION B
  BT FERTILIZATION

CROSSBREEDING C
  RT BACKCROSSING
  HYBRIDIZING

crossing (reciprocal)
  USE RECIPROCAL CROSSING

CRUDE OILS F
  BT OILS

CUCUMBER MOSAIC E
  UF mosaic (cucumber)
  BT VIROSES
  RT APHIDS

Cucumis melo
  USE MUSKMELONS

CULTIVARS C
  UF cultivated varieties
  lines
  varieties
  NT FABA BEAN CULTIVARS
  LENTIL CULTIVARS
  RECOMMENDED VARIETIES
  RT ADAPTATION
  BREEDING
  CLONES
  COMPOSITES
  HYBRIDS
  LAND RACES
  POLYCROSSES
  SPECIES
  SYNTHETICS
  VARIATION

CULTIVATION D
  UF cultural practices
  culture (crop)
  NT DEPODDING
  HOEING
  MULCHING
  PLANTING
  SOWING
  SPACING
  THINNING

. . . . . .

(CULTIVATION)
(NT) WEEDING
RT AGRONOMY
CULTIVATION SYSTEMS
HARVESTING
LAND PREPARATION
MANAGEMENT PRACTICES
MECHANIZATION

CULTIVATION EQUIPMENT D
BT FARM IMPLEMENTS
NT CULTIVATORS
HARROWS
HOES
PLOUGHS
RAKES
ROLLERS
SPADES

CULTIVATION SYSTEMS D
UF cropping systems
BT FARMING SYSTEMS
NT FALLOWING
MIXED CROPPING
MONOCULTURE
MULTIPLE CROPPING
ROTATIONAL CROPPING
SECONDARY CROPPING
RT CULTIVATION
ECONOMICS
MANAGEMENT PRACTICES

CULTIVATORS D
BT CULTIVATION EQUIPMENT
RT HOES
PLOUGHING

cultural practices
USE CULTIVATION

CULTURAL REQUIREMENTS D
NT CLIMATIC REQUIREMENTS
NUTRITIONAL REQUIREMENTS
SOIL REQUIREMENTS
WATER REQUIREMENTS
RT CULTIVATION

culture (cell)
USE CELL CULTURE

culture (crop)
USE CULTIVATION

culture (tissue)
USE TISSUE CULTURE

CULTURE MEDIA C
RT CELL CULTURE
TISSUE CULTURE

Curaterr
USE CARBOFURAN

CUSCUTA E
UF dodders
BT PARASITIC WEEDS
WEED CONVOLVULACEAE
RT PEA MOTTLE MOSAIC

CUTICLE B
BT EPIDERMIS

CUTIN F
RT FATTY ACIDS

CUTTINGS D
BT PROPAGATION MATERIALS

cutworm (black)
USE AGROTIS IPSILON

cutworm (greasy)
USE AGROTIS IPSILON

cutworm (winter)
USE AGROTIS SEGETUM

cutworms
USE AGROTIS

CYANAZINE E
UF Bladex
BT HERBICIDES

cyanocobalamin
USE VITAMIN B12

Cyclodan
USE ENDOSULFAN

CYDIA E
BT TORTRICIDAE
NT CYDIA LUNULANA

CYDIA LUNULANA E
BT CYDIA

Cyfen
USE FENITROTHION

Cygon
USE DIMETHOATE

CYNODON E
BT WEED GRAMINEAE
NT CYNODON DACTYLON

CYNODON DACTYLON E
UF Bermuda grass
BT CYNODON

Cyperaceae (weeds)
USE WEED CYPERACEAE

CYPERUS E
BT WEED CYPERACEAE
NT CYPERUS ROTUNDUS

CYPERUS ROTUNDUS E
UF nut grass
BT CYPERUS

CYPRUS K
BT ASIA

CYSTEINE F
BT AMINO ACIDS

CYSTINE F
BT AMINO ACIDS

CYTOGENETICS C
RT BREEDING
CYTOLOGY
GENETICS

CYTOLOGY C
NT CELL DIVISION
CELL STRUCTURE
RT CYTOGENETICS
PLANT ANATOMY

CYTOPLASMIC INHERITANCE C
UF extra-nuclear inheritance
inheritance (cytoplasmic)
inheritance (extra-nuclear)
inheritance (non-Mendelian)
non-Mendelian inheritance
BT INHERITANCE

CYTOPLASMIC ORGANELLES C
UF organelles
BT CELL STRUCTURE
NT DICTYOSOMES
ENDOPLASMIC RETICULUM
MITOCHONDRIA
PLASTIDS
VACUOLES

CYTOSINE C
BT PYRIMIDINES
RT DNA

CZECHOSLOVAKIA K
BT EUROPE

2,4-D E
UF 2,4-dichlorophenoxyacetic acid
Lithane
Weedone
BT HERBICIDES
RT 2,4,-D AMINE

2,4-D AMINE E
UF Vernimine
BT HERBICIDES
RT 2,4-D

DAIRY CATTLE G
BT CATTLE

DALAPON E
UF 2,2-dichloropropionic acid
Dowpon
Proprop
BT HERBICIDES

damage (mechanical)
USE MECHANICAL DAMAGE

dams
USE WATER RESERVOIRS

darnel
USE LOLIUM TEMULENTUM

DASINEURA E
UF Dasyneura
Perrisia
BT CECIDOMYIIDAE
NT DASINEURA VICIAE

DASINEURA VICIAE E
BT DASINEURA

Dasyneura
USE DASINEURA

DATC
USE DIALLATE

DAUCUS E
BT WEED UMBELLIFERAE
NT DAUCUS CAROTA

DAUCUS CAROTA E
UF carrot (wild)
BT DAUCUS

DAYLENGTH D
RT LIGHT EFFECTS
PHOTOPERIOD

DBR
USE GERMAN FEDERAL REPUBLIC

DCNA
USE DICLORAN

DDR
USE GERMAN DEMOCRATIC REPUBLIC

DDT E
UF Anofex
Arkotine
dichlorodiohenyltrichloroethane
Didimac
BT ORGANOCHLORINE INSECTICIDES

DDVP
USE DICHLORVOS

DECAMETHRIN E
UF Decis
BT PYRETHROID INSECTICIDES

Decis
USE DECAMETHRIN

DEFICIENCY DISEASES G
NT MINERAL DEFICIENCIES
PROTEIN DEFICIENCIES
VITAMIN DEFICIENCIES
RT ABIOTIC DISORDERS
ANIMAL HEALTH
HUMAN HEALTH

DEGUMMED OILS F
BT OILS

DEHULLING F
UF shelling
BT PROCESSING
RT HULLS
THRESHING

Delicia
USE PHOSPHINE

DELPHINIUM E
BT WEED RANUNCULACEAE
NT DELPHINIUM AXILLIFLORUM

DELPHINIUM AXILLIFLORUM E
BT DELPHINIUM

DEMAND H
RT CONSUMPTION

Demosan
  USE CHLORONEB

density (planting)
  USE SPACING

deoxyribonucleic acid
  USE DNA

DEOXYRIBOSE F
  BT SUGARS
  RT DNA

DEPODDING D
  SN Avoid confusion with DEHULLING
  UF pod removal
  BT CULTIVATION
  RT PODS

depth (sowing)
  USE SOWING DEPTH

desoxyribosenucleic acid
  USE DNA

DETERIORATION F
  UF spoilage
     storability
  NT MECHANICAL DAMAGE
  RT CROP LOSSES
     STORAGE

DETERMINACY D
  BT AGRONOMIC CHARACTERS
  NT DETERMINATE VARIETIES
     INDETERMINATE VARIETIES
  RT HARVESTING
     TIMING

DETERMINATE VARIETIES D
  SN Cultivars capable of being harvested in a single operation
  BT DETERMINACY

DEVELOPMENT J
  NT INDUSTRIALIZATION
  RT DEVELOPMENT COSTS
     DEVELOPMENTAL RESEARCH

development (plant)
  USE PLANT DEVELOPMENT

development (seasonal)
  USE SEASONAL DEVELOPMENT

DEVELOPMENT COSTS H
  BT COSTS
  RT DEVELOPMENT

DEVELOPMENTAL RESEARCH J
BT RESEARCH
RT DEVELOPMENT

DEVELOPMENTAL STAGES B
SN Of faba beans and lentils
NT BRANCHING
EMERGENCE
FLOWERING
FRUITING
GERMINATION
RIPENING
ROOTING
SEEDLINGS
RT PLANT DEVELOPMENT

DEXON E
BT ORGANIC FUNGICIDES

dextrose
USE GLUCOSE

dhal (red)
USE LENTILS

di allate
USE DIALLATE

DI-AMMONIUM PHOSPHATE D
BT PHOSPHATE FERTILIZERS
RT AMMONIUM FERTILIZERS

DI-CALCIUM PHOSPHATE D
BT PHOSPHATE FERTILIZERS
RT CALCIUM

Di-Syston
USE DISULFOTON

DIALLATE E
UF Avadex
DATC
di allate
BT HERBICIDES

DIAZINON E
UF Basudin
Nucidol
Sarolex
BT ORGANOPHOSPHORUS INSECTICIDES

Dicarbam
USE CARBARYL

DICHLONE E
UF dichloro-1,4-naphthoquinone
Phygon
BT ORGANIC FUNGICIDES

dichloro-2,4-dimethoxybenzene
USE CHLORONEB

dichlorodiphenyltrichloroethane
USE DDT

dichloro-1,4-naphthoquinone
USE DICHLONE

dichloro-4-nitroaniline
USE DICLORAN

2,4,-dichlorophenoxyacetic acid
USE 2,4-D

2,2-dichloropropionic acid
USE DALAPON

DICHLORVOS E
UF DDVP
Nuvan
Vapona
BT ORGANOPHOSPHORUS INSECTICIDES

DICHLOZOLINE E
BT ORGANIC FUNGICIDES

diclofop-methyl
USE DICLOFOP

DICLOFOP E
UF diclofop-methyl
Illoxan
BT HERBICIDES

DICLORAN E
UF DCNA
dichloro-4-nitroaniline
BT ORGANIC FUNGICIDES

DICOFOL E
UF Acarin
Carbax
Kelthane
BT ACARICIDES

DICTYOSOMES C
BT CYTOPLASMIC ORGANELLES
RT GOLGI APPARATUS

Didimac
USE DDT

DIETARY PATTERNS G
UF feeding regimes
RT DIETS

DIETARY VALUE G
NT DIGESTIBILITY
FOOD ENERGY
PALATABILITY
RT DIETS
NUTRITIVE VALUE

DIETS G
BT NUTRITION
RT DIETARY PATTERNS
DIETARY VALUE

DIFENZOQUAT E
UF Avenge
BT HERBICIDES

DIFFERENTIATION B
RT GROWTH
MORPHOGENESIS

Difolatan
USE CAPTAFOL

dihydro-2,2-dimethyl-7-benzofuranyl methyl-carbamate
USE CARBOFURAN

dihydro-2-methyl-1,4-oxathiin-3-carboxanalide
USE CARBOXIN

dihydro-2-methyl-1,4-oxathiin-3-carboxanalide-4,4-dioxide
USE OXYCARBOXIN

dill
USE ANETHUM GRAVEOLENS

Dimecron
USE PHOSPHAMIDON

DIMETHOATE E
UF Cygon
Fosfamid
Rogor
BT ORGANOPHOSPHORUS INSECTICIDES

DINOCAP E
UF DNOCP
Karathane
Mildex
BT ORGANIC FUNGICIDES

DINOSEB E
UF Caldon
Gebutox
BT HERBICIDES
RT DINOSEB ACETATE

DINOSEB ACETATE E
UF Aretit
BT HERBICIDES
RT DINOSEB

DIPHENAMID E
UF Dymid
Enide
BT HERBICIDES

Dipsacaceae (weeds)
USE WEED DIPSACACEAE

DIPTERA E
UF flies
BT PEST INSECTS
NT AGROMYZIDAE
CECIDOMYIIDAE

Dipterex
USE TRICHLORFON

disease carriers
USE VECTORS

DISEASE CONTROL E
BT PLANT PROTECTION
NT FUNGICIDES
VIRUS INHIBITION
RT BIOLOGICAL CONTROL
DISEASES
HOST-PLANT RESISTANCE
PEST CONTROL METHODS
PLANT PATHOLOGY

DISEASES E
UF plant diseases
NT BACTERIOSES
MYCOPLASMOSES
MYCOSES
VIROSES
RT ABIOTIC DISORDERS
CROP LOSSES
DISEASE CONTROL
EPIDEMIOLOGY
PATHOGENS
PESTS
PLANT PATHOLOGY
TRANSMISSION
VECTORS

diseases (bacterial)
USE BACTERIOSES

diseases (fungal)
USE MYCOSES

diseases (mycoplasmal)
USE MYCOPLASMOSES

diseases (plant physiological)
USE PLANT PHYSIOLOGICAL DISORDERS

diseases (viral)
USE VIROSES

disorders (plant physiological)
USE PLANT PHYSIOLOGICAL DISORDERS

dissertations
USE THESES

DISTRIBUTION F
RT HANDLING
MARKETING
PACKAGING
STORAGE
TRANSPORTATION

distribution (natural)
USE PLANT GEOGRAPHY

DISULFOTON E
UF Di-Syston
Thiodemeton
BT ORGANOPHOSPHORUS INSECTICIDES

Dithane M-22
USE MANEB

Dithane M-45
USE MANCOZEB

Dithane Z-78
USE ZINEB

Dithiomethon
USE THIOMETON

DITYLENCHUS E
BT NEMATODES
NT DITYLENCHUS DIPSACI

DITYLENCHUS DIPSACI E
BT DITYLENCHUS

DNA C
UF deoxyribonucleic acid
desoxyribosenucleic acid
BT NUCLEIC ACIDS
RT ADENINE
CHROMOSOMES
CYTOSINE
DEOXYRIBOSE
GUANINE
THYMINE

DNOCP
USE DINOCAP

docks
USE RUMEX

docosanoic acid
USE BEHENIC ACID

DOCUMENTATION J
UF librarianship
BT INFORMATION SCIENCE
NT BIBLIOGRAPHIC FORM

dodders
USE CUSCUTA

dog foods
USE PET FOODS

DOMESTIC ANIMALS G
UF farm animals
NT LIVESTOCK
POULTRY
RT ANIMAL FEEDS

DOMINICAN REPUBLIC K
BT CENTRAL AMERICA

donkeys
USE ASSES

Doralis fabae
USE APHIS FABAE

DOUBLE SUPERPHOSPHATE D
BT SUPERPHOSPHATES

DOUGHS G
RT BAKED PRODUCTS

doves
USE PIGEONS

DOWNY MILDEWS E
UF mildew (downy)
BT MYSOSES
RT PERONOSPORA

Dowpon
USE DALAPON

DRAINAGE D
BT SOIL REQUIREMENTS
RT WATER MANAGEMENT

Draza
USE METHIOCARB

DRAZOXOLONE E
UF Ganocide
BT ORGANIC FUNGICIDES

dressing (ssed)
  USE SEED TREATMENT

dried bean beetle
  USE ACANTHOSCELIDES OBTECTUS

DRIED PRODUCTS F
  BT PRODUCTS
  NT GRAINS
  RT DRYING

DRIERS F
  SN Grain-drying equipment
  BT PROCESSING EQUIPMENT
  RT DESICCANTS
      DRYING

drills (seed)
  USE SEED DRILLS

drinks
  USE BEVERAGES

DROUGHT D
  UF aridity
      dryness
      rain (lack of)
  RT ARID LAND
      DROUGHT TOLERANCE
      WATER REQUIREMENTS

DROUGHT TOLERANCE C
  UF resistance (drought)
      tolerance (drought)
  BT HOST-PLANT RESISTANCE
  RT DROUGHT

DRY-HEAT PROCESSING F
  UF micronizing
  BT PROCESSING
  RT HEATING

DRY MATTER F
  BT COMPOSITION

DRY MULCHES D
  BT MULCHES
  RT HOEING

DRY SEASON D
  BT SEASONS

DRYING F
  BT PROCESSING
  RT DRIED PRODUCTS
      DRIERS
      STORAGE RELATIVE HUMIDITY
      STORAGE STRUCTURES

dryness
USE DROUGHT

DUCKS G
BT POULTRY

DUNG D
UF animal manures
farmyard manure
BT MANURES

DUPLICATE GENES C
SN Non-allelic genes of identical non-cumulative effect
BT GENES
RT POLYMERIC GENES

Duraphos
USE MEVINPHOS

DUSTING E
BT PEST CONTROL METHODS
RT DUSTS

DUSTS E
BT PESTICIDE FORMULATIONS
RT DUSTING

Dymid
USE DIPHENAMID

EARLY DEVELOPMENT D
BT SEASONAL DEVELOPMENT

East Germany
USE GERMAN DEMOCRATIC REPUBLIC

ECHINARIA E
BT WEED GRAMINEAE
NT ECHINARIA CAPITATA

ECHINARIA CAPITATA E
UF bur grass
BT ECHINARIA

ECHINOCHLOA E
BT WEED GRAMINEAE

ECOLOGY B
NT BIOLOGICAL COMPETITION
SYMBIOSIS
RT CLIMATIC REQUIREMENTS
ENVIRONMENTAL EFFECTS .....

(ECOLOGY)
(RT) PHENOLOGY
PLANT GEOGRAPHY
PLANT POPULATIONS
RHIZOSPHERE
SOIL FAUNA
SOIL FLORA
SOIL REQUIREMENTS
WATER REQUIREMENTS

ECONOMIC ASPECTS H
RT ECONOMICS
PRODUCTION
USES

ECONOMIC POLICIES H
UF policies (economic)
RT ECONOMICS
INDUSTRIALIZATION

ECONOMICS H
NT CONSUMPTION
COSTS
INCOME
LABOUR
PRICES
RT CULTIVATION SYSTEMS
ECONOMIC ASPECTS
MARKETING
PRODUCTION

economics (home)
USE HOME ECONOMICS

ECUADOR K
BT SOUTH AMERICA

edaphic requirements
USE SOIL REQUIREMENTS

EDUCATION J
RT TRAINING

eelworms
USE NEMATODES

EGYPT K
BT AFRICA

Egyptian broomrape
USE OROBANCHE AEGYPTIACA

Egyptian cotton worm
USE SPODOPTERA LITTORALIS

Egyptian broad bean weevil
USE BRUCHIDIUS INCARNATUS

Ekatin
USE THIOMETON

ELEMENTAL SULPHUR **E**
UF sulfur (elemental)
sulphur (elemental)
BT INORGANIC FUNGICIDES
RT SULPHUR

elements (chemical)
USE MINERALS AND NUTRIENTS

EMASCULATION **C**
UF castration
BT BREEDING METHODS
RT ANTHERS
MORPHOLOGICAL STERILITY

EMBRYO **B**
UF seed-germ
BT SEEDS
NT PLUMULE
RADICLE
RT COTYLEDONS
SEEDLINGS

embryology (plant)
USE DIFFERENTIATION

EMERGENCE **B**
UF seedling emergence
BT DEVELOPMENTAL STAGES
RT SEEDLINGS

Emmatos
USE MALATHION

EMPOASCA **E**
BT HOMOPTERA
NT EMPOASCA DECIPIENS
EMPOASCA LYBICA

EMPOASCA DECIPIENS **E**
BT EMPOASCA

EMPOASCA LYBICA **E**
BT EMPOASCA

EMS
USE ETHYL METHANESULPHONATE

ENDOPLASMIC RETICULUM **C**
UF ergastoplasm
BT CYTOPLASMIC ORGANELLES
RT GOLGI APPARATUS
RIBOSOMES

ENDOSPERM **B**
BT SEEDS
RT OILS

ENDOSULFAN E
UF Cyclodan
Malix
Thiodan
Thiosulfan
BT ORGANOCHLORINE INSECTICIDES

Endox
USE COUMATETRALYL

Endrocid
USE COUMATETRALYL

ENERGY PRODUCTIVITY H
BT PRODUCTIVITY

England
USE UNITED KINGDOM

Enide
USE DIPHENAMID

ensilage
USE SILAGE

ENTOMOGENOUS BACTERIA E
SN Bacteria or bacterial preparations used for the control of insects or mites
UF bacteria (entomogenous)
BT BIOLOGICAL CONTROL
NT BACILLUS THURINGIENSIS
RT BACTERIA

ENTOMOGENOUS FUNGI E
SN Fungi living on insects or mites
UF fungi (entomogenous)
BT BIOLOGICAL CONTROL
RT FUNGI

ENTOMOLOGY E
UF acarology
NT INSECT BIOLOGY
RT BENEFICIAL ARTHROPODS
INSECT AGENTS
INSECTS
PEST CONTROL
PEST INSECTS
PEST MITES
POLLINATING INSECTS

entomophily
USE INSECT POLLINATION

ENVIRONMENTAL EFFECTS D
NT LIGHT EFFECTS
MOISTURE EFFECTS
TEMPERATURE EFFECTS
WIND EFFECTS .....

(ENVIRONMENTAL EFFECTS)
RT ABIOTIC DISORDERS
CLIMATIC REQUIREMENTS
CROP LOSSES
ECOLOGY
PLANT WEATHERING
SITE FACTORS
SOIL REQUIREMENTS
STRESS FACTORS
VARIATION
WATER REQUIREMENTS

ENZYMES B
NT HYDROGENASE
LIPOXYGENASE
MALTASE
NITROGENASE
SUCRASE
RT CO-ENZYMES

EPICOMETUS E
UF flower chafers
BT COLEOPTERA

EPICOTYL B
BT SEEDLINGS
RT STEMS

EPIDEMIOLOGY E
RT DISEASES

EPIDERMIS B
BT PLANT TISSUES
NT CUTICLE
HAIRS
RT STOMATA

EPISOMES C
BT GENETIC ELEMENTS

ERECT HABIT D
UF upright habit
BT PLANT HABIT

Eremopyrum buonapartis
USE AGROPYRON SQUARROSUM

ergastoplasm
USE ENDOPLASMIC RETICULUM

ERODIUM E
BT WEED GERANIACEAE
NT ERODIUM CICUTARIUM

ERODIUM CICUTARIUM E
BT ERODIUM

EROSION D
UF soil erosion
BT WATER MANAGEMENT
RT COVER CROPS
RUN-OFF

Ervum boissieri
USE LENS ORIENTALIS

Ervum camelorum
USE LENS CULINARIS

Ervum cyaneum
USE LENS ORIENTALIS

Ervum himalayense
USE LENS NIGRICANS

Ervum hispanicum
USE LENS ERVOIDES

Ervum hohenaikerii
USE LENS ERVOIDES

Ervum kostchianus
USE LENS MONBRETII

Ervum lens
USE LENS CULINARIS

Ervum lenticulum
USE LENS ERVOIDES

Ervum leontoides
USE LENS NIGRICANS

Ervum nigricans
USE LENS NIGRICANS

Ervum nigrum
USE LENS CULINARIS

Ervum orientale
USE LENS ORIENTALIS

Ervum punctatum
USE LENS CULINARIS

Ervum soloniense L.
USE LENS NIGRICANS

Ervum soloniense Wulf.
USE LENS ERVOIDES

Ervum sylvaticum
USE LENS NIGRICANS

Ervum uniflorum
USE LENS ERVOIDES

ERYSIPHE E
BT FUNGI
NT ERYSIPHE POLYGONI
RT POWDERY MILDEWS

ERYSIPHE POLYGONI E
BT ERYSIPHE

ERYTHRONEURA E
BT HOMOPTERA
NT ERYTHRONEURA LUBICA

ERYTHRONEURA LUBICA E
BT ERYTHRONEURA
RT ZYGINA LUBIAE

ESTON C
BT LENTIL CULTIVARS

ETCMTB
USE ETRIDIAZOL

ETHIOPIA K
UF ABYSSINIA
BT AFRICA

ETHYL METHANESULPHONATE C
UF EMS
BT MUTAGENS

ETIELLA ZINCKENELLA E
BT PYRALIDAE

ETRIDIAZOL E
UF ETCMTB
Terrazole
BT ORGANIC FUNGICIDES

EUPHORBIA E
UF spurges
BT WEED EUPHORBIACEAE
NT EUPHORBIA ALEPPICA
EUPHORBIA GAILLARDOTI
EUPHORBIA HELIOSCOPIA
EUPHORBIA PEPLUS

EUPHORBIA ALEPPICA E
UF spurge (Aleppo)
BT EUPHORBIA

EUPHORBIA GAILLARDOTI E
BT EUPHORBIA

EUPHORBIA HELIOSCOPIA E
UF spurge (sun)
BT EUPHORBIA

EUPHORBIA PEPLUS E
BT EUPHORBIA

Euphorbiaceae (weeds)
  USE WEED EUPHORBIACEAE

EUROPE K
  NT AUSTRIA
     BELGIUM
     BULGARIA
     CZECHOSLOVAKIA
     FRANCE
     GERMAN DEMOCRATIC REPUBLIC
     GERMAN FEDERAL REPUBLIC
     GREECE
     HUNGARY
     ITALY
     NETHERLANDS
     PORTUGAL
     SPAIN
     UNITED KINGDOM
     USSR
     YUGOSLAVIA
  RT TURKEY

EVALUATION J
  UF assessment
     screening methods
  BT EXPERIMENTAL TECHNIQUES
  RT PROGENY TESTING
     ROGUING
     SELECTION

EVAPORATION SUPPRESSANTS D
  RT MULCHES
     SOIL CONDITIONERS

EXELASTIS E
  BT PTEROPHORIDAE
  NT EXELASTIS ATOMOSA

EXELASTIS ATOMOSA E
  BT EXELASTIS

EXPERIMENT DESIGN J
  RT EXPERIMENTS

EXPERIMENTAL TECHNIQUES J
  NT EVALUATION
  RT BREEDING METHODS
     EXPERIMENTS

exploration (plant)
  USE PLANT EXPLORATION

exporting
  USE TRADE

EXPRESS C
  BT FABA BEAN CULTIVARS

extra-nuclear inheritance
  USE CYTOPLASMIC INHERITANCE

extraction (oil)
  USE OIL EXTRACTION

EXTRACTORS F
  UF oil extractors
      presses (oil)
  BT PROCESSING EQUIPMENT
  RT OIL EXTRACTION

F1 HYBRIDS C
  BT HYBRIDS
  RT HYBRID VIGOUR

FABA BEAN CULTIVARS C
  BT CULTIVARS
  NT AQUADULCE
      EXPRESS
      GIZA 3
      GIZA 4
      HUDEIBA 72
      ILB 1811
      ILB 1816
      NEW MAMMOTH
      SEVILLE GIANT
  RT FABA BEANS

FABA BEANS A
  UF beans (faba)
      broad beans
      broadbeans
      fava beans
      field beans (Vicia)
      horse beans (Vicia)
      tick beans
      Windsor beans
  BT LEGUMES
  RT FABA BEAN CULTIVARS
      VICIA FABA

Faba sativa
  USE VICIA FABA

Faba vulgaris
  USE VICIA FABA

factories
  USE PROCESSING PLANTS

fall
  USE AUTUMN

FALLOWING D
BT CULTIVATION SYSTEMS
RT SOIL FERTILITY

Famfos
USE PHOSPHAMIDON

FAMILY 370
BT LENTIL CULTIVARS

Faneron
USE BROMOPHENOXIM

Far-go
USE TRIALLATE

farm animals
USE DOMESTIC ANIMALS

FARM IMPLEMENTS D
UF implements (farm)
tools (farm)
NT CULTIVATION EQUIPMENT
FERTILIZER DISTRIBUTORS
HARVESTING EQUIPMENT
IRRIGATION EQUIPMENT
PLANT PROTECTION EQUIPMENT
SOWING EQUIPMENT

FARMING SYSTEMS D
NT CULTIVATION SYSTEMS
MIXED FARMING

farmyard manure
USE DUNG

FAT CONTENT F
UF lipid content
oil content
BT COMPOSITION
NT FATTY ACIDS
GLYCERIDES
RT LIPO-PROTEIN
OILS

FATTENING G
BT ANIMAL FEEDS

FATTY ACIDS F
BT FAT CONTENT
NT SATURATED FATTY ACIDS
UNSATURATED FATTY ACIDS
RT CUTIN

fauna (soil)
USE SOIL FAUNA

fava beans
USE FABA BEANS

FAVISM G
BT HUMAN HEALTH
RT BETA-GLYCOSIDES
TOXICITY

FEED CONSTITUENTS G
BT ANIMAL FEEDS
RT CONCENTRATES
MEALS
MINERALS AND NUTRIENTS

FEED MIXTURES G
UF blends
BT ANIMAL FEEDS

feeding regimes
USE DIETARY PATTERNS

FENITROTHION E
UF Agrothion
Cyfen
Folithion
Metathion
Nuvanol
Sumithion
BT ORGANOPHOSPHORUS INSECTICIDES

FENTHION E
UF Baycid
Baytex
Lebaycid
BT ORGANOPHOSPHORUS INSECTICIDES

FERBAM E
UF ferric dimethyldithiocarbamate
BT CARBAMATE FUNGICIDES

ferric dimethyldithiocarbamate
USE FERBAM

fertility (plant)
USE PLANT FERTILITY

fertility (soil)
USE SOIL FERTILITY

FERTILIZATION B
BT PLANT REPRODUCTION
NT CROSS FERTILIZATION
SELF FERTILIZATION
RT PLANT FERTILITY
POLLINATION

FERTILIZER DISTRIBUTORS D
SN Implements for the field distribution of fertilizers
BT FARM IMPLEMENTS
RT FERTILIZERS

FERTILIZER PLACEMENT D
UF placement (fertilizer)
BT LAND PREPARATION
NT PELLETING
RT FERTILIZERS

FERTILIZERS D
BT NUTRITIONAL REQUIREMENTS
NT AGRICULTURAL LIME
NITROGEN FERTILIZERS
PHOSPHATE FERTILIZERS
POTASSIUM FERTILIZERS
RT FERTILIZER DISTRIBUTORS
FERTILIZER PLACEMENT

fertilizers (humate)
USE MANURES

Fervin
USE ALLOXYDIM-SODIUM

FIBRE CONTENT F
BT COMPOSITION
NT CELLULOSE

field beans (Vicia)
USE FABA BEANS

FIELD EXPERIMENTS J
UF plot tests
trials (field)
BT EXPERIMENTS

FILAMENTS B
BT STAMENS

FINCHES E
BT INJURIOUS BIRDS

FINISHING G
BT ANIMAL FEEDS

fixation (carbon)
USE CARBON FIXATION

fixation (nitrogen)
USE NITROGEN FIXATION

FLAILS F
BT THRESHERS

FLAKES F
BT PROCESSED PRODUCTS
RT WET-HEAT PROCESSING

FLAVONOIDS F
BT PHENOLIC CONTENT

flavour
USE PALATABILITY

FLAVOUR RETENTION G
RT PALATABILITY

flies
USE DIPTERA

flora (soil)
USE SOIL FLORA

FLOURS F
BT PROCESSED PRODUCTS
RT BAKED PRODUCTS
MILLING

flower chafers
USE EPICOMETUS

flower stalks
USE PEDICELS

FLOWERING B
UF ANTHESIS
BT DEVELOPMENTAL STAGES
RT FLOWERS
MATURATION

FLOWERS B
BT INFLORESCENCES
NT CARPELS
GYNOECIUM
PEDICELS
PETALS
SEPALS
STAMENS
RT FLOWERING
PERIANTH

FLUAZIFOP-BUTYL E
UF Fusilade
BT HERBICIDES

FLUORINE D
BT MINERALS AND NUTRIENTS
RT TRACE ELEMENTS

FLUORODIFEN E
UF Preforan
BT HERBICIDES

FODDERS G
BT ANIMAL FEEDS
RT SILAGE

FOLIAGE B
NT CANOPY
RT LEAVES

Folidol
USE PARATHION

Folimat
USE OMETHOATE

Folithion
  USE FENITROTHION

folklore
  USE TRADITIONS

Folosan
  USE PCNB

food choice
  USE CONSUMER PREFERENCES

FOOD ENERGY G
  BT DIETARY VALUE
  RT CALORIC VALUE

food-plant range
  USE HOST RANGE

FOOD PRODUCTS G
  BT USES
  NT BAKED PRODUCTS
     BEVERAGES
     CEREAL FOODS
     MEAT SIMULANTS
  RT MEALS
     NUTRITION
     PROCESSED PRODUCTS

food value
  USE NUTRITIVE VALUE

foods (forbidden)
  USE TABOOS

foodstuffs (animal)
  USE ANIMAL FEEDS

foot rots
  USE COLLAR ROTS

FORAGE G
  UF grazing
  BT ANIMAL FEEDS

forbidden foods
  USE TABOOS

Forlin
  USE LINDANE

FORMOTHION E
  UF Aflix
     Anthio
  BT ORGANOPHOSPHORUS INSECTICIDES

Fosfamid
  USE DIMETHOATE

Fosferno
  USE PARATHION

fowl (domestic)
  USE POULTRY

foxtail (green)
  USE SETARIA VIRIDIS

foxtail (slender)
  USE ALOPECURUS MYOSUROIDES

FRANCE K
  BT EUROPE

FRESH PRODUCTS F
  BT PRODUCTS
  NT HAULMS
     HULLS
     VEGETABLES

fructification
  USE FRUITING

FRUCTOSE F
  UF laevulose
  BT HEXOSE SUGARS
  RT SUCROSE

fruit pods
  USE PODS

FRUITING B
  UF fructification
  BT DEVELOPMENTAL STAGES
  RT FRUITS
     MATURATION
     PARTHENOCARPY
     RIPENING

FRUITS B
  BT INFRUCTESCENCES
  NT FUNICLES
     PERICARP
     PODS
  RT CARPELS
     FRUITING
     SEEDS

FULVIA E
  BT FUNGI
  NT FULVIA FULVA

FULVIA FULVA E
  BT FULVIA
  RT SEED SPOILAGE

FUMARIA E
UF fumitories
BT WEED FUMARIACEAE

Fumariaceae (weeds)
USE WEED FUMARIACEAE

Fumarin
USE COUMARFURYL

FUMIGANTS E
BT PESTICIDE FORMULATIONS
PESTICIDES
NT CARBON DISULPHIDE
METHYL BROMIDE
PHOSPHINE
RT FUMIGATION
INSECTICIDES
NEMATICIDES
RODENTICIDES

FUMIGATION E
BT PEST CONTROL METHODS
RT FUMIGANTS

fumitories
USE FUMARIA

fungal diseases
USE MYCOSES

FUNGI E
NT ALTERNARIA
ASCOCHYTA
ASPERGILLUS
BOTRYTIS
CERCOSPORA
CHAETOMIUM
COCHLIOBOLUS
COLLETOTRICHUM
CORTICIUM
ERYSIPHE
FULVIA
FUSARIUM
HELMINTHOSPORIUM
LEVEILLULA
MACROPHOMINA
PENICILLIUM
PERONOSPORA
PHOMA
PYTHIUM
RHIZOCTONIA
RHIZOPUS
SCLEROTINIA
STACHYBOTRYS
STEMPHYLIUM
THANATEPHORUS .....

(FUNGI)
(NT) UROMYCES
VERTICILLIUM
RT ENTOMOGENOUS FUNGI
MYCOSES

fungi (entomogenous)
USE ENTOMOGENOUS FUNGI

FUNGICIDES E
BT PESTICIDES
NT INORGANIC FUNGICIDES
ORGANIC FUNGICIDES
RT DISEASE CONTROL

FUNICLES B
UF seed stalks
stalks (seed)
BT FRUITS
RT HILUM
SEEDS

Furloe
USE CHLOROPROPHAM

FURROW IRRIGATION D
BT IRRIGATION SYSTEMS

FUSARIUM E
BT FUNGI
NT FUSARIUM AVENACEUM
FUSARIUM BATATICOLA
FUSARIUM CULMORUM
FUSARIUM LATERITIUM
FUSARIUM MONILIFORME
FUSARIUM OXYSPORUM
FUSARIUM ROSEUM
FUSARIUM SCRIPI
FUSARIUM SEMITECTUM
FUSARIUM SOLANI
RT ROOT ROT/WILT COMPLEX
SEED SPOILAGE
VASCULAR WILTS

FUSARIUM AVENACEUM E
BT FUSARIUM
NT FUSARIUM AVENACEUM ACUMINATUM

FUSARIUM AVENACEUM ACUMINATUM
BT FUSARIUM AVENACEUM

FUSARIUM BATATICOLA E
BT FUSARIUM

FUSARIUM CULMORUM E
BT FUSARIUM

FUSARIUM LATERITIUM E
BT FUSARIUM

FUSARIUM MONILIFORME E
BT FUSARIUM

Fusarium orthoceras
USE FUSARIUM OXYSPORUM ORTHOCERAS

FUSARIUM OXYSPORUM E
BT FUSARIUM
NT FUSARIUM OXYSPORUM LENTIS
FUSARIUM OXYSPORUM ORTHOCERAS

FUSARIUM OXYSPORUM LENTIS E
BT FUSARIUM OXYSPORUM

FUSARIUM OXYSPORUM ORTHOCERAS E
UF Fusarium orthoceras
BT FUSARIUM OXYSPORUM

FUSARIUM ROSEUM E
BT FUSARIUM
RT ROOT ROTS

FUSARIUM SCRIPI E
BT FUSARIUM

FUSARIUM SEMITECTUM E
BT FUSARIUM

FUSARIUM SOLANI E
BT FUSARIUM
NT FUSARIUM SOLANI FABAE
RT ROOT ROTS

FUSARIUM SOLANI FABAE E
BT FUSARIUM SOLANI

Fusilade
USE FLUAZIFOP-METHYL

GALACTOSE F
BT HEXOSE SUGARS

GALIUM E
BT WEED RUBIACEAE
NT GALIUM TRICORNE

GALIUM TRICORNE E
UF bedstraw (rough)
BT GALIUM

gall midges
  USE CECIDOMYIIDAE

Gamaphex
  USE LINDANE

GAMETES C
  RT GENETICS
  OVULES
  POLLEN
  ZYGOTES

gamma-BHC
  USE LINDANE

gamma-irradiation
  USE IRRADIATION

Gammalin
  USE LINDANE

Ganocide
  USE DRAZOXOLONE

Gardona
  USE TETRACHLORVINPHOS

Gebutox
  USE DINOSEB

GEESE G
  UF goose
  BT POULTRY

GENERATIONAL STERILITY C
  BT STERILITY
  RT MALE STERILITY

GENE POOLS C
  BT GENETIC RESOURCES

GENES C
  BT GENETICS
  NT COMPLEMENTARY GENES
  DUPLICATE GENES
  LETHAL GENES
  MAJOR GENES
  MODIFYING GENES
  POLYGENES
  POLYMERIC GENES
  SUPERGENES
  RT ALLELES
  CHROMOSOME MANIPULATION
  CHROMOSOMES
  GENOTYPES
  INHERITANCE

GENETIC CODE C
UF code (genetic)
BT GENETIC TRANSFORMATION
RT AMINO ACIDS
MESSENGER RNA
NUCLEOTIDES
PROTEIN SYNTHESIS

GENETIC ELEMENTS C
NT EPISOMES
PLASMIDS
RT GENETICS

GENETIC RESOURCES C
UF resources (genetic)
NT GENE POOLS
RT GERMPLASM
PLANT INTRODUCTION

GENETIC TRANSFORMATION C
NT GENETIC CODE
RT GENETICS

GENETICS C
NT GENES
RT BREEDING
CYTOGENETICS
GAMETES
GENETIC ELEMENTS
GENETIC TRANSFORMATION
GERMPLASM

GENOMES C
RT CHROMOSOMES

GENOTYPES D
RT AGRONOMIC CHARACTERS
GENES

geography (plant)
USE PLANT GEOGRAPHY

GEOMETRIDAE E
UF inch worms
loopers
BT LEPIDOPTERA
NT GYMNOSCELIS

Geraniaceae (weeds)
USE WEED GERANIACEAE

GERANIUM E
BT WEED GERANIACEAE
NT GERANIUM TUBEROSUM

GERANIUM TUBEROSUM E
UF cranesbill (tuberous)
BT GERANIUM

germ plasm
USE GERMPLASM

GERMAN DEMOCRATIC REPUBLIC K
UF DDR
East Germany
BT EUROPE

GERMAN FEDERAL REPUBLIC K
UF DBR
West Germany
BT EUROPE

GERMINABILITY B
BT GERMINATION
RT SEED QUALITY

GERMINATION B
BT DEVELOPMENTAL STAGES
NT GERMINABILITY
RT PLANT FERTILITY
PLANT TOXINS
SEEDS

GERMPLASM C
UF germ plasm
RT GENETIC RESOURCES
GENETICS
LAND RACES

Gesatop
USE SIMAZINE

GIBBERELLINS B
BT PLANT GROWTH SUBSTANCES

GIZA 3 C
BT FABA BEAN CULTIVARS

GIZA 4 C
BT FABA BEAN CULTIVARS

GIZA 9 C
BT LENTIL CULTIVARS

GLADIOLUS E
BT WEED IRIDACEAE
NT GLADIOLUS ALEPPICUS

GLADIOLUS ALEPPICUS E
BT GLADIOLUS

glasshouse experiments
USE GREENHOUSE EXPERIMENTS

GLUCOSE F
UF dextrose
BT HEXOSE SUGARS
RT MALTOSE
SUCROSE

GLUTAMIC ACID F
BT AMINO ACIDS

GLUTAMINE F
BT AMINO ACIDS

GLYCERIDES F
BT FAT CONTENT

GLYCINE F
BY AMINO ACIDS

GLYCOSIDES F
BT PHENOLIC CONTENT

glycosides (beta)
USE BETA-GLYCOSIDES

GLYCYRRHIZA E
BT WEED LEGUMINOSAE
NT GLYCYRRHIZA GLABRA

GLYCYRRHIZA GLABRA E
UF liquorice
BT GLYCYRRHIZA

GLYPHOSATE E
UF Lancer
Roundup
BT HERBICIDES

GOATS G
BT LIVESTOCK

GOLGI APPARATUS C
BT CELL STRUCTURE
RT DICTYOSOMES
ENDOPLASMIC RETICULUM

goose
USE GEESE

goosefoot (maple-leaved)
USE CHENOPODIUM OPULIFOLIUM

Gossypium
USE COTTON

government departments
USE INSTITUTIONS

GRADIENT D
BT SITE FACTORS

GRADING F
BT PRODUCT QUALITY
RT PARTICLE SIZE
PROTEIN CONTANT

grain silos
  USE SILOS

GRAIN STORAGE F
  BT STORAGE

GRAIN YIELD H
  UF seed yield
  yield (grain)
  yield (seed)
  BT YIELDS
  NT SEED WEIGHT

GRAINS F
  BT DRIED PRODUCTS

Gramineae (weeds)
  USE WEED GRAMINEAE

Gramoxone
  USE PARAQUAT

GRANA C
  BT CHLOROPLASTS

granaries
  USE STOREROOMS

GRANULES E
  BT PESTICIDE FORMULATIONS

grape-hyacinth (clustered)
  USE MUSCARI RACEMOSUM

grape-hyacinth (purple)
  USE MUSCARI COMOSUM

grasses (weed)
  USE WEED GRAMINEAE

GRASSHOPPERS E
  BT ACRIDIDAE

grazing
  USE FORAGE

greasy cutworm
  USE AGROTIS IPSILON

Great Britain
  USE UNITED KINGDOM

GREECE K
  BT EUROPE

GREEN MANURES D
  SN Crops incorporated while green in soil to improve fertility
  BT MANURES

green mulches
  USE LIVE MULCHES

green peach aphid
  USE MYZUS PERSICAE

green stink bug
  USE NEZARA VIRIDULA

greenflies
  USE APHIDS

GREENHOUSE EXPERIMENTS J
  UF experiments (greenhouse)
      glasshouse experiments
  BT RESEARCH

grey cotton thrips
  USE CALIOTHRIPS SUDANENSIS

grinders
  USE MILLS

grinding
  USE MILLING

growing points
  USE APICAL MERISTEMS

growing seasons
  USE SEASONS

GROWTH B
  BT PLANT DEVELOPMENT
  RT CELL DIVISION
      DIFFERENTIATION
      PLANT GROWTH SUBSTANCES

GROWTH-CHAMBER EXPERIMENTS J
  UF experiments (growth-chamber)
  BT LABORATORY EXPERIMENTS

growth-form
  USE PLANT HABIT

growth regulators
  USE PLANT GROWTH SUBSTANCES

GRYLLOTALPA E
  UF crickets (mole)
      mole crickets
  BT ORHTOPTERA

GUANINE C
  BT PURINES
  RT DNA

GUATEMALA K
  BT CENTRAL AMERICA

Gusathion
  USE AZINPHOS-METHYL

Guthion
  USE AZINPHOS-METHYL

GYMNOSCELIS E
  BT GEOMETRIDAE
  NT GYMNOSCELIS PUMILATA

GYMNOSCELIS PUMILATA E
  BT GYMNOSCELIS

gynaecium
  USE GYNOECIUM

GYNOECIUM B
  UF gynaecium
     pistil
  BT FLOWERS
  NT OVARIES
     STIGMA
     STYLE
  RT CARPELS

Gypsophila vaccaria
  USE VACCARIA PYRIMIDATA

habit (plant)
  USE PLANT HABIT

habits (insect or mite)
  USE INSECT BEHAVIOUR

haemagglutinins
  USE LECTINS

HAIRS B
  BT EPIDERMIS

hairs (root)
  USE ROOT HAIRS

hand harvesting
  USE PICKING

HAND POLLINATION C
  RT POLLINATION

hand weeding
  USE WEEDING

HANDLING F
RT DISTRIBUTION

HARES E
BT INJURIOUS MAMMALS

HARROWING D
BT TILLING
RT HARROWS
RAKING

HARROWS D
BT CULTIVATION EQUIPMENT
RT HARROWING

HARVESTING D
UF reaping
NT MECHANIZED HARVESTING
PICKING
THRESHING
RT CULTIVATION
DETERMINACY
HARVESTING EQUIPMENT

HARVESTING EQUIPMENT D
BT FARM IMPLEMENTS
RT HARVESTING

HAULMS F
BT FRESH PRODUCTS
RT ANIMAL FEEDS
STEMS

HEALTH G
NT ANIMAL HEALTH
HUMAN HEALTH
RT MALNUTRITION
TOXICOLOGY

heat
USE TEMPERATURE

HEATING F
BT PROCESSING
RT DRY-HEAT PROCESSING
TOASTING
TRYPSIN INHIBITION
WET-HEAT PROCESSING

HELIOTHIS E
BT NOCTUIDAE
NT HELIOTHIS ARMIGERA
HELIOTHIS PELTIGERA

HELIOTHIS ARMIGERA E
BT HELIOTHIS

HELIOTHIS PELTIGERA E
BT HELIOTHIS

HELMINTHOSPORIUM E
BT FUNGI
RT SEED SPOILAGE

hemagglutinins
USE HAEMAGGLUTININS

HEMIPTERA E
BT PEST INSECTS
NT HETEROPTERA
HOMOPTERA

HERBICIDES E
UF weedkillers
NT ALLOXYDIM-SODIUM
BARBAN
BENTAZONE
BENZOYLPROP
BROMOPHENOXIM
BROMOXYNIL
CARBETAMIDE
CARBOFLUORFEN
CHLORBROMURON
CHLOROPROPHAM
CYANAZINE
2,4-D
2,4-D AMINE
DALAPON
DIALLATE
DICLOFOP
DIFENZOQUAT
DINOSEB
DINOSEB ACETATE
DIPHENAMID
FLUAZIFOP-BUTYL
FLUORODIFEN
GLYPHOSATE
LINURON
MCPA
METHABENZTHIAZURON
PARAQUATE
PENIMETHALIN
PRONAMIDE
SIMAZINE
SULPHURIC ACID
TCA
TERBUTRYNE
TRIALLATE
TRIFLURALIN
RT PESTICIDES
PLANT GROWTH SUBSTANCES
WEED CONTROL

heritability
USE INHERITANCE

HETERODERA E
BT NEMATODES

HETEROPTERA E
BT HEMIPTERA
NT CAMPYLOMA
CREONTIADES
JACOBIASCA
NEZARA
TAYLORILYGUS

heterosis
USE HYBRID VIGOUR

HETEROZYGOTES C
BT ZYGOTES

hexadecanoic acid
USE PALMITIC ACID

Hexavin
USE CARBARYL

HEXOSE SUGARS F
BT SUGARS
NT FRUCTOSE
GALACTOSE
GLUCOSE
RT PHOSPHOGLYCERIC ACID

HHDN
USE ALDRIN

high-protein
USE PROTEIN CONTENT

HILUM B
BT SEEDS
RT FUNICLES

HIPPOCREPIS E
UF vetch (horseshoe)
BT WEED LEGUMINOSAE
NT HIPPOCREPIS UNISILIQUOSA

HIPPOCREPIS UNISILIQUOSA E
BT HIPPOCREPIS

HISTIDINE F
BT AMINO ACIDS

histology (plant)
USE PLANT TISSUES

HISTORY A
RT PLANT GEOGRAPHY
TRADITIONS

HOEING D
BT CULTIVATION
RT DRY MULCHES .....

(HOEING)
(RT) HOES
TILLING
WEEDING

HOES D
BT CULTIVATION EQUIPMENT
RT CULTIVATORS
HOEING

hogs
USE SWINE

Holland
USE NETHERLANDS

HOME ECONOMICS G
UF economics (home)
household economics
NT COOKING
RT HOUSEHOLD STORAGE
HUMAN HEALTH
SOCIAL ASPECTS

HOMOPTERA E
BT HEMIPTERA
NT APHIDS
BEMISIA
EMPOASCA
ERYTHRONEURA
ZYGINA

HOMOZYGOTES C
BT ZYGOTES

HONEYBEES B
UF Apis mellifera
BT BEES

HORDEUM E
UF barley (wild)
BT WEED GRAMINEAE
NT HORDEUM MURINUM

Hordeum leporinum
USE HORDEUM MURINUM

HORDEUM MURINUM E
UF Hordeum leporinum
BT HORDEUM

Hordeum sativum
USE BARLEY

hormones (plant)
USE PLANT GROWTH SUBSTANCES

horse beans (Vicia)
USE FABA BEANS

HORSES G
UF ponies
BT LIVESTOCK

HOST-PLANT RESISTANCE C
UF resistance (disease)
resistance (heat)
resistance (infection or infestation)
resistance (plant)
BT BREEDING AIMS
NT DROUGHT TOLERANCE
RT BIOLOGICAL CONTROL
DISEASE CONTROL
PEST CONTROL
TEMPERATURE

HOST RANGE E
UF alternative hosts
food-plant range
RT INSECT BIONOMICS

household economics
USE HOME ECONOMICS

HOUSEHOLD STORAGE F
BT STORAGE
RT HOME ECONOMICS

HUDEIBA 72 C
BT FABA BEAN CULTIVARS

HULLS F
SN Legume pods after seed removal
UF shells
BT FRESH PRODUCTS
RT ANIMAL FEEDS
DEHULLING
PODS

HUMAN HEALTH G
BT HEALTH
NT FAVISM
RT DEFICIENCY DISEASES
HOME ECONOMICS
PUBLIC HEALTH

HUMAN PHYSIOLOGY G
UF physiology (human)
RT BIOCHEMISTRY
NUTRITION
TOXICOLOGY

humate fertilizers
USE MANURES

humble bees
USE BUMBLE BEES

HUMIFICATION D
RT MANURES
ORGANIC MATTER

HUNGARY K
BT EUROPE

HURANI 1 C
BT LENTIL CULTIVARS

HYBRID VIGOUR C
UF heterosis
BT BREEDING METHODS
RT F1 HYBRIDS

hybridisation
USE HYBRIDIZING

HYBRIDIZING C
UF hybridisation
BT BREEDING
RT CROSSBREEDING
HYBRIDS

HYBRIDS C
NT F1 HYBRIDS
RT CULTIVARS
HYBRIDIZING

HYDRATING F
BT PROCESSING

HYDROGEN B
RT HYDROGENASE

HYDROGEN-ION CONCENTRATION D
UF acidity
alkalinity
pH
RT SOIL REACTIONS
STRESS FACTORS

HYDROGENASE B
BT ENZYMES
RT HYDROGEN
NODULATION EFFECTIVITY

HYMENOCARPOS E
BT WEED LEGUMINOSAE
NT HYMENOCARPOS CIRCINNATUS

HYMENOCARPOS CIRCINNATUS E
UF medick (circular)
BT HYMENOCARPOS

HYPERA E
BT COLEOPTERA
NT HYPERA POSTICA

HYPERA POSTICA E
UF alfalfa weevil
BT HYPERA

Hypericaceae (weeds)
USE WEED HYPERICACEAE

HYPERICUM E
BT WEED HYPERICACEAE
NT HYPERICUM CRISPUM

HYPERICUM CRISPUM E
UF St John's Wort (curled-leaved)
BT HYPERICUM

HYPOCOTYL B
BT SEEDLINGS
RT STEMS

IDENTIFICATION A
UF botanical keys
keys (botanical)
plant identification
RT TAXONOMY

Igran
USE TERBUTRYNE

ILB 1811 C
BT FABA BEAN CULTIVARS

ILB 1816 C
BT FABA BEAN CULTIVARS

Illoxan
USE DICLOFOP

implements (farm)
USE FARM IMPLEMENTS

importing
USE TRADE

impoverishment (soil)
USE SOIL IMPOVERISHMENT

improvement (convergent)
USE CONVERGENT IMPROVEMENT

improvement (yield)
USE YIELD INCREASE

INBREEDING C
BT BREEDING
RT SELFING

inch worms
USE GEOMETRIDAE

INCOME H
BT ECONOMICS

INCOMPATIBILITY C
SN Pollination failure within an otherwise freely interbreeding group
UF pollen incompatibility
BT BREEDING METHODS
RT MORPHOLOGICAL STERILITY
POLLINATION

INDETERMINATE VARIETIES D
SN Cultivars that require harvesting in multiple pickings
BT DETERMINACY

INDIA K
BT ASIA

INDUSTRIAL USES G
BT USES

INDUSTRIALIZATION J
BT DEVELOPMENT
RT ECONOMIC POLICIES
MECHANIZATION
WASTE UTILIZATION

INFLORESCENCES B
BT PLANT ANATOMY
NT FLOWERS
RT BUDS
INFRUCTESCENCES

INFORMATION SCIENCE J
NT COMMUNICATION
DOCUMENTATION
INFORMATION SYSTEMS

INFORMATION SYSTEMS J
BT INFORMATION SCIENCE

INFRUCTESCENCES B
BT PLANT ANATOMY
NT FRUITS
RT INFLORESCENCES

INHERITANCE C
UF heritability
NT CYTOPLASMIC INHERITANCE
QUANTITATIVE INHERITANCE
RT BREEDING
GENES
HEREDITY

inheritance (cytoplasmic)
USE CYTOPLASMIC INHERITANCE

inheritance (extra-nuclear)
USE CYTOPLASMIC INHERITANCE

inheritance (non-Mendelian)
USE CYTOPLASMIC INHERITANCE

inheritance (polygenic)
USE QUANTITATIVE INHERITANCE

inheritance (quantitative)
USE QUANTITATIVE INHERITANCE

INJURIOUS BACTERIA E
BT BACTERIA
NT PSEUDOMONAS
RT BACTERIOSES

INJURIOUS BIRDS E
UF birds (injurious)
BT INJURIOUS VERTEBRATES
NT FINCHES
PIGEONS
ROOKS
SPARROWS
STARLINGS
RT BIRD CONTROL

injurious insects
USE PEST INSECTS

INJURIOUS MAMMALS E
UF mammals (injurious)
BT INJURIOUS VERTEBRATES
NT HARES
MICE
MOLE-RATS
RABBITS
RATS
RT RODENT CONTROL

INJURIOUS MOLLUSCS E
UF molluscs (injurious)
BT PESTS
NT SLUGS
SNAILS
RT MOLLUSC CONTROL

INJURIOUS VERTEBRATES E
BT PESTS
NT INJURIOUS BIRDS
INJURIOUS MAMMALS

INOCULATION D
RT RHIZOBIA

INORGANIC FUNGICIDES E
BT FUNGICIDES
NT AMMONIACAL COPPER
BORDEAUX MIXTURE
COPPER HYDROXIDE
COPPER OXIDE
COPPER OXYCHLORIDE SULPHATE
COPPER SULPHATE
ELEMENTAL SULPHUR

INPUT FACTORS H
RT COSTS
LABOUR
PRODUCTION

INSECT AGENTS E
SN Arthropods used in biological control
BT BIOLOGICAL CONTROL
NT PARASITIC INSECTS
PARASITIC MITES
PREDACIOUS INSECTS
PREDACIOUS MITES
RT BENEFICAL ARTHROPODS
ENTOMOLOGY

INSECT BEHAVIOUR E
UF behaviour (insect or mite)
habits (insect or mite)
BT INSECT BIOLOGY

INSECT BIOLOGY E
UF biology (insect or mite)
mite biology
life cycles (insect or mite)
BT ENTOMOLOGY
NT INSECT BEHAVIOUR
INSECT BIONOMICS
INSECT POPULATIONS

INSECT BIONOMICS E
UF bionomics (insect or mite)
mite bionomics
BT INSECT BIOLOGY
RT HOST RANGE

INSECT CONTROL E
UF control (insect)
BT PEST CONTROL
RT INSECTICIDES
PEST INSECTS

insect pests
USE PEST INSECTS

INSECT POLLINATION B
UF entomophily
BT POLLINATION
NT TRIPPING
RT NECTAR
POLLINATING INSECTS

insect pollinators
  USE POLLINATING INSECTS

INSECT POPULATIONS E
  UF mite populations
      population dynamics (insect or mite)
  BT INSECT BIOLOGY

INSECTICIDES E
  BT PESTICIDES
  NT CARBAMATE INSECTICIDES
      ORGANOCHLORINE INSECTICIDES
      ORGANOPHOSPHORUS INSECTICIDES
      PYRETHROID INSECTICIDES
  RT ACARICIDES
      INSECT CONTROL

INSECTS E
  RT BENEFICIAL ARTHROPODS
      ENTOMOLOGY
      PEST INSECTS

insects (beneficial)
  USE BENEFICIAL ARTHROPODS

insects (noxious)
  USE PEST INSECTS

insects (parasitic)
  USE PARASITIC INSECTS

insects (predaceous)
  USE PREDACIOUS INSECTS

INSTITUTIONS J
  UF government departments
      research stations
      university departments

INTEGRATED CONTROL E
  UF control (integrated)
      pest management
  RT BIOLOGICAL CONTROL
      PEST CONTROL
      PEST CONTROL METHODS

INTERCALARY MERISTEMS B
  BT MERISTEMS

INTERMEDIATE HABIT D
  BT PLANT HABIT

INTERNODES B
  BT STEMS

interplanting
  USE MIXED CROPPING

INTERSPECIFIC STERILITY C
UF sterility (interspecific)
BT BREEDING METHODS
RT STERILITY

intoxification
USE TOXICITY

invertase
USE SUCRASE

investigation
USE RESEARCH

IODINE D
BT MINERALS AND NUTRIENTS
RT TRACE ELEMENTS

IRAN K
BT ASIA

IRAQ K
BT ASIA

Ireland (Northern)
USE UNITED KINGDOM

Ireland (Republic of)
USE IRISH REPUBLIC

Iridaceae (weeds)
USE WEED IRIDACEAE

IRISH REPUBLIC K
UF Ireland (Republic of)
BT EUROPE

IRON D
BT MINERALS AND NUTRIENTS
RT TRACE ELEMENTS

IRRADIATION C
UF gamma-irradiation
radiation (gamma)
RT MUTAGENS

IRRIGATION D
UF watering
BT WATER MANAGEMENT
NT IRRIGATION SCHEDULING
IRRIGATION SYSTEMS
RT IRRIGATION EQUIPMENT

IRRIGATION EQUIPMENT D
BT FARM IMPLEMENTS
NT NOZZLES
PIPING
PUMPS
RT IRRIGATION

IRRIGATION SCHEDULING D
BT IRRIGATION
RT TIMING

IRRIGATION SYSTEMS D
BT IRRIGATION
NT FURROW IRRIGATION
SPRINKLER IRRIGATION
SUBSURFACE IRRIGATION
TRICKLE IRRIGATION

ISATIS E
BT WEED CRUCIFERAE
NT ISATIS ALEPPICA

ISATIS ALEPPICA E
BT ISATIS

ISOLATED PROTEINS F
UF protein isolates
BT PROCESSED PRODUCTS
RT MEAT SIMULANTS
PROTEINS

ISOLATION C
SN Protection of plants from unwanted pollination
BT BREEDING METHODS
RT POLLINATION

ISOLEUCINE F
BT AMINO ACIDS

isopropyl-4,4-dibromobenzilate
USE BROMOPROPYLATE

ISOPTERA E
UF termites
BT PEST INSECTS
NT MICROTERMES OBESI

ITALY K
BT EUROPE

Itonididae
USE CECIDOMYIIDAE

JACOBIASCA E
BT HETEROPTERA
NT JACOBIASCA LYBICA

JACOBIASCA LYBICA E
BT JACOBIASCA

JAPAN K
BT ASIA

JORDAN K
BT ASIA

JOURNAL ARTICLES J
BT BIBLIOGRAPHIC FORM

Jugoslavia
USE YUGOSLAVIA

Karathane
USE DINOCAP

Karbofos
USE MALATHION

karyokinesis
USE MITOSIS

katabolism
USE CATABOLISM

KEELS B
SN The two partially united lowest petals
BT PETALS
RT TRIPPING

Kelthane
USE DICOFOL

Kerb
USE PRONAMIDE

keys (botanical)
USE IDENTIFICATION

KHARIF SEASON D
BT SEASONS
RT AUTUMN

KINETIN B
BT CYTOKININS

Kislik-Pul 11
USE WINTERLIK PULL 11

Kislik-yesil 21
USE WINTERLIK YESIL 21

KURDI 1 C
BT LENTIL CULTIVARS

L-9-12 C
BT LENTIL CULTIVARS

Labiatae (weeds)
USE WEED LABIATAE

labor
USE LABOUR

LABORATORY EXPERIMENTS J
UF experiments (laboratory)
BT RESEARCH
NT GROWTH-CHAMBER EXPERIMENTS

LABOUR H
UF labor
manpower
workers
BT ECONOMICS
RT COSTS
INPUT FACTORS

lactoflavin
USE RIBOFLAVIN

laevulose
USE FRUCTOSE

LAIRD C
BT LENTIL CULTIVARS

lakes
USE WATER RESERVOIRS

LAMBS G
BT SHEEP

lambs-quarters
USE CHENOPODIUM ALBUM

LAMPIDES E
BT LYCAENIDAE
NT LAMPIDES BOETICUS

LAMPIDES BOETICUS E
UF bean blue butterfly
blue butterfly (bean)
Cosmolyce baeticus
Lycaena baetica
BT LAMPIDES

Lancer
USE GLYPHOSATE

land clearing
USE CLEARING

LAND PREPARATION D
UF soil preparation
NT CLEARING
FERTILIZER PLACEMENT
PLOUGHING
ROLLING
TILLING
RT CULTIVATION

LAND RACES C
SN wild or primitive forms of cultivated plants
RT CULTIVARS
GERMPLASM

Lannate
USE METHOMYL

Laphygma
USE SPODOPTERA

LATE DEVELOPMENT D
BT SEASONAL DEVELOPMENT

LATHYRUS A/E
BT LEGUMINOSAE-VICIEAE
WEED LEGUMINOSAE
NT LATHYRUS APHACA
LATHYRUS SATIVUS

LATHYRUS APHACA E
BT LATHYRUS

Lathyrus lens
USE LENS CULINARIS

Lathyrus lenticula
USE LENS ERVOIDES

Lathyrus nigricans
USE LENS NIGRICANS

LATHYRUS SATIVUS E
BT LATHYRUS

LATITUDE D
BT SITE FACTORS

LAURIC ACID F
BT SATURATED FATTY ACIDS

leaf
USE LEAVES

LEAF AREA INDEX B
BT LEAVES
RT PHOTOSYNTHETIC AREA

leaf-mining flies
  USE AGROMYZIDAE

leaf roll virus (pea)
  USE PEA LEAF ROLL VIRUS

LEAF SPOTS E
  UF spots (leaf)
  BT MYCOSES
  NT ALTERNARIA LEAF SPOT
     CERCOSPORA LEAF SPOT
  RT BOTRYTIS CINEREA
     CHOCOLATE SPOT

leaf stalks
  USE PETIOLES

LEAVES B
  UF leaf
  BT PLANT ANATOMY
  NT COTYLEDONS
     LEAF AREA INDEX
     PETIOLES
     STIPULES
     STOMATA
  RT FOLIAGE
     MESOPHYLL
     PLANT VASCULAR SYSTEM

leaves (seed)
  USE COTYLEDONS

LEBANON K
  BT ASIA

Lebaycid
  USE FENTHION

LECTINS F
  UF haemagglutinins
     hemagglutinins
  BT PROTEIN CONTENT
  RT ANTINUTRITIONAL FACTORS

LEGUMES A
  UF pulses
  NT FABA BEANS
     LENTILS

legumes (botanical)
  USE PODS

LEGUMINOSAE A
  NT LEGUMINOSAE-VICIEAE
  RT WEED LEGUMINOSAE

Leguminosae (weeds)
  USE WEED LEGUMINOSAE

LEGUMINOSAE-VICIEAE A
BT LEGUMINOSAE
NT CICER
LATHYRUS
LENS
PISUM
VICIA

length (pod)
USE POD LENGTH

LENKA C
BT LENTIL CULTIVARS

LENS A
BT LEGUMINOSAE-VICIEAE
NT LENS CULINARIS
LENS ERVOIDES
LENS MONTBRETII
LENS NIGRICANS
LENS ORIENTALIS

Lens bieberstenii
USE LENS NIGRICANS

LENS CULINARIS A
UF Cicer lens
Ervum camelorum
Ervum lens
Ervum nigrum
Ervum punctatum
Lathyrus lens
Lens culinaris esculenta
Lens esculenta
Lens lens
Lens sativa
Lens vulgaris
Vicia ervum
Vicia lens
BT LENS
NT LENS CULINARIS MACROSPERMA
LENS CULINARIS MICROSPERMA
RT LENTILS

LENS CULINARIS ABYSSINICA A
BT LENS CULINARIS GREX AETHIOPICAE

LENS CULINARIS COPTICUM A
BT LENS CULINARIS GREX AETHIOPICAE

Lens culinaris esculenta
USE LENS CULINARIS

LENS CULINARIS GREX AETHIOPICAE A
BT LENS CULINARIS MICROSPERMA
NT LENS CULINARIS ABYSSINICA
LENS CULINARIS COPTICUM

LENS CULINARIS GREX ASIATICAE A
BT LENS CULINARIS MICROSPERMA

LENS CULINARIS GREX EUROPEAE A
BT LENS CULINARIS MICROSPERMA

LENS CULINARIS GREX INTERMEDIAE A
BT LENS CULINARIS MICROSPERMA

LENS CULINARIS GREX PILOSAE A
BT LENS CULINARIS MICROSPERMA

LENS CULINARIS GREX SUBSPONTANEAE A
BT LENS CULINARIS MICROSPERMA

LENS CULINARIS MACROSPERMA A
BT LENS CULINARIS

LENS CULINARIS MICROSPERMA A
BT LENS CULINARIS
NT LENS CULINARIS GREX AETHIOPICAE
LENS CULINARIS GREX ASIATICAE
LENS CULINARIS GREX EUROPEAE
LENS CULINARIS GREX INTERMEDIAE
LENS CULINARIS GREX PILOSAE
LENS CULINARIS GREX SUBSPONTANEAE

Lens culinaris nigricans
USE LENS NIGRICANS

Lens cyanea
USE LENS ORIENTALIS

LENS ERVOIDES A
UF Cicer ervoides
Ervum hispanicum
Ervum hohenaikerii
Ervum lenticulum
Ervum soloniense Wulf.
Ervum uniflorum
Lathyrus lenticula
Lens lenticula
Vicia lenticula
BT LENS

Lens esculenta
USE LENS CULINARIS

Lens kotschianus
USE LENS MONTBRETII

Lens lens
USE LENS CULINARIS

Lens lenticula
USE LENS ERVOIDES

LENS MONTBRETII A
UF Ervum kostchianus
Lens kostchianus
Vicia bombycina
Vicia montbretii
BT LENS
RT VICIA

LENS NIGRICANS A
UF Ervum himalayense
Ervum leontoides
Ervum nigricans
Ervum soloniense L.
Ervum sylvaticum
Lathyrus nigricans
Lens bieberstenii
Lens culinaris nigricans
Lens tenorei
Vicia lens marschalii
Vicia leontoides
Vicia marschalii
Vicia nigricans
BT LENS

LENS ORIENTALIS A
UF Ervum boissieri
Ervum cyaneum
Ervum orientale
Lens cyanea
Lens schniffspahni
Vicia orientalis
BT LENS

Lens sativa
USE LENS CULINARIS

Lens schniffspahni
USE LENS ORIENTALIS

Lens tenorei
USE LENS NIGRICANS

Lens vulgaris
USE LENS CULINARIS

LENTIL CULTIVARS C
BT CULTIVARS
NT ANICIA
ARAUCANA-INIA
B77
BREWER
CHILEAN 78
ESTON
FAMILY 370
GIZA 9
HURANI 1
KURDI 1
L-9-12 .....

(LENTIL CULTIVARS)
(NT) LAIRD
LENKA
LUNA
MARIETTE
PANT-L-406
PANT-L-639
PRECOZ
PUSA 1
RED CHIEF
T 6
T 36
TEKOA
TREBISOVSKA
WINTERLIK PULL 11
WINTERLIK RED 51
WINTERLIK YESIL 21
WINTERLIK YESIL 31
RT LENTILS

LENTILS A
UF dhal (red)
red dhal
BT LEGUMES
RT LENS CULTINARIS
LENTIL CULTIVARS

LEONTICE E
BT WEED BERBERIDACEAE
NT LEONTICE LEONTOPETALUM

LEONTICE LEONTOPETALUM E
UF lion's leaf
BT LEONTICE

Lepidium draba
USE CARDARIA DRABA

LEPIDOPTERA E
UF butterflies
moths
BT PEST INSECTS
NT GEOMETRIDAE
LYCAENIDAE
NOCTUIDAE
PTEROPHORIDAE
PYRALIDAE
TORTRICIDAE

lesser army worm
USE SPODOPTERA EXIGUA

LETHAL GENES C
BT GENES

LEUCINE F
BT AMINO ACIDS

LEUCOPLASTS C
BT PLASTIDS

LEVEILLULA E
BT FUNGI
NT LEVEILLULA LEGUMINOSARUM
LEVEILLULA TAURICA
RT POWDERY MILDEWS

LEVEILLULA LEGUMINOSARUM E
BT LEVEILLULA

LEVEILLULA TAURICA E
BT LEVEILLULA

librarianship
USE DOCUMENTATION

LIBYA K
BT AFRICA

life cycles (insect or mite)
USE INSECT BIOLOGY

LIGHT D
BT CLIMATIC REQUIREMENTS
NT LIGHT ENERGY
LIGHT INTENSITY
PHOTOPERIOD
RT LIGHT EFFECTS
SHADE

LIGHT EFFECTS D
BT ENVIRONMENTAL EFFECTS
RT DAYLENGTH
LIGHT

LIGHT ENERGY D
UF solar energy
BT LIGHT
RT PHOTOSYNTHESIS
SOLAR RADIATION

LIGHT INTENSITY D
BT LIGHT

LIGNOCERIC ACID F
UF tetracosanoic acid
BT SATURATED FATTY ACIDS

Liliaceae (weeds)
USE WEED LILIACEAE

lime (agricultural)
USE AGRICULTURAL LIME

limits (permitted)
USE PESTICIDE TOLERANCES

LINDANE E
SN Gamma isomer of BHC
UF benzene hexachloride
BHC

(LINDANE)
(UF) Forlin
Gamaphex
gamma-BHC
Gammalin
BT ORGANOCHLORINE INSECTICIDES

LINOLEIC ACID F
BT UNSATURATED FATTY ACIDS

LINOLENIC ACID F
BT UNSATURATED FATTY ACIDS

LINURON E
UF Lorox
BT HERBICIDES

lion's leaf
USE LEONTICE LEONTOPETALUM

lipid content
USE FAT CONTENT

LIPO-PROTEIN F
RT FAT CONTANT
LIPOXYGENASE
PROTEIN CONTENT

lipoxidase
USE LIPOXYGENASE

LIPOXYGENASE B
UF lipoxidase
BT ENZYMES
RT LIPO-PROTEIN
OXYGEN
PALATABILITY

liquorice
USE GLYCYRRHIZA GRALBRA

LIRIOMYZA E
BT AGROMYZIDAE
NT LIRIOMYZA CONGESTA
LIRIOMYZA TRIFOLII

LIRIOMYZA CONGESTA E
BT LIRIOMYZA

LIRIOMYZA TRIFOLII E
UF broadbean fly
BT LIRIOMYZA

LISAEA E
BT WEED UMBELLIFERAE
NT LISAEA SYRIACA

LISAEA SYRIACA E
BT LISAEA

Lithane
  USE 2,4-D

LIVE MULCHES D
  UF green mulches
  BT MULCHES
  RT COVER CROPS

LIVESTOCK G
  UF stock (animal)
  BT DOMESTIC ANIMALS
  NT ASSES
  CAMELS
  CATTLE
  GOATS
  HORSES
  SHEEP
  SWINE
  RT MIXED FARMING

livestock feeds
  USE ANIMAL FEEDS

LIXUS E
  BT COLEOPTERA

LOAMS D
  BT SOILS

location characteristics
  USE SITE FACTORS

LOCUSTS E
  BT ACRIDIDAE

LODGING D
  BT PLANT WEATHERING

LOLIUM E
  BT WEED GRAMINEAE
  NT LOLIUM RIGIDUM
  LOLIUM TEMULENTUM

LOLIUM RIGIDUM E
  UF rye-grass (rigid)
  BT LOLIUM

LOLIUM TEMULENTUM E
  UF darnel
  BT LOLIUM

LONGIDORUS E
  BT NEMATODES

loopers
  USE GEOMETRIDAE

Lorox
  USE LINURON

loss of nutrients
  USE NUTRIENT LOSS

loss of yield
  USE CROP LOSSES

lucerne mosaic
  USE ALFALFA MOSAIC

LUNA C
  BT LENTIL CULTIVARS

lupin (yellow)
  USE LUPINUS LUTEUS

lupins
  USE LUPINUS

LUPINUS E
  UF lupins
  BT WEED LEGUMINOSAE
  NT LUPINUS LUTEUS

LUPINUS LUTEUS E
  UF lupin (yellow)
  BT LUPINUS

Lycaena baetica
  USE LAMPIDES BOETICUS

LYCAENIDAE E
  BT LEPIDOPTERA
  NT LAMPIDES

LYSINE F
  BT AMINO ACIDS

MACROPHOMINA E
BT FUNGI
NT MACROPHOMINA PHASEOLINA

MACROPHOMINA PHASEOLINA E
BT MACROPHOMINA
RT ROOT ROTS
SEED SPOILAGE

Macrosiphum pisum
USE ACYRTHOSIPHON PISUM

MAGNESIUM D
BT MINERALS AND NUTRIENTS
RT SULPHATE OF POTASH-MAGNESIA
TRACE ELEMENTS

MAIZE D
UF corn (N. American usage)
Zea mays
BT CEREALS

MAJOR GENES C
BT GENES

Malaphos
USE MALATHION

MALATHION E
UF Carbophos
Emmatos
Karbofos
Malaphos
Mercaptothion
BT ORGANOPHOSPHORUS INSECTICIDES

MALE STERILITY C
UF sterility (male)
BT BREEDING METHODS
RT GENERATIONAL STERILITY

Malix
USE ENDOSULFAN

MALNUTRITION G
BT NUTRITION
RT ANTINUTRITIONAL FACTORS
HEALTH

Maloran
USE CHLORBROMURON

MALTASE B
BT ENZYMES
RT MALTOSE

MALTOSE F
BT SUGARS
RT GLUCOSE
MALTASE

MALVA E
BT WEED MALVACEAE
NT MALVA ROTUNDIFOLIA

MALVA ROTUNDIFOLIA E
UF mallow (round-leaved)
BT MALVA

Malvaceae (weeds)
USE WEED MALVACEAE

mammals (injurious)
USE INJURIOUS MAMMALS

management (water)
USE WATER MANAGEMENT

MANAGEMENT PRACTICES D
RT AGRONOMY
CULTIVATION
PLANT PROTECTION

MANCOZEB E
UF Dithane M-45
Manzeb
BT CARBAMATE FUNGICIDES
RT MANEB

MANEB E
UF Dithane M-22
manganous ethylenebisdithiocarbamate
BT CARBAMATE FUNGICIDES
RT MANCOZEB

MANGANESE D
BT MINERALS AND NUTRIENTS
RT TRACE ELEMENTS

manganous ethylenebisdithiocarbamate
USE MANEB

manpower
USE LABOUR

MANURES D
UF fertilizers (humate)
humate fertilizers
BT NUTRITIONAL REQUIREMENTS
NT DUNG
GREEN MANURES
RT HUMIFICATION
NITROGEN
ORGANIC MATTER
PHOSPHORUS
POTASSIUM

Manzeb
USE MANCOZEB

MAPS J
UF atlases
BT BIBLIOGRAPHIC FORM

MARIETTE C
BT LENTIL CULTIVARS

marigold (field)
USE CALENDULA ARVENSIS

market
USE CONSUMPTION

MARKETING H
UF selling
NT CONTRACTUAL SELLING
OPEN MARKETING
TRADE
RT DISTRIBUTION
ECONOMICS
PRODUCTION

MATURATION B
BT PLANT DEVELOPMENT
RT FLOWERING
FRUITING

MCPA E
UF Agroxone
methyl-4-chlorophenoxyacetic acid
BT HERBICIDES

MEALS F
SN Feedstufs prepared from faba beans or lentils
BT PROCESSED PRODUCTS
RT FEED CONSTITUENTS
FOOD PRODUCTS

MEAT SIMULANTS G
UF simulated meat
BT FOOD PRODUCTS
RT ISOLATED PROTEINS

MECHANICAL DAMAGE F
UF damage (mechanical)
physical damage
BT DETERIORATION

MECHANIZATION J
RT CULTIVATION
INDUSTRIALIZATION
PROCESSING

MECHANIZED HARVESTING D
BT HARVESTING

MEDICAGO E
BT WEED LEGUMINOSAE
NT MEDICAGO HISPIDA
MEDICAGO LUPULINA
MEDICAGO ROTATA

MEDICAGO HISPIDA E
BT MEDICAGO

MEDICAGO LUPULINA E
UF medick (black)
BT MEDICAGO

MEDICAGO ROTATA E
UF medick (wheel)
BT MEDICAGO

medick (black)
USE MEDICAGO LUPULINA

medick (circular)
USE HYMENOCARPOS CIRCINNATUS

medick (wheel)
USE MEDICAGO ROTATA

MEIOSIS C
UF reduction division
BT CELL DIVISION

MELANAGROMYZA E
BT AGROMYZIDAE
NT MELANAGROMYZA TRIFOLII

MELANAGROMYZA TRIFOLII E
UF Agromyza trifolii
bean fly
BT MELANAGROMYZA

MELILOTUS E
UF clovers (sweet)
sweetclovers
BT WEED LEGUMINOSAE
NT MELILOTUS INDICUS

MELILOTUS INDICUS E
BT MELILOTUS

MELOIDOGYNE E
UF nematodes (root-knot)
root-knot nematodes
BT NEMATODES
NT MELOIDOGYNE INCOGNITA

MELOIDOGYNE INCOGNITA E
BT MELOIDOGYNE

melons (musk)
USE MUSKMELONS

melons (water)
  USE WATERMELONS

MENAZON E
  UF Sayfos
  BT ORGANOPHOSPHORUS INSECTICIDES

mercaptothion
  USE MALATHION

MERISTEMS B
  BT PLANT TISSUES
  NT APICAL MERISTEMS
     CAMBIUM
     INTERCALARY MERISTEMS
  RT CELL DIVISION

MESOPHYLL B
  BT PARENCHYMA
  RT CHLOROPLASTS
     LEAVES
     PHOTOSYNTHESIS

MESSENGER RNA C
  UF MRNA
  BT RNA
  RT GENETIC CODE
     POLYPEPTIDES

Mesurol
  USE METHIOCARB

METABOLISM B
  NT ANABOLISM
     CATABOLISM
  RT PHOTOSYNTHESIS

METAL ORGANIC FUNGICIDES E
  BT ORGANIC FUNGICIDES
  NT COPPER LINEOLATE
     COPPER OLEATE
     PHENYL MERCURIC ACETATE

METALDEHYDE E
  UF Antimilace
     Namekil
  BT MOLLUSCICIDES

Metasystemox
  USE OXYDEMETON-METHYL

Metasystox-R
  USE OXYDEMETON-METHYL

Metathion
  USE FENITROTHION

METHABENZTHIAZURON E
  UF Tribunil
  BT HERBICIDES

METHAMIDOPHOS E
UF Monitor
Tamaron
BT ORGANOPHOSPHORUS INSECTICIDES

METHIDATHION E
UF Supracide
Ultracide
BT ORGANOPHOSPHORUS INSECTICIDES

METHIOCARB E
UF Draza
Mesurol
Metmercapturon
BT BIRD REPELLENTS
CARBAMATE INSECTICIDES
MOLLUSCICIDES

METHIONINE F
BT AMINO ACIDS

METHOMYL E
UF Lannate
Nudrin
BT CARBAMATE INSECTICIDES

METHYL BROMIDE E
UF Profume
BT FUMIGANTS

methyl-4-chlorophenoxyacetic acid
USE MCPA

Metmercapturon
USE METHIOCARB

MEVINPHOS E
UF Duraphos
Phosdrin
Phosfene
BT ORGANOPHOSPHORUS INSECTICIDES

MEXICO K
BT CENTRAL AMERICA
RT NORTH AMERICA

MICE E
UF mouse
BT INJURIOUS MAMMALS

mice control
USE RODENT CONTROL

microbiology (soil)
USE SOIL MICROBIOLOGY

microelements
USE TRACE ELEMENTS

micronizing
  USE DRY-HEAT PROCESSING

micronutrients
  USE TRACE ELEMENTS

MICROPYLES B
  BT OVULES
  RT POLLEN-TUBES

MICROTERMES OBESI E
  BT ISOPTERA

mignonettes
  USE RESEDA

mildew (downy)
  USE DOWNY MILDEWS

mildew (powdery)
  USE POWDERY MILDEWS

Mildex
  USE DINOCAP

MILLING F
  UF grinding
  BT PROCESSING
  RT FLOURS
  MILLS

MILLS F
  UF grinders
  BT PROCESSING EQUIPMENT
  RT MILLING

MINERAL CONTENT F
  BT COMPOSITION
  RT MINERALS AND NUTRIENTS

MINERAL DEFICIENCIES G
  BT DEFICIENCY DISEASES
  RT MINERALS AND NUTRIENTS
  PLANT PHYSIOLOGICAL DISORDERS

MINERALS AND NUTRIENTS D
  SN Elemental nutritional requirements of faba beans, lentils, man and domestic animals
  UF chemical elements
  elements (chemical)
  nutrients
  NT ALUMINIUM
  BORON
  BROMINE
  CALCIUM
  CHLORINE
  CHROMIUM
  COBALT .....

(MINERALS AND NUTRIENTS)
(NT) COPPER
FLUORINE
IODINE
IRON
MAGNESIUM
MANGANESE
MOLYBDENUM
NITROGEN
OXYGEN
PHOSPHORUS
POTASSIUM
SELENIUM
SILICON
SODIUM
STRONTIUM
SULPHUR
TUNGSTEN
VANADIUM
ZINC
RT FEED CONSTITUENTS
MINERAL CONTENT
MINERAL DEFICIENCIES
PLANT NUTRITION

MITE CONTROL E
UF control (mite)
BT PEST CONTROL
RT ACARICIDES
PEST MITES

mite biology
USE INSECT BIOLOGY

mite bionomics
USE INSECT BIONOMICS

mite populations
USE INSECT POPULATIONS

mites (beneficial)
USE BENEFICIAL ARTHROPODS

mites (injurious)
USE PEST MITES

mites (predaceous)
USE PREDACIOUS MITES

mites (red spider)
USE TETRANYCHIDAE

miticides
USE ACARICIDES

MITOCHONDRIA C
UF chondriosomes
BT CYTOPLASMIC ORGANELLES
RT ATP

MITOSIS C
UF karyokinesis
BT CELL DIVISION

MIXED CROPPING D
SN The growing of several crops simultaneously in the same field but not in rows
UF interplanting
stubble crops
BT CULTIVATION SYSTEMS
RT MULTIPLE CROPPING

MIXED FARMING D
SN Cropping, livestock production and possibly other enterprises present within a farming system
BT FARMING SYSTEMS
RT LIVESTOCK

MIXED FERTILIZERS D
BT NITROGEN FERTILIZERS
NT AMMONIUM NITRATE
AMMONIUM SULPHATE NITRATE
CALCIUM AMMONIUM NITRATE
RT AMMONIUM FERTILIZERS
NITRATE FERTILIZERS

MODIFYING GENES C
BT GENES

MOISTURE EFFECTS D
BT ENVIRONMENTAL EFFECTS
RT STORAGE RELATIVE HUMIDITY

MOISTURE TESTS D
BT SEED QUALITY

mole crickets
USE GRYLLOTALPA

MOLE-RATS E
BT INJURIOUS MAMMALS

MOLLUSC CONTROL E
UF control (mollusc)
slug control
snail control
BT PEST CONTROL
RT INJURIOUS MOLLUSCS
MOLLUSCICIDES

MOLLUSCICIDES E
UF slug poisons
snail poisons
BT PESTICIDES
NT METALDEHYDE
METHIOCARB
RT MOLLUSC CONTROL

molluscs (injurious)
USE INJURIOUS MOLLUSCS

MOLUCELLA E
BT WEED LABIATAE
NT MOLUCELLA LAEVIS

MOLUCELLA LAEVIS E
UF bells of Ireland
shell flower
BT MOLUCELLA

MOLYBDENUM D
BT MINERALS AND NUTRIENTS
RT TRACE ELEMENTS

Monitor
USE METHAMIDOPHOS

MONO-AMMONIUM PHOSPHATE D
BT PHOSPHATE FERTILIZERS
RT AMMONIUM FERTILIZERS

Monocron
USE MONOCROTOPHOS

MONOCROTOPHOS E
UF Azodrin
Monocron
Nuvacron
BT ORGANOPHOSPHORUS INSECTICIDES

MONOCULTURE D
SN Repeated growing of the same crop on the same land
BT CULTIVATION SYSTEMS

MONOGRAPHS J
UF books
BT BIBLIOGRAPHIC FORM

MOROCCO K
BT AFRICA

MORPHOGENESIS B
UF embryology (plant)
plant embryology
RT DIFFERENTIATION

MORPHOLOGICAL STERILITY C
BT STERILITY
RT EMASCULATION
INCOMPATIBILITY

morphology (plant)
USE PLANT ANATOMY

Morphothion
USE THIOMETON

mosaic (abutilon)
  USE ABUTILON MOSAIC

mosaic (alflafa)
  USE ALFALFA MOSAIC

mosaic (bean common)
  USE BEAN COMMON MOSAIC VIRUS

mosaic (bean yellow)
  USE BEAN YELLOW MOSAIC

mosaic (broadbean)
  USE BROADBEAN MOSAIC VIRUS

mosaic (broadbean yellow)
  USE BROADBEAN YELLOW MOSAIC

mosaic (cucumber)
  USE CUCUMBER MOSAIC

mosaic (pea)
  USE PEA MOSAIC

mosaic (pea enation)
  USE PEA ENATION MOSAIC

mosaic (pea mottle)
  USE PEA MOTTLE MOSAIC

mosaic (pigeonpea)
  USE PIGEONPEA MOSAIC

moths
  USE LEPIDOPTERA

moths (Noctuid)
  USE NOCTUIDAE

mottle mosaic (pea)
  USE PEA MOTTLE MOSAIC

mottle virus (broadbean)
  USE BROADBEAN MOTTLE VIRUS

mottle virus (red clover)
  USE RED CLOVER MOTTLE VIRUS

mouse
  USE MICE

MRNA
  USE MESSENGER RNA

MULCHES D
  NT DRY MULCHES
     LIVE MULCHES
  RT EVAPORATION SUPPRESSANTS
     MULCHING

MULCHING D
BT CULTIVATION
RT MULCHES

multi-cropping
USE MULTIPLE CROPPING

MULTIPLE CROPPING D
SN The growing of more than one crop in the same field at the same time
UF multi-cropping
BT CULTIVATION SYSTEMS
RT MIXED CROPPING

muriate of potash
USE POTASSIUM CHLORIDE

MUSCARI E
BT WEED LILIACEAE
NT MUSCARI COMOSUM
MUSCARI RACEMOSUM

MUSCARI COMOSUM E
UF grape-hyacinth (purple)
BT MUSCARI

MUSCARI RACEMOSUM E
UF grape-hyacinth (clustered)
BT MUSCARI

MUSKMELONS D
UF cantaloupes
Cucumis melo
melons (musk)
BT ROTATIONAL CROPS

mustard (ball)
USE NESLIA APICULATA

mustard (black)
USE BRASSICA NIGRA

mustard (globe)
USE TEXIERA GLASTIFOLIA

mustard (wild)
USE SINAPIS ARVENSIS

MUTAGENS C
UF chemical mutagens
NT COLCHICINE
ETHYL METHANESULPHONATE
RT IRRADIATION
MUTATION BREEDING

MUTATION C
BT BREEDING
RT MUTATION BREEDING
POLYPLOIDY

MUTATION BREEDING C
BT BREEDING METHODS
RT MUTAGENS
MUTATION

MYCOPLASMOSES E
UF diseases (mycoplasmal)
BT DISEASES

MYCOSES E
UF diseases (fungal)
fungal diseases
BT DISEASES
NT ANTHRACNOSES
ALTERNARIA BLIGHT
ASCOCHYTA BLIGHT
CHOCOLATE SPOT
COLLAR ROTS
DOWNY MILDEWS
LEAF SPOTS
POWDERY MILDEWS
ROOT ROT/WILT COMPLEX
ROOT ROTS
RUSTS
SEED SPOILAGE
STEM ROTS
VASCULAR WILTS
RT FUNGI
STORED PRODUCTS PESTS

Mylabris obtectus
USE ACANTHOSCELIDES OBTECTUS

Mylabris rufimanus
USE BRUCHUS RUFIMANUS

MYRISTIC ACID F
UF tetradecanoic acid
BT SATURATED FATTY ACIDS

MYZUS E
BT APHIDS
NT MYZUS PERSICAE

MYZUS PERSICAE E
UF aphid (green peach)
green peach aphid
BT MYZUS
RT BEAN YELLOW MOSAIC

Namekil
USE METALDEHYDE

naming plants
USE NOMENCLATURE

naphthyl methylcarbamate
USE CARBARYL

natural distribution
USE PLANT GEOGRAPHY

NECTAR B
RT INSECT POLLINATION

Neguvon
USE TRICHLORFON

NEMATICIDES E
BT PESTICIDES
RT FUMIGANTS
NEMATODE CONTROL

NEMATODE CONTROL E
UF control (nematode)
eelworm control
BT PEST CONTROL
RT NEMATICIDES
NEMATODES

NEMATODES E
UF eelworms
BT PESTS
NT ANGUINA
DITYLENCHUS
HETERODERA
LONGIDORUS
MELOIDOGYNE
PARATYLENCHUS
ROTYLENCHUS
TYLENCHORHYNCHUS
RT NEMATODE CONTROL

nematodes (root-knot)
USE MELOIDOGYNE

Neoron
USE BROMOPROPYLATE

NEPAL K
BT ASIA

NESLIA E
BT WEED CRUCIFERAE
NT NESLIA APICULATA

NESLIA APICULATA E
UF mustard (ball)
BT NESLIA

NETHERLANDS K
UF Holland
BT EUROPE

NEW MAMMOTH C
BT FABA BEAN CULTIVARS

Nexion
USE BROMOPROS

NEZARA E
UF stink bugs
BT HETEROPTERA
NT NEZARA VIRIDULA

NEZARA VIRIDULA E
UF green stink bug
BT NEZARA

niacin
USE NICOTINAMIDE

Nicotiana
USE TOBACCO

NICOTINAMIDE F
UF niacin
nicotinic acid
vitamin PP
BT VITAMIN CONTENT

nicotinic acid
USE NICOTINAMIDE

NITRATE FERTILIZERS D
BT NITROGEN FERTILIZERS
NT CALCIUM NITRATE
POTASSIUM NITRATE
SODIUM NITRATE
RT MIXED FERTILIZERS

nitrate of potash
USE POTASSIUM NITRATE

NITROGEN D
BT MINERALS AND NUTRIENTS
RT MANURES
NITROGEN CONTENT
NITROGEN CONVERSION
NITROGEN FERTILIZERS
NITROGEN FIXATION
NITROGENASE

NITROGEN CONTENT F
BT COMPOSITION
NT PROTEIN NITROGEN CONTENT
TOTAL NITROGEN
RT NITROGEN

NITROGEN CONVERSION F
RT NITROGEN
PROTEIN SYNTHESIS
PROTEINS

NITROGEN FERTILIZERS D
BT FERTILIZERS
NT AMIDE FERTILIZERS
AMMONIUM FERTILIZERS
MIXED FERTILIZERS
NITRATE FERTILIZERS
RT NITROGEN

NITROGEN FIXATION D
UF fixation (nitrogen)
RT NITROGEN
RHIZOBIA

nitrogen solubility index
USE NSI

NITROGENASE B
BT ENZYMES
RT NITROGEN
NODULATION EFFECTIVITY

no-tillage
USE ZERO-TILLAGE

Noctuid moths
USE NOCTUIDAE

NOCTUIDAE E
UF moths (Noctuid)
Noctuid moths
BT LEPIDOPTERA
NT AGROTIS
AUTOGRAPHA
HELIOTHIS
SPODOPTERA
TRICHOPLUSIA
XYLENA

NODES B
BT STEMS

NODULATION B
UF nodule formation
root nodulation
BT SYMBIOSIS
NT NODULATION EFFECTIVITY
RT RHIZOBIA
ROOTS

NODULATION EFFECTIVITY B
BT NODULATION
RT HYDROGENASE
NITROGENASE

nodule formation
  USE NODULATION

NOMENCLATURE A
  UF naming plants
     plant names
  RT TAXONOMY

non-mendelian inheritance
  USE CYTOPLASMIC INHERITANCE

NORTH AMERICA K
  BT AMERICA
  NT CANADA
     UNITED STATES OF AMERICA
  RT MEXICO

Northern Ireland
  USE UNITED KINGDOM

NOZZLES D
  BT IRRIGATION EQUIPMENT

NSI F
  UF nitrogen solubility index
  RT PROTEIN CONTENT

Nucidol
  USE DIAZINON

NUCLEIC ACIDS C
  NT DNA
     RNA

NUCLEOLUS C
  BT NUCLEUS
  RT CHROMOSOMES

NUCLEOTIDES C
  RT GENETIC CODE
     PURINES
     PYRIMIDINES
     SUGARS

NUCLEUS C
  BT CELL STRUCTURE
  NT CHROMOSOMES
     NUCLEOLUS
  RT CELL DIVISION

Nudrin
  USE METHOMYL

nut grass
  USE CYPERUS ROTUNDUS

NUTRIENT LOSS G
UF loss of nutrients
BT NUTRITION
RT NUTRITIVE VALUE
PROCESSING

NUTRIENT UPTAKE B
UF uptake of nutrients
BT PLANT NUTRITION
RT TRANSLOCATION

nutrients
USE MINERALS AND NUTRIENTS

NUTRITION G
SN of man and domestic animals in relation to grain-legume diets. For nutrition of crops, use PLANT NUTRITION.
NT ANTINUTRITIONAL FACTORS
CALORIC VALUE
DIETS
MALNUTRITION
NUTRIENT LOSS
NUTRITIVE VALUE
RT ANIMAL FEEDS
ANIMAL PHYSIOLOGY
BIOCHEMISTRY
COOKING
FOOD PRODUCTS
HUMAN PHYSIOLOGY

nutrition (plant)
USE PLANT NUTRITION

NUTRITIONAL REQUIREMENTS D
BT CULTURAL REQUIREMENTS
NT FERTILIZERS
MANURES
TRACE ELEMENTS
RT PLANT NUTRITION
PLANT PHYSIOLOGICAL PROCESSES
SOIL FERTILITY

NUTRITIVE VALUE G
UF food value
BT NUTRITION
NT PER
RT COMPOSITION
DIETARY VALUE
NUTRIENT LOSS

Nuvacron
USE MONOCROTOPHOS

Nuvan
USE DICHLORVOS

Nuvanol
USE FENITROTHION

oats
  USE AVENA

oats (animated)
  USE AVENA STERILIS

OCEANIA K
  NT AUSTRALIA

octadecanoic acid
  USE STEARIC ACID

oil content
  USE FAT CONTENT

OIL EXTRACTION F
  UF extraction (oil)
  BT PROCESSING
  RT EXTRACTORS
     OILS

oil extractors
  USE EXTRACTORS

OILS F
  NT CRUDE OILS
     DEGUMMED OILS
  RT ENDOSPERM
     FAT CONTANT
     OIL EXTRACTION
     PROCESSED PRODUCTS

OLEIC ACID F
  UF cis-9-octadecanoic acid
  BT UNSATURATED FATTY ACIDS

OMETHOATE E
  UF Bayer 45432
     Folimat
  BT ORGANOPHOSPHORUS INSECTICIDES

OMPA
  USE SCHRADAN

OPEN MARKETING H
  BT MARKETING

OPEN POLLINATION C
  RT POLLINATION
     RANDOM MATING

OPHIOMYIA E
  BT AGROMYZIDAE
  NT OPHIOMYIA PHASEOLI

OPHIOMYIA PHASEOLI E
  BT OPHIOMYIA

organelles
  USE CYTOPLASMIC ORGANELLES

ORGANIC FUNGICIDES E
  BT FUNGICIDES
  NT BENOMYL
      CAPTAFOL
      CARBAMATE FUNGICIDES
        NT2 FERBAM
            MANCOZEB
            MANEB
            ZINEB
            ZIRAM
      CARBOXIN
      CHLORONEB
      CHLOROTHALONIL
      DEXON
      DICHLONE
      DICHLOZOLINE
      DICLORAN
      DINOCAP
      DRAZOXOLONE
      ETRIDIAZOL
      METAL ORGANIC FUNGICIDES
        NT2 COPPER LINEOLTE
            COPPER OLEATE
            PHENYL MERCURIC ACETATE
      OXYCARBOXIN
      PCNB
      PYRACARBOLID
      THIABENDAZOLE
      THIRAM

ORGANIC MATTER D
  RT HUMIFICATION
      MANURES
      SOILS

ORGANOCHLORINE INSECTICIDES E
  BT INSECTICIDES
  NT ALDRIN
      DDT
      ENDOSULFAN
      LINDANE

organoleptic properties
  USE PALATABILITY

ORGANOPHOSPHORUS INSECTICIDES E
  BT INSECTICIDES
  NT AZINPHOS-METHYL
      BROMPHOS
      DIAZINON
      DICHLORVOS
      DIMETHOATE
      DISULFOTON
      FENITROTHION
      FENTHION
      FORMOTHION
      MALATHION

(ORGANOPHOSPHORUS INSECTICIDES)
(NT) AZINPHOS
AZINPHOS-METHYL
AZINPHOS-METHYL
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AZINPHOS-METHYL
AZINPHOS-METHYL
AZINPHOS-METHYL

ORIENTATION D
BT SITE FACTORS

origin (plant)
USE CENTER OF ORIGIN

ORNITHINE F
BT AMINO ACIDS

OROBANCHE E
UF broomrapes
BT PARASITIC WEEDS
WEED OROBANCHACEAE
NT OROBANCHE AEGYPTIACA
OROBANCHE CRENATA
OROBANCHE MINOR
OROBANCHE NANA
OROBANCHE RAMOSA

OROBANCHE AEGYPTIACA E
UF broomrape (egyptian)
egyptian broomrape
Orobanche longiflora
Philipea aegyptiaca
BT OROBANCHE

OROBANCHE CRENATA E
UF broomrape (scalloped)
Orobanche klugei
Orobanche pelargonii
Orobanche picta
Orobanche pruinosa
Orobanche segetum
Orobanche speciosa
scalloped broomrape
BT OROBANCHE

Orobanche klugei
USE OROBANCHE CRENATA

Orobanche longiflora
USE OROBANCHE AEGYPTIACA

OROBANCHE MINOR E
BT OROBANCHE

OROBANCHE NANA E
BT OROBANCHE

Orobanche pelargonii
USE OROBANCHE CRENATA

Orobanche picta
USE OROBANCHE CRENATA

Orobanche pruinosa
USE OROBANCHE CRENATA

OROBANCHE RAMOSA E
UF branched broomrape
broomrape (branched)
Philipea ramosa
BT OROBANCHE

Orobanche segetum
USE OROBANCHE CRENATA

Orobanche speciosa
USE OROBANCHE CRENATA

Orobanchaceae (weeds)
USE WEED OROBANCHACEAE

Orthocide
USE CAPTAN

ORTHOPTERA E
BT PEST INSECTS
NT ACRIDIDAE
GRYLLOTALPA

Oryza
USE RICE

OUTBREEDING C
BT BREEDING

OVARIES B
BT GYNOECIUM
NT OVULES
RT PERICARP

OVENS F
BT PROCESSING EQUIPMENT

OVULES B
BT OVARIES
NT MICROPYLES
RT GAMETES

OXYCARBOXIN E
UF dihydro-2-methyl-1,4-oxathiin-3-carboxanilide-4,4-dioxide
Plantvax
BT ORGANIC FUNGICIDES

OXYDEMETON-METHYL E
UF metasystemox
Metasystox-R
BT ORGANOPHOSPHORUS INSECTICIDES

OXYGEN D
BT MINERALS AND NUTRIENTS
RT LIPOXYGENASE
PHOTOSYNTHESIS

PACKAGING F
BT PROCESSING
NT CANNING
RT DISTRIBUTION

PAKISTAN K
BT ASIA

PALATABILITY G
UF flavour
organoleptic properties
taste
BT DIETARY VALUE
RT CONSUMER PREFERENCES
FLAVOUR RETENTION
LIPOXYGENASE

PALMATOXINS B
BT PLANT TOXINS

PALMITIC ACID F
UF hexadecanoic acid
BT SATURATED FATTY ACIDS

PALMITOLEIC ACID F
BT UNSATURATED FATTY ACIDS

Panicum eruciforme
USE BRACHIARIA ERUCIFORMIS

PANT-L-406
BT LENTIL CULTIVARS

PANT-L-639
BT LENTIL CULTIVARS

PAPAVER E
BT WEED PAPAVERACEAE
NT PAPAVER RHOEAS
PAPAVER SYRIACUM

PAPAVER RHOEAS E
UF poppy (corn or field)
BT PAPAVER

PAPAVER SYRIACUM E
UF poppy (Syrian)
BT PAPAVER

Papaveraceae (weeds)
USE WEED PAPAVERACEAE

PARAGUAY K
BT SOUTH AMERICA

PARAQUAT E
UF Gramoxone
Sweep
BT HERBICIDES

PARASITIC INSECTS E
UF insects (parasitic)
BT INSECT AGENTS
RT PARASITISM

PARASITIC MITES E
UF mites (parasitic)
BT INSECT AGENTS
RT PARASITISM

PARASITIC WEEDS E
UF weeds (parasitic)
BT WEEDS
NT CUSCUTA
OROBANCHE
RT PARASITISM

PARASITISM B
BT BIOLOGICAL COMPETITION
RT PARASITIC INSECTS
PARASITIC MITES
PARASITIC WEEDS

PARATHION E
UF Folidol
Fosferno
Thiophos
BT ORGANOPHOSPHORUS INSECTICIDES

PARATYLENCHUS E
BT NEMATODES

PARENCHYMA B
NT CHLORENCHYMA
MESOPHYLL
RT CORTEX
PITH

parsley (bur)
  USE CAUCALIS PLATYCARPOS

parsley (great bur)
  USE TURGENIA LATIFOLIA

PARTICLE SIZE F
  RT GRADING

Parzate-C
  USE ZINEB

PASTA G
  BT BAKED PRODUCTS

Patentkali
  USE SULPHATE OF POTASH-MAGNESIA

PATHOGENS E
  SN Index pathogens under the respective organisms or diseases associated with them.
  RT DISEASES
  TRANSMISSION

pathology (plant)
  USE PLANT PATHOLOGY

PCNB E
  UF Folosan
  pentachloronitrobenzene
  Terraclor
  BT ORGANIC FUNGICIDES

PDI F
  UF protein dispersibility index
  RT PROTEIN CONTENT

pea (purple)
  USE PISUM SATIVUM ELATIUS

pea and bean weevil
  USE SITONA LINEATUS

pea aphid
  USE ACYRTHOSIPHON PISUM

PEA ENATION MOSAIC E
  UF mosaic (pea enation)
  BT VIROSES
  RT ACYRTHOSIPHON PISUM

PEA LEAF ROLL VIRUS E
  UF leaf roll virus (pea)
  PLRV
  BT VIROSES
  RT ACYRTHOSIPHON PISUM
  ACYRTHOSIPHON SESBANIAE
  APHIS CRACCIVORA

pea leaf weevil
  USE SITONA LINEATUS

PEA MOSAIC E
  UF mosaic (pea)
  BT VIROSES
  RT APHIDS

PEA MOTTLE MOSAIC E
  UF mosaic (pea mottle)
    mottle mosaic (pea)
  BT VIROSES
  RT CUSCUTA

peasant's eye
  USE ADONIS AESTIVALIS

PEDICELS B
  UF flower stalks
    stalks (flower)
  BT FLOWERS

PEDOCLIMATIC FACTORS D
  RT CLIMATIC REQUIREMENTS
    SOIL REQUIREMENTS

PEGANUM E
  BT WEED ZYGOPHYLLACEAE
  NT PEGANUM HARMALA

PEGANUM HARMALA E
  UF rue (african)
  BT PEGANUM

PELLETING D
  BT FERTILIZER PLACEMENT
  RT SEED TREATMENT

PENICILLIUM E
  BT FUNGI
  RT SEED SPOILAGE

PENIMETHALIN E
  UF Penoxalin
  BT HERBICIDES

pennycress (field)
  USE THLASPI ARVENSE

Penoxalin
  USE PENIMETHALIN

pentachloronitrobenzene
  USE PCNB

PEPTIDES C
  NT POLYPEPTIDES
  RT AMINO ACIDS
    PROTEIN SYNTHESIS

PER G
UF protein efficiency ratio
BT NUTRITIVE VALUE
RT PROTEIN QUALITY

PERENNIAL WEEDS E
UF weeds (perennial)
BT WEEDS

PERIANTH B
NT CALYX
COROLLA
RT FLOWERS

PERICARP B
BT FRUITS
RT OVARIES

permitted limits
USE PESTICIDE TOLERANCES

PERONOSPORA E
BT FUNGI
NT PERONOSPORA LENTIS
PERONOSPORA VICIAE
RT DOWNY MILDEWS

PERONOSPORA LENTIS E
BT PERONOSPORA

PERONOSPORA VICIAE E
BT PERONOSPORA

Perrisia
USE DASINEURA

PERU K
BT SOUTH AMERICA

PEST CONTROL E
UF control (pest)
BT PLANT PROTECTION
NT BIRD CONTROL
INSECT CONTROL
MITE CONTROL
MOLLUSC CONTROL
NEMATODE CONTROL
RODENT CONTROL
RT BIOLOGICAL CONTROL
ENTOMOLOGY
HOST-PLANT RESISTANCE
INTEGRATED CONTROL
PEST CONTROL METHODS
PESTS

PEST CONTROL METHODS E
UF control methods (pest)
BT PLANT PROTECTION

.....

(PEST CONTROL METHODS)
NT BIOLOGICAL CONTROL
DUSTING
FUMIGATION
PHYSICAL CONTROL
PLANT QUARANTINE
SEED TREATMENT
SOIL TREATMENT
SPRAYING
SYSTEMIC CONTROL
RT DISEASE CONTROL
INTEGRATED CONTROL
PEST CONTROL
PESTICIDE FORMULATIONS

PEST INSECTS E
UF injurious insects
insect pests
insects (noxious)
BT PESTS
NT COLEOPTERA
DIPTERA
HEMIPTERA
ISOPTERA
LEPIDOPTERA
ORTHOPTERA
THYSANOPTERA
RT ENTOMOLOGY
INSECT CONTROL
INSECTS
STORED PRODUCTS PESTS
TRANSMISSION
VECTORS

pest management
USE INTEGRATED CONTROL

PEST MITES E
UF Acari
mites (injurious)
BT PESTS
NT TETRANYCHIDAE
RT ENTOMOLOGY
MITE CONTROL

PESTICIDE EFFECTS E
BT ABIOTIC DISORDERS
NT PHYTOTOXICITY
RT PESTICIDES
RHIZOBIAL REACTIONS

PESTICIDE FORMULATIONS E
UF formulations (pesticide)
NT AEROSOLS
DUSTS
FUMIGANTS
GRANULES
SPRAYS
RT PEST CONTROL METHODS
PESTICIDES

PESTICIDE RESIDUES E
UF residues (pesticide)
RT PESTICIDES

PESTICIDE RESISTANCE E
SN Resistance of injurious organisms to chemical control
UF resistance (of pathogens to pesticides)
resistance (of pests to pesticides)
resistance (of weeds to herbicides)
resistance (pesticide)
RT PESTICIDES

PESTICIDE TOLERANCES E
SN Upper limits of residues or application rates prescribed by law for the use of pesticides on faba beans or lentils. Not the tolerance of organisms to pesticides, for which see PESTICIDE RESISTANCE
UF limits (permitted)
permitted limits
standards of identity
RT PESTICIDES
PUBLIC HEALTH

PESTICIDES E
NT ACARICIDES
FUMIGANTS
FUNGICIDES
INSECTICIDES
MOLLUSCICIDES
NEMATICIDES
REPELLENTS
RODENTICIDES
RT HERBICIDES
PESTICIDE EFFECTS
PESTICIDE FORMULATIONS
PESTICIDE RESIDUES
PESTICIDE RESISTANCE
PESTICIDE TOLERANCES
PLANT PROTECTION
SYSTEMIC CONTROL

Pestox
USE SCHRADAN

PESTS E
NT INJURIOUS MOLLUSCS
INJURIOUS VERTEBRATES
NEMATODES
PEST INSECTS
PEST MITES
RT CROP LOSSES
DISEASES
PEST CONTROL
STORED PRODUCTS PESTS

PET FOODS G
UF cat foods
dog foods
BT ANIMAL FEEDS

PETALS B
BT FLOWERS
NT KEELS
STANDARDS
RT COROLLA

PETIOLES B
UF leaf stalks
stalks (leaf)
BT LEAVES

pH
USE HYDROGEN-ION CONCENTRATION

PHALARIS E
BT WEED GRAMINEAE
NT PHALARIS BRACHYSTACHYS

PHALARIS BRACHYSTACHYS E
UF canary grass (short-spiked)
Phalaris canariensis
BT PHALARIS

Phalaris canariensis
USE PHALARIS BRACHYSTACHYS

pheasant's eye
USE ADONIS AESTIVALIS

PHENANIAPHOSPHATE D
BT PHOSPHATE FERTILIZERS

PHENOLIC CONTENT F
BT COMPOSITION
NT FLAVONOIDS
GLYCOSIDES
TANNINS

PHENOLOGY B
RT CLIMATIC REQUIREMENTS
ECOLOGY
PLANT PHYSIOLOGY

PHENOTYPES D
RT AGRONOMIC CHARACTERS

PHENYL MERCURIC ACETATE E
UF Agrosan
Ceresan Universal
PMA
BT METAL ORGANIC FUNGICIDES

PHENYLALANINE F
BT AMINO ACIDS

Philipea aegyptiaca
USE OROBANCHE AEGYPTIACA

Philipea ramosa
USE OROBANCHE RAMOSA

PHLOEM B
BT VASCULAR TISSUES
RT CAMBIUM

PHLOMIS E
BT WEED LABIATAE
NT PHLOMIS KURDICA

Phlomis (oriental)
USE PHLOMIS KURDICA

PHLOMIS KURDICA E
UF Phlomis (oriental)
BT PHLOMIS

PHOMA E
BT FUNGI
RT SEED SPOILAGE

PHORATE E
UF Rampart
Thimet
Timet
BT ORGANOPHOSPHORUS INSECTICIDES

Phosdrin
USE MEVINPHOS

Phosfene
USE MEVINPHOS

PHOSPHAMIDON E
UF Dimecron
Famfos
BT ORGANOPHOSPHORUS INSECTICIDES

PHOSPHATE FERTILIZERS D
BT FERTILIZERS
NT BASIC SLAG
DI-AMMONIUM PHOSPHATE
DI-CALCIUM PHOSPHATE
MONO-AMMONIUM PHOSPHATE
PHENANIAPHOSPHATE
SUPERPHOSPHATES
RT PHOSPHORUS

PHOSPHINE E
UF Celphos
Delicia
Phostoxin
BT FUMIGANTS
RT ZINC PHOSPHIDE

PHOSPHOGLYCERIC ACID B
RT CARBON DIOXIDE
HEXOSE SUGARS

PHOSPHORUS D
BT MINERALS AND NUTRIENTS
RT MANURES
PHOSPHATE FERTILIZERS

phosphorylation (photosynthetic)
  USE PHOTOPHOSPHORYLATION

Phostoxin
  USE PHOSPHINE

PHOTOPERIOD D
  BT LIGHT
  RT DAYLENGTH
     PLANT DEVELOPMENT

PHOTOPHOSPHORYLATION B
  UF phosphorylation (photosynthetic)
     photosynthetic phosphorylation
  BT PHOTOSYNTHESIS
  RT ADP
     ATP

PHOTOSYNTHESIS B
  BT PLANT PHYSIOLOGICAL PROCESSES
  NT CARBON FIXATION
     PHOTOPHOSPHORYLATION
  RT CHLOROPLASTS
     LIGHT ENERGY
     METABOLISM
     MESOPHYLL
     OXYGEN
     PHOTOSYNTHETIC AREA
     PHOTOSYNTHETIC PIGMENTS
     PLANT ASSIMILATION

PHOTOSYNTHETIC AREA B
  RT LEAF AREA INDEX
     PHOTOSYNTHESIS

photosynthetic phosphorylation
  USE PHOTOPHOSPHORYLATION

PHOTOSYNTHETIC PIGMENTS B
  UF pigments (photosynthetic)
  NT CAROTENOIDS
     CHLOROPHYLLS
  RT PHOTOSYNTHESIS
     THYLAKOIDS

Phygon
  USE DICHLONE

PHYSICAL CONTROL E
  SN Physical, manual or mechanical methods of pest control, as opposed to biological or chemical methods
  BT PEST CONTROL METHODS
  RT PLOUGHING
     ROGUING

physical damage
  USE MECHANICAL DAMAGE

physiological disorders (plant)
  USE PLANT PHYSIOLOGICAL DISORDERS

physiological processes (plant)
  USE PLANT PHYSIOLOGICAL PROCESSES

physiology (animal)
  USE ANIMAL PHYSIOLOGY

physiology (human)
  USE HUMAN PHYSIOLOGY

physiology (plant)
  USE PLANT PHYSIOLOGY

phytogeography
  USE PLANT GEOGRAPHY

PHYTOMYZA E
  BT AGROMYZIDAE
  NT PHYTOMYZA HORTICOLA

PHYTOMYZA HORTICOLA E
  BT PHYTOMYZA

phytopathology
  USE PLANT PATHOLOGY

PHYTOTOXICITY E
  UF plant poisoning
     poisoning (plant)
  BT PESTICIDE EFFECTS

PICKING D
  UF hand harvesting
  BT HARVESTING

PIGEONPEA MOSAIC E
  UF mosaic (pigeonpea)
  BT VIROSES

PIGEONS E
  UF doves
  BT INJURIOUS BIRDS

pigs
  USE SWINE

pigweed (prostrate)
  USE AMARANTHUS BLITOIDES

pimpernel (blue)
  USE ANAGALLIS FEMINA

PIPING D
  BT IRRIGATION EQUIPMENT

PIRIMICARB E
  UF Aphox
     Fernos
     Pirimor
  BT CARBAMATE INSECTICIDES

PIRIMIPHOS-METHYL E
UF Actellic
Blex
Silosan
BT ORGANOPHOSPHORUS INSECTICIDES

pistil
USE GYNOECIUM

PISUM A/E
BT LEGUMINOSAE-VICEAE
WEED LEGUMINOSAE
NT PISUM SATIVUM ELATIUS

Pisum elatius
USE PISUM SATIVUM ELATIUS

PISUM SATIVUM ELATIUS E
UF pea (purple)
Pisum elatius
BT PISUM

PITH B
BT STELE
RT PARENCHYMA

pits (storage)
USE STORAGE PITS

placement (fertilizer)
USE FERTILIZER PLACEMENT

PLANT ANATOMY B
UF anatomy (plant)
morphology (plant)
plant morphology
plant structure
structure (plant)
NT INFLORESCENCES
INFRUTESCENCES
LEAVES
PLANT VASCULAR SYSTEM
ROOTS
SEEDS
STEMS
RT CYTOLOGY
PLANT HABIT

PLANT ASSIMILATION B
UF assimilation (plant)
BT PLANT PHYSIOLOGICAL PROCESSES
RT PHOTOSYNTHESIS
PROTEIN SYNTHESIS

plant classification
USE TAXONOMY

PLANT DEVELOPMENT B
UF development (plant)
BT PLANT PHYSIOLOGY
NT GROWTH
MATURATION
RT DEVELOPMENT STAGES
PHOTOPERIOD
SEASONAL DEVELOPMENT

plant diseases
USE DISEASES

plant embryology
USE DIFFERENTIATION

PLANT EXPLORATION A
UF exploration (plant)
plant hunting
RT PLANT INTRODUCTION

PLANT FERTILITY C
UF fertility (plant)
NT SELF-FERTILITY
STERILITY
RT BREEDING
FERTILIZATION
GERMINATION
PLANT REPRODUCTION

PLANT GEOGRAPHY A
UF distribution (natural)
geography (plant)
natural distribution
phytogeography
NT CENTRE OF ORIGIN
RT ECOLOGY
HISTORY

PLANT GROWTH SUBSTANCES B
UF growth regulators
hormones (plant)
plant hormones
NT ABSCISINS
AUXINS
CYTOKININS
GIBBERELLINS
RT GROWTH
HERBICIDES
PROPAGATION

PLANT HABIT D
UF growth-form
habit (plant)
BT AGRONOMIC CHARACTERS
NT CLIMBING HABIT
ERECT HABIT
INTERMEDIATE HABIT
PROSTRATE HABIT

.....

(PLANT HABIT)
RT HABIT IMPROVEMENT
PLANT ANATOMY
STEMS

plant histology
USE PLANT TISSUES

plant hormones
USE PLANT GROWTH SUBSTANCES

plant hunting
USE PLANT EXPLORATION

plant identification
USE IDENTIFICATION

PLANT INTRODUCTION C
BT BREEDING
RT GENETIC RESOURCES
PLANT EXPLORATION
PLANT QUARANTINE

plant lice
USE APHIDS

plant morphology
USE PLANT ANATOMY

plant movements
USE TROPISMS

plant names
USE NOMENCLATURE

PLANT NUTRITION B
UF nutrition (plant)
BT PLANT PHYSIOLOGY
NT NUTRIENT UPTAKE
RT MINERALS AND NUTRIENTS
NUTRITIONAL REQUIREMENTS

plant origin
USE CENTRE OF ORIGIN

PLANT PATHOLOGY E
UF pathology (plant)
phytopathology
RT DISEASE CONTROL
DISEASES

PLANT PHYSIOLOGICAL DISORDERS B
UF diseases (plant physiological)
disorders (plant physiological)
physiological disorders (plant)
RT ABIOTIC DISORDERS
CROP LOSSES
MINERAL DEFICIENCIES

PLANT PHYSIOLOGICAL PROCESSES B
UF physiological processes (plant)
NT PHOTOSYNTHESIS
PLANT ASSIMILATION
PLANT RESPIRATION
TRANSLOCATION
TRANSPIRATION
RT NUTRITIONAL REQUIREMENTS
PLANT PHYSIOLOGY

PLANT PHYSIOLOGY B
UF physiology (plant)
NT PLANT DEVELOPMENT
PLANT REPRODUCTION
TROPISMS
RT BIOCHEMISTRY
PHENOLOGY
PLANT PHYSIOLOGICAL PROCESSES

plant poisoning
USE PHYTOTOXICITY

PLANT POPULATIONS D
UF populations (plant)
NT ECOLOGY
SPACING

PLANT PROTECTION E
UF crop protection
protection (plant)
NT DISEASE CONTROL
PEST CONTROL
PEST CONTROL METHODS
WEED CONTROL
RT MANAGEMENT PRACTICES
PESTICIDES
PLANT PROTECTION EQUIPMENT

PLANT PROTECTION EQUIPMENT D
BT FARM IMPLEMENTS
RT PLANT PROTECTION

PLANT QUARANTINE E
UF quarantine (plant)
BT PEST CONTROL METHODS
RT PLANT INTRODUCTION

PLANT REPRODUCTION B
UF reproduction (plant)
BT PLANT PHYSIOLOGY
NT ASEXUAL REPRODUCTION
FERTILIZATION
POLLINATION
RT PLANT FERTILITY
PROPAGATION

PLANT RESPIRATION B
UF respiration (plant)
BT PLANT PHYSIOLOGICAL PROCESSES

plant structure
  USE PLANT ANATOMY

plant systematics
  USE TAXONOMY

PLANT TISSUES B
  UF histology (plant)
  plant histology
  tissues (plant)
  NT EPIDERMIS
  MERISTEMS
  STELE
  VASCULAR TISSUES

PLANT TOXINS B
  UF toxins (plant)
  NT AFLATOXINS
  PALMATOXINS
  RT GERMINATION

PLANT VASCULAR SYSTEM B
  UF vascular system (plant)
  BT PLANT ANATOMY
  RT LEAVES
  ROOTS
  STEMS
  TRANSLOCATION
  VASCULAR TISSUES

PLANT WEATHERING D
  UF weathering (plant)
  BT AGRONOMIC CHARACTERS
  NT LODGING
  RT ENVIRONMENTAL EFFECTS

planters (seed)
  USE SEED DRILLS

PLANTING D
  SN For planting seed, use SOWING
  BT CULTIVATION

planting (seed)
  USE SOWING

planting density
  USE SPACING

planting distance
  USE SPACING

Plantvax
  USE OXYCARBOXIN

PLASMIDS C
  BT GENETIC ELEMENTS

PLASTICITY C
SN The ability to compensate for yield reduction at low plant population levels by increased yields per plant
BT BREEDING AIMS
RT YIELD INCREASE

PLASTIDS C
BT CYTOPLASMIC ORGANELLES
NT CHROMOPLASTS
LEUCOPLASTS

plot tests
USE FIELD EXPERIMENTS

PLOUGHING D
UF plowing
BT LAND PREPARATION
RT CULTIVATORS
PHYSICAL CONTROL
PLOUGHS
SPADES

PLOUGHS D
UF plows
BT CULTIVATION EQUIPMENT
RT PLOUGHING

plowing
USE PLOUGHING

plows
USE PLOWS

PLRV
USE PEA LEAF ROLL VIRUS

PLUMULE B
BT EMBRYO
RT COTYLEDONS

Plusia gamma
USE AUTOGRAPHA GAMMA

PMA
USE PHENYL MERCURIC ACETATE

POD CHARACTERS D
BT AGRONOMIC CHARACTERS
NT POD LENGTH
POD SHAPE
SHATTERING
RT PODS

POD LENGTH D
UF length (pod)
BT POD CHARACTERS

POD SHAPE D
BT POD CHARACTERS

pod removal
  USE DEPODDING

pod shattering
  USE SHATTERING

PODS B
  UF fruit pods
     legumes (botanical)
     seed pods
  BT FRUITS
  RT DEPODDING
     HULLS
     POD CHARACTERS

poisoning
  USE TOXICITY

poisoning (plant)
  USE PHYTOTOXICITY

policies (economic)
  USE ECONOMIC POLICIES

policies (pricing)
  USE PRICING POLICIES

policies (research)
  USE RESEARCH POLICIES

POLLEN B
  BT ANTHERS
  RT GAMETES
     POLLEN-TUBES
     POLLINATION

pollen incompatibility
  USE INCOMPATIBILITY

POLLEN-TUBES B
  RT MICROPYLES
     POLLEN

POLLINATING INSECTS B
  UF insect pollinators
  NT BEES
  RT BENEFICIAL ARTHROPODS
     ENTOMOLOGY
     INSECT POLLINATION

POLLINATION B
  BT PLANT REPRODUCTION
  NT INSECT POLLINATION
     SELF POLLINATION
     WIND POLLINATION
  RT FERTILIZATION
     HAND POLLINATION
     INCOMPATIBILITY
     ISOLATION
     OPEN POLLINATION
     POLLEN
     STIGMA

POLLUTION E
UF environmental damage
NT AIR POLLUTION
SOIL POLLUTION
WATER POLLUTION
RT POLLUTION EFFECTS

POLLUTION EFFECTS E
BT ABIOTIC DISORDERS
RT POLLUTION

POLYCROSSES C
RT CULTIVARS

POLYGENES C
BT GENES
RT COMPLEMENTARY GENES

polygenic inheritance
USE QUANTITATIVE INHERITANCE

POLYGONUM E
BT WEED POLYGONACEAE
NT POLYGONUM AVICULARE

POLYGONUM AVICULARE E
BT POLYGONUM

Polygonaceae (weeds)
USE WEED POLYGONACEAE

POLYMERIC GENES C
SN Non-allelic genes of identical, cumulative effect
BT GENES
RT DUPLICATE GENES

POLYPEPTIDES C
BT PEPTIDES
RT MESSENGER RNA

POLYPLOIDY C
BT BREEDING METHODS
RT MUTATION

ponds
USE WATER RESERVOIRS

ponies
USE HORSES

poppy (corn or field)
USE PAPAVER RHOEAS

poppy (Syrian)
USE PAPAVER SYRIACUM

poppy (violet horned)
USE ROEMERIA HYBRIDA

population dynamics (insect or mite)
USE INSECT POPULATIONS

populations (plant)
USE PLANT POPULATIONS

populations (soil)
USE SOIL POPULATIONS

porosity (soil)
USE SOIL POROSITY

PORTUGAL K
BT EUROPE

PORTULACA E
BT WEED PORTULACACEAE
NT PORTULACA OLERACEA

PORTULACA OLERACEA E
UF purslane
BT PORTULACA

Portulacaceae (weeds)
USE WEED PORTULACACEAE

potash fertilizers
USE POTASSIUM FERTILIZERS

POTASSIUM D
BT MINERALS AND NUTRIENTS
RT MANURES
POTASSIUM FERTILIZERS
POTASSIUM NITRATE

POTASSIUM BICARBONATE D
UF bicarbonate of potash
BT POTASSIUM FERTILIZERS

POTASSIUM CHLORIDE D
UF muriate of potash
BT POTASSIUM FERTILIZERS
RT CHLORINE

POTASSIUM FERTILIZERS D
UF potash fertilizers
BT FERTILIZERS
NT POTASSIUM BICARBONATE
POTASSIUM CHLORIDE
POTASSIUM SULPHATE
SULPHATE OF POTASH-MAGNESIA
RT POTASSIUM

POTASSIUM NITRATE D
UF nitrate of potash
BT NITRATE FERTILIZERS
RT POTASSIUM

POTASSIUM SULPHATE D
UF sulphate of potash
BT POTASSIUM FERTILIZERS
RT SULPHUR

potential (productivity)
  USE PRODUCTIVITY POTENTIAL

POTENTILLA E
  BT WEED ROSACEAE

POULTRY G
  UF birds (domestic)
  fowl (domestic)
  BT DOMESTIC ANIMALS
  NT CHICKENS
  DUCKS
  GEESE

POWDERY MILDEWS E
  UF mildew (powdery)
  BT MYCOSES
  RT ERYSIPHE
  LEVEILLULA
  STEMPHYLIUM

PRECOZ C
  BT LENTIL CULTIVARS

PREDACIOUS INSECTS E
  UF insects (predaceous)
  predatory insects
  BT INSECT AGENTS

PREDACIOUS MITES E
  UF mites (predaceous)
  predatory mites
  BT INSECT AGENTS

predatory insects
  USE PREDACIOUS INSECTS

predatory mites
  USE PREDACIOUS MITES

Preforan
  USE FLUORODIFEN

presses (oil)
  USE EXTRACTORS

PRESSURE COOKING F
  UF autoclaving
  cooking (pressure)
  BT PROCESSING
  RT TRYPSIN INHIBITION

PRICE MAINTENANCE H
  BT PRICES
  RT PRICING POLICIES

PRICE STABILIZATION H
  UF stabilization (price)
  BT PRICES

PRICES H
BT ECONOMICS
NT PRICE MAINTENANCE
PRICE STABILIZATION
RT PRICING

PRICING H
RT PRICES
PRICING POLICIES

PRICING POLICIES H
UF policies (pricing)
RT PRICE MAINTENCE
PRICING
SUBSIDIES

Primulaceae (weeds)
USE WEED PRIMULACEAE

Princep
USE SIMAZINE

PROCESSED PRODUCTS F
BT PRODUCTS
NT FLAKES
FLOURS
ISOLATED PROTEINS
MEALS
PROTEIN CONCENTRATES
STARCH PRODUCTS
RT FOOD PRODUCTS
OILS
PROCESSING

PROCESSING F
SN of faba bean or lentil products
NT CENTRIFUGING
CLEANING
DEHULLING
DRY-HEAT PROCESSING
DRYING
HEATING
HYDRATING
MILLING
OIL EXTRACTION
PACKAGING
PRESSURE COOKING
SIEVING
THRESHING
TOASTING
WET-HEAT PROCESSING
RT MECHANIZATION
NUTRIENT LOSS
PROCESSING EQUIPMENT
PROCESSING PLANTS

PROCESSING EQUIPMENT F
NT DRIERS
EXTRACTORS .....

(PROCESSING EQUIPMENT)
(NT) MILLS
OVENS
ROLLERS
THRESHERS
RT PROCESSING

PROCESSING PLANTS F
UF factories
RT PROCESSING

PRODUCT QUALITY F
UF quality (product)
NT GRADING
RT COOKING QUALITY
PRODUCTS

PRODUCTION H
NT SEED PRODUCTION
RT ECONOMIC ASPECTS
INPUT FACTORS
MARKETING

production costs
USE COSTS

PRODUCTIVITY H
NT ENERGY PRODUCTIVITY
RT PRODUCTIVITY POTENTIAL
WASTES
YIELDS

PRODUCTIVITY POTENTIAL H
UF potential (productivity)
RT BREEDING AIMS
PRODUCTIVITY

PRODUCTS F
NT DRIED PRODUCTS
FRESH PRODUCTS
PROCESSED PRODUCTS
RT PRODUCT QUALITY

products (pests of)
USE STORED PRODUCTS PESTS

Profume
USE METHYL BROMIDE

PROGENY TESTING C
RT BREEDING METHODS
EVALUATION

PROLINE F
BT AMINO ACIDS

PRONAMIDE E
UF Kerb
Propyzamide
BT HERBICIDES

PROPAGATION D
RT AGRONOMY
PLANT REPRODUCTION
PROPAGATION MATERIALS
SOWING

PROPAGATION MATERIALS D
NT CUTTINGS
SEED
RT CLONES
PROPAGATION

Proprop
USE DALAPON

Propyzamide
USE PRONAMIDE

PROSTRATE HABIT D
UF sprawling habit
BT PLANT HABIT

PROTANDRY B
SN Maturation of anthers before stigmas
RT ANTHERS
SEQUENCE
STIGMA

PROTEASE INHIBITION G
BT ANTINUTRITIONAL FACTORS

protection (plant)
USE PLANT PROTECTION

PROTEIN CONCENTRATES F
BT PROCESSED PRODUCTS
RT CONCENTRATES
PROTEINS

PROTEIN CONTENT F
UF high-protein
BT COMPOSITION
NT AMINO ACIDS
LECTINS
RT GRADING
LIPO-PROTEIN
NSI
PDI
PROTEIN DEFICINCIES
PROTEIN NITROGEN CONTENT
PROTEIN SYNTHESIS
PROTEINS

PROTEIN DEFICIENCIES G
BT DEFICIENCY DISEASES
RT PROTEIN CONTENT

protein dispersibility index
USE PDI

protein efficiency ratio
  USE PER

protein isolates
  USE ISOLATED PROTEINS

PROTEIN NITROGEN CONTENT F
  BT NITROGEN CONTENT
  RT PROTEIN CONTENT

PROTEIN QUALITY F
  UF quality (protein)
  RT PER
     PROTEINS

PROTEIN SYNTHESIS F
  RT AMINO ACIDS
     CYTOKININS
     GENETIC CODE
     NITROGEN CONVERSION
     PEPTIDES
     PLANT ASSIMILATION
     PROTEIN CONTENT
     PROTEINS

PROTEINS F
  RT ISOLATED PROTEINS
     NITROGEN CONVERSION
     PROTEIN CONCENTRATES
     PROTEIN CONTENT
     PROTEIN QUALITY
     PROTEIN SYNTHESIS
     RIBOSOMES

PROTOGYNY B
  SN Maturation of stigma before anthers
  RT ANTHERS
     SEQUENCE
     STIGMA

Proxol
  USE TRICHLORFON

PSEUDOMONAS E
  BT INJURIOUS BACTERIA
  NT PSEUDOMONAS RADICIPERDA

PSEUDOMONAS RADICIPERDA E
  BT PSEUDOMONAS
  RT ROOT ROTS

PTEROPHORIDAE E
  BT LEPIDOPTERA
  NT EXELASTIS
     SPHENARCHES

PUBLIC HEALTH G
  RT HUMAN HEALTH
     PESTICIDE TOLERANCES

pulses
USE LEGUMES

PUMPS D
BT IRRIGATION EQUIPMENT
RT WELLS

PURINES C
NT ADENINE
GUANINE
RT NUCLEOTIDES

PURITY ANALYSIS D
BT SEED QUALITY

purslane
USE PORTULACA OLERACEA

PUSA 1 C
BT LENTIL CULTIVARS

PYRACARBOLID E
UF Sicarol
BT ORGANIC FUNGICIDES

PYRALIDAE E
BT LEPIDOPTERA
NT ETIELLA ZINCKENELLA

PYRETHROID INSECTICIDES E
BT INSECTICIDES
NT DECAMETHRIN

pyrimidine glucosides
USE BETA-GLYCOSIDES

PYRIMIDINES C
NT CYTOSINE
THYMINE
RT NUCLEOTIDES

PYTHIUM E
BT FUNGI
NT PYTHIUM DEBARYANUM
PYTHIUM ULTIMUM
RT ROOT ROTS

PYTHIUM DEBARYANUM E
BT PYTHIUM

PYTHIUM ULTIMUM E
BT PYTHIUM

quality (cooking)
  USE COOKING QUALITY

quality (product)
  USE PRODUCT QUALITY

quality (protein)
  USE PROTEIN QUALITY

quality (seed)
  USE SEED QUALITY

QUANTITATIVE INHERITANCE C
  UF inheritance (polygenic)
      inheritance (quantitative)
      polygenic inheritance
  BT INHERITANCE

quarantine (plant)
  USE PLANT QUARANTINE

RABBITS E
  BT INJURIOUS MAMMALS

RABI SEASON D
  BT SEASONS
  RT SPRING

Rabon
  USE TETRACHLORVINPHOS

Racumin
  USE COUMATETRALYL

radiation (gamma)
  USE IRRADIATION

radiation (sun)
  USE SOLAR RADIATION

RADICLE B
  BT EMBRYO
  RT ROOTS

radish (wild)
  USE RAPHANUS RAPHANISTRUM

rain (lack of)
  USE DROUGHT

RAINFALL D
NT RAINFALL PATTERNS
RT WATER REQUIREMENTS

RAINFALL PATTERNS D
BT RAINFALL
RT SEASONS

RAKES D
BT CULTIVATION EQUIPMENT
RT RAKING

RAKING D
UF scarification (soil)
soil scarification
BT TILLING
RT HARROWING
RAKES

Rampart
USE PHORATE

RANDOM MATING C
BT BREEDING
RT OPEN POLLINATION

Ranunculaceae (weeds)
USE WEED RANUNCULACEAE

RANUNCULUS E
BT WEED RANUNCULACEAE
NT RANUNCULUS ARVENSIS

RANUNCULUS ARVENSIS E
UF buttercup (corn)
BT RANUNCULUS

RAPHANUS E
BT WEED CRUCIFERAE
NT RAPHANUS RAPHANISTRUM

RAPHANUS RAPHANISTRUM E
UF charlock (white)
radish (wild)
BT RAPHANUS

rat control
USE RODENT CONTROL

rat poisons
USE RODENTICIDES

Ratafin
USE COUMARFURYL

Ratilan
USE COUMCHLOR

RATS E
BT INJURIOUS MAMMALS

reaping
  USE HARVESTING

RECIPROCAL CROSSING C
  UF crossing (reciprocal)
  BT BREEDING

RECOMBINATION C
  BT BREEDING

RECOMMENDED VARIETIES C
  BT CULTIVARS

RED CHIEF C
  BT LENTIL CULTIVARS

RED CLOVER MOTTLE VIRUS E
  UF clover mottle virus (red)
    mottle virus (red clover)
  BT VIROSES

red dhal
  USE LENTILS

red spider mites
  USE TETRANYCHIDAE

redroot
  USE AMARANTHUS RETROFLEXUS

reduction division
  USE MEIOSIS

reduction of yield
  USE CROP LOSSES

refuse
  USE WASTES

relative humidity (storage)
  USE STORAGE RELATIVE HUMIDITY

RELIGION G
  RT TABOOS

REPELLENTS E
  BT PESTICIDES
  NT BIRD REPELLENTS

REPORTS J
  BT BIBLIOGRAPHIC FORM

reproduction (plant)
  USE PLANT REPRODUCTION

RESEARCH J
  UF investigation
  NT DEVELOPMENTAL RESEARCH
    EXPERIMENTS
    RESEARCH POLICIES

RESEARCH POLICIES J
UF policies (research)
BT RESEARCH

research stations
USE INSTITUTIONS

RESEDA E
UF mignonettes
BT WEED RESEDACEAE
NT RESEDA LUTEA

RESEDA LUTEA E
BT RESEDA

Resedaceae (weeds)
USE WEED RESEDACEAE

reservoirs (water)
USE WATER RESERVOIRS

residues (pesticide)
USE PESTICIDE RESIDUES

resistance (disease)
USE HOST-PLANT RESISTANCE

resistance (drought)
USE DROUGHT TOLERANCE

resistance (heat)
USE HOST-PLANT RESISTANCE

resistance (infection or infestation)
USE HOST-PLANT RESISTANCE

resistance (of pathogens to pesticides)
USE PESTICIDE RESISTANCE

resistance (ofpests to pesticides)
USE PESTICIDE RESISTANCE

resistance (of weeds to herbicides)
USE PESTICIDE RESISTANCE

resistance (pesticide)
USE PESTICIDE RESISTANCE

resistance (plant)
USE HOST-PLANT RESISTANCE

resources (genetic)
USE GENETIC RESOURCES

respiration (plant)
USE PLANT RESPIRATION

REVIEW ARTICLES J
SN State-of-the-art reviews; not book reviews
BT BIBLIOGRAPHIC FORM

RHIZOBIA D
UF bacteria (root-nodule)
root-nodule bacteria
BT BENEFICIAL BACTERIA
SOIL FLORA
NT RHIZOBIUM STRAINS
RT INOCULATION
NITROGEN FIXATION
NODULATION
RHIZOBIAL REACTIONS
SEROTYPING

RHIZOBIAL REACTIONS D
NT ANTAGONISTS
RT PESTICIDE EFFECTS
RHIZOBIA

RHIZOBIUM STRAINS D
BT RHIZOBIA

RHIZOCTONIA E
BT FUNGI
NT RHIZOCTONIA SOLANI

RHIZOCTONIA SOLANI E
BT RHIZOCTONIA
RT ROOT ROT/WILT COMPLEX

RHIZOPUS E
BT FUNGI
NT RHIZOPUS NIGRICANS

RHIZOPUS NIGRICANS E
BT RHIZOPUS
RT SEED SPOILAGE

RHIZOSPHERE B
RT ECOLOGY
ROOTS

RIBOFLAVIN F
UF lactoflavin
vitamin B2
vitamin G
BT VITAMINS B

ribonucleic acid
USE RNA

RIBOSE F
BT SUGARS
RT RNA

ribosenucleic acid
USE RNA

RIBOSOMES C
BT CELL STRUCTURE
RT ENDOPLASMIC RETICULUM
PROTEINS
RNA

RICE D
UF Oryza
BT CEREALS

RIPENING B
BT DEVELOPMENTAL STAGES
RT FRUITING

RNA C
UF ribonucleic acid
ribosenucleic acid
BT NUCLEIC ACIDS
NT MESSENGER RNA
TRANSFER RNA
RT CHROMOSOMES
RIBOSE
RIBOSOMES

RODENT CONTROL E
UF control (rodent)
mice control
rat control
BT PEST CONTROL
RT INJURIOUS MAMMALS
RODENTICIDES

RODENTICIDES E
UF rat poisons
BT PESTICIDES
NT CHLOROPHACINONE
COUMACHLOR
COUMARFURYL
COUMATETRALYL
ZINC PHOSPHIDE
RT FUMIGANTS
RODENT CONTROL

Rogor
USE DIMETHOATE

ROGUING C
RT EVALUATION
PHYSICAL CONTROL
SELECTION

ROLLERS D/F
BT CULTIVATION EQUIPMENT
PROCESSING EQUIPMENT
RT ROLLING

ROLLING D
BT LAND PREPARATION
RT ROLLERS

ROMERIA E
BT WEED PAPAVERACEAE
NT ROMERIA HYBRIDA

ROMERIA HYBRIDA E
UF poppy (violet horned)
BT ROMERIA

ROOKS E
BT INJURIOUS BIRDS

ROOT HAIRS B
UF hairs (root)
BT ROOTS

root-knot nematodes
USE MELOIDOGYNE

root nodulation
USE NODULATION

root-nodule bacteria
USE RHIZOBIA

ROOT ROT/WILT COMPLEX E
BT MYCOSES
RT FUSARIUM
RHIZOCTONIA SOLANI
ROOT ROTS
VASCULAR WILTS
VERTICILLIUM

ROOT ROTS E
UF rots (root)
BT MYCOSES
RT FUSARIUM ROSEUM
FUSARIUM SOLANI
MACROPHOMINA PHASEOLINA
PSEUDOMONAS RADICIPERDA
PYTHIUM
ROOT ROT/WILT COMPLEX
THANATEPHORUS CUCUMERIS

ROOTING B
BT DEVELOPMENTAL STAGES
RT ROOTS

ROOTS B
BT PLANT ANATOMY
NT ROOT HAIRS
RT NODULATION
PLANT VASCULAR SYSTEM
RADICLE
RHIZOSPHERE
ROOTING

Rosaceae (weeds)
USE WEED ROSACEAE

ROTATIONAL CROPPING D
UF crop rotation
BT CULTIVATION SYSTEMS
RT ROTATIONAL CROPS

ROTATIONAL CROPS D
SN Includes other summer crops grown in sequences with faba beans or lentils

.....

(ROTATIONAL CROPS)
NT CEREALS
COTTON
MUSKMELONS
SESAME
TOBACCO
WATERMELONS
RT ROTATIONAL CROPPING

rots (collar)
USE COLLAR ROTS

rots (foot)
USE COLLAR ROTS

rots (root)
USE ROOT ROTS

rots (stem)
USE STEM ROTS

ROTYLENCHUS E
BT NEMATODES
NT ROTYLENCHUS RENIFORMIS

ROTYLENCHUS RENIFORMIS E
BT ROTYLENCHUS

Roundup
USE GLYPHOSATE

row distance
USE SPACING

Rozol
USE CHLOROPHACINONE

Rubiaceae (weeds)
USE WEED RUBIACEAE

rue (African)
USE PEGANUM HARMALA

RUMEX E
UF docks
BT WEED POLYGONACEAE

RUN-OFF D
BT WATER MANAGEMENT
RT EROSION

RUSTS E
BY MYCOSES
RT UROMYCES FABAE

rye-grass (rigid)
USE LOLIUM RIGIDUM

saccharase
  USE SUCRASE

saccharose
  USE SUCROSE

safflower (golden)
  USE CARTHAMUS FLAVESCENS

SALINITY D
  RT SOIL REACTIONS

SANDS D
  BT SOILS

Saponaria hispanica
  USE VACCARIA PYRAMIDATA

Sarolex
  USE DIAZINON

SATURATED FATTY ACIDS F
  BT FATTY ACIDS
  NT BEHENIC ACID
  LAURIC ACID
  LIGNOCERIC ACID
  MYRISTIC ACID
  PALMITIC ACID
  STEARIC ACID

Sayfos
  USE MENAZON

scalloped broomrape
  USE OROBANCHE CRENATA

SCANDIX E
  BT WEED UMBELLIFERAE
  NT SCANDIX IBERICA
  SCANDIX PECTEN-VENERIS

SCANDIX IBERICA E
  UF shepherd's needle (Iberian)
  BT SCANDIX

SCANDIX PECTEN-VENERIS E
  UF shepherd's needle
  BT SCANDIX

scarification (soil)
  USE RAKING

SCHRADAN E
  UF OMPA
  Pestox
  Sytam
  BT ORGANOPHOSPHORUS INSECTICIDES

SCLEROTINIA E
BT FUNGI
NT SCLEROTINIA SCLEROTIORUM

SCLEROTINIA SCLEROTIORUM E
BT SCLEROTINIA
RT STEM ROTS

Sclerotium rolfsii
USE CORTICIUM ROLFSII

SCORPIURUS E
BT WEED LEGUMINOSAE
NT SCORPIURUS SUBVILLOSUS

SCORPIURUS SUBVILLOSUS E
UF Scorpiurus sulcata
BT SCORPIURUS

Scorpiurus sulcata
USE SCORPIURUS SUBVILLOSUS

Scotland
USE UNITED KINGDOM

SEASONAL DEVELOPMENT D
UF development (seasonal)
BT AGRONOMIC CHARACTERS
NT EARLY DEVELOPMENT
LATE DEVELOPMENT
RT PLANT DEVELOPMENT
SEASONS

SEASONS D
UF growing seasons
NT AUTUMN
DRY SEASON
KHARIF SEASON
RABI SEASON
SPRING
SUMMER
WET SEASON
WINTER
RT RAINFALL PATTERNS
SEASONAL DEVELOPMENT
TIMING

SECONDARY CROPPING D
BT CULTIVATION SYSTEMS

sedges
USE WEED CYPERACEAE

SEED D
SN Seeds for sowing or propagation; as a phase in the life of a plant, use SEEDS
NT CERTIFIED SEED
SEED CHARACTERS .....

(SEED)
RT BREEDING
SEED PRODUCTION
SEEDS
SOWING

seed bed
USE SEEDBED

SEED CHARACTERS D
BT SEED
NT SEED COLOUR
SEED QUALITY
SEED SHAPE
SEED SIZE

seed-coat
USE TESTA

SEED COLOUR D
UF colour (seed)
BT SEED CHARACTERS

seed dressing
USE SEED TREATMENT

SEED DRILLS D
UF drills (seed)
planters (seed)
BT SOWING EQUIPMENT

seed-germ
USE EMBRYO

seed leaves
USE COTYLEDONS

seed pods
USE PODS

SEED PRODUCTION H
BT PRODUCTION
RT SEED

SEED QUALITY D
UF quality (seed)
BT SEED CHARACTERS
NT MOISTURE TESTS
PURITY ANALYSIS
SEED VIABILITY
RT GERMINABILITY

SEED SHAPE D
UF shape (seed)
BT SEED CHARACTERS

SEED SIZE D
UF size (seed)
BT SEED CHARACTERS

SEED SPOILAGE E
UF spoilage (seed)
BT MYCOSES
RT ALTERNARIA
ASPERGILLUS
BOTRYTIS CINEREA
CHAETOMIUM
COCHLIOBOLUS LUNATUS
CORTICIUM ROLFSII
FULVIA FULVA
FUSARIUM
HELMINTHOSPORIUM
MACROPHOMINA PHASEOLINA
PENICILLIUM
PHOMA
RHIZOPUS NIGRICANS
STACHYBOTRYS
STORED PRODUCTS PESTS
THANATEPHORUS CUCUMERIS

seed stalks
USE FUNICLES

SEED STORAGE F
BT STORAGE
RT SEED VIABILITY

SEED TREATMENT E
UF dressing (seed)
seed dressing
BT PEST CONTROL METHODS
RT PELLETING

SEED VIABILITY D
UF viability (seed)
BT SEED QUALITY
RT SEED STORAGE

seed weevil
USE APION ARROGANS

SEED WEIGHT H
UF weight (seed)
BT GRAIN YIELD

seed yield
USE GRAIN YIELD

SEEDBED D
UF seed bed
RT SOWING
TILTH

seedbed preparation
USE TILLING

seeders
USE SOWING EQUIPMENT

seeding
USE SOWING

SEEDING RATES D
BT SOWING

seedling emergence
USE EMERGENCE

SEEDLINGS B
BT DEVELOPMENTAL STAGES
NT EPICOTYL
HYPOCOTYL
RT COTYLEDONS
EMBRYO
EMERGENCE

SEEDS B
SN Seeds as a phase on the life of a plant; use SEED for crop propagation material
BT PLANT ANATOMY
NT CARUNCLE
EMBRYO
ENDOSPERM
HILUM
TESTA
RT FRUITS
FUNICLES
GERMINATION
SEED

SEGREGATION C
BT BREEDING

SELECTION C
BT BREEDING
RT EVALUATION
ROGUING

SELENIUM D
BT MINERALS AND NUTRIENTS
RT TRACE ELEMENTS

SELF-FERTILITY C
BT PLANT FERTILITY
RT SELF POLLINATION

SELF FERTILIZATION B
BT FERTILIZATION
RT SELF POLLINATION
SELFS

SELF POLLINATION B
BT POLLINATION
RT SELF FERTILIZATION
SELFING

SELFING C
BT BREEDING
RT INBREEDING
SELF POLLINATION
SELFS

SELFS C
RT SELF FERTILIZATION
SELFING

selling
USE MARKETING

SEPALS B
BT FLOWERS
RT CALYX

SEQUENCE D
RT PROTANDRY
PROTOGYNY
TIMING

SEROTYPING D
RT RHIZOBIA

SESAME D
UF Sesamum indicum
BT ROTATIONAL CROPS

Sesamum indicum
USE SESAME

SETARIA E
BT WEED GRAMINEAE
NT SETARIA VIRIDIS

SETARIA VIRIDIS E
UF foxtail (green)
BT SETARIA

SEVILLE GIANT C
BT FABA BEAN CULTIVARS

Sevin
USE CARBARYL

SHADE D
RT LIGHT

shape (seed)
USE SEED SHAPE

SHATTERING D
UF pod shattering
BT POD CHARACTERS
RT CROP LOSSES

SHEEP G
BT LIVESTOCK
NT LAMBS

shell flower
USE MOLUCELLA LAEVIS

shelling
USE DEHULLING

shells
  USE HULLS

shepherd's needle
  USE SCANDIX PECTEN-VENERIS

shepherd's needle (Iberian)
  USE SCANDIX IBERICA

shepherd's purse
  USE CAPSELLA BURSA-PASTORIS

SHOOTS B
  RT BUDS
     STEMS

SIEVING F
  UF sifting
  BT PROCESSING

sifting
  USE SIEVING

signal grass
  USE BRACHIARIA ERUCIFORMIS

SILAGE G
  UF ensilage
  BT ANIMAL FEEDS
  RT FODDERS

SILENE E
  BT WEED CARYOPHYLLACEAE
  NT SILENE CONOIDEA

SILENE CONOIDEA E
  UF catchfly (conoid)
  BT SILENE

SILICON D
  BT MINERALS AND NUTRIENTS
  RT TRACE ELEMENTS

SILOS F
  UF grain silos
  BT STORAGE STRUCTURES

Silosan
  USE PIRIMIDIPHOS-METHYL

SILTS D
  BT SOILS

silver-y moth
  USE AUTOGRAPHA GAMMA

SILYBUM E
  BT WEED COMPOSITAE
  NT SILYBUM MARIANUM

SILYBUM MARIANUM E
UF Carduus marianus
thistle (lady's)
thistle (Maria's)
BT SILYBUM

SIMAZINE E
UF Gesatop
Princep
BT HERBICIDES

simulated meat
USE MEAT SIMULANTS

SINAPIS E
BT WEED CRUCIFERAE
NT SINAPIS ARVENSIS

SINAPIS ARVENSIS E
UF charlock
mustard (wild)
BT SINAPIS

single-cell culture
USE CELL CULTURE

SISYMBRIUM E
BT WEED CRUCIFERAE
NT SISYMBRIUM ORIENTALE
SISYMBRIUM SEPTULATUM

SISYMBRIUM ORIENTALE E
BT SISYMBRIUM

SISYMBRIUM SEPTULATUM E
BT SISYMBRIUM

SITE FACTORS D
SN Characteristics of particular locations
UF location characteristics
NT ALTITUDE
CLIMATE
CLIMATIC SOIL TYPES
GRADIENT
LATITUDE
ORIENTATION
WATER AVAILABILITY
RT ENVIRONMENTAL EFFECTS

SITONA E
BT COLEOPTERA
NT SITONA LIMOSUS
SITONA LINEATUS
SITONA MACULARIUS

SITONA LIMOSUS E
BT SITONA

SITONA LINEATUS E
UF pea and bean weevil
pea leaf weevil
BT SITONA

SITONA MACULARIUS E
BT SITONA

size (seed)
USE SEED SIZE

slug control
USE MOLLUSC CONTROL

slug poisons
USE MOLLUSCICIDES

SLUGS E
BT INJURIOUS MOLLUSCS

small broad bean beetle
USE BRUCHIDIUS INCARNATUS

snail control
USE MOLLUSC CONTROL

snail poisons
USE MOLLUSCICIDES

SNAILS E
BT INJURIOUS MOLLUSCS

SOCIAL ASPECTS G
NT CONSUMER PREFERENCES
TRADITIONS
RT HOME ECONOMICS
USES

SODIUM D
BT MINERALS AND NUTRIENTS
RT SODIUM NITRATE

SODIUM NITRATE D
BT NITRATE FERTILIZERS
RT SODIUM

sodium trichloroacetate
USE TCA

soil animals
USE SOIL FAUNA

SOIL CHEMISTRY D
UF chemistry (soil)
RT SOIL REACTIONS
SOILS

SOIL CONDITIONERS D
RT EVAPORATION SUPPRESSANTS
SOIL REQUIREMENTS

soil erosion
USE EROSION

SOIL FAUNA D
UF fauna (soil)
soil animals
BT SOIL MICROBIOLOGY
RT ECOLOGY
SOIL POPULATIONS

SOIL FERTILITY D
UF fertility (soil)
BT SOIL REQUIREMENTS
NT COMPOSTING
SOIL IMPOVERISHMENT
RT FALLOWING
NUTRITIONAL REQUIREMENTS
SOIL MICROBIOLOGY

SOIL FLORA D
UF flora (soil)
BT SOIL MICROBIOLOGY
NT RHIZOBIA
RT ECOLOGY
SOIL POPULATIONS

SOIL IMPOVERISHMENT D
UF impoverishment (soil)
BT SOIL FERTILITY

SOIL MICROBIOLOGY D
UF microbiology (soil)
BT SOIL REQUIREMENTS
NT SOIL FAUNA
SOIL FLORA
RT SOIL FERTILITY

SOIL POLLUTION E
BT POLLUTION

SOIL POPULATIONS D
UF populations (soil)
RT SOIL FAUNA
SOIL FLORA

SOIL POROSITY D
UF porosity (soil)
BT SOIL REQUIREMENTS

soil preparation
USE LAND PREPARATION

SOIL REACTIONS D
BT SOIL REQUIREMENTS
RT HYDROGEN-ION CONCENTRATION
SALINITY
SOIL CHEMISTRY

SOIL REQUIREMENTS D
UF edaphic requirements
BT CULTURAL REQUIREMENTS .....

(SOIL REQUIREMENTS)
NT DRAINAGE
SOIL FERTILITY
SOIL MICROBIOLOGY
SOIL POROSITY
SOIL REACTIONS
RT ECOLOGY
ENVIRONMENTAL EFFECTS
PEDOCLIMATIC FACTORS
SOIL CONDITIONERS
SOIL TEMPERATURE
SOILS
WATER REQUIREMENTS

soil scarification
USE RAKING

SOIL TEMPERATURE D
BT TEMPERATURE
RT SOIL REQUIREMENTS

SOIL TREATMENT E
BT PEST CONTROL METHODS

SOILS D
NT CLAYS
LOAMS
SANDS
SILTS
VOLCANIC SOILS
RT CLIMATIC SOIL TYPES
ORGANIC MATTER
SOIL CHEMISTRY
SOIL REQUIREMENTS

solar energy
USE LIGHT ENERGY

SOLAR RADIATION D
UF radiation (sun)
sunlight
RT LIGHT ENERGY

SOLUBLE CARBOHYDRATES F
UF carbohydrates (soluble)
BT CARBOHYDRATE CONTENT
NT SUGARS

SOMALIA K
BT AFRICA

SONCHUS E
UF thistle (sow)
BT WEED COMPOSITAE
NT SONCHUS OLERACEUS

SONCHUS OLERACEUS E
BT SONCHUS

SOUTH AMERICA K
BT AMERICA
NT ARGENTINA
BOLIVIA
BRAZIL
CHILE
COLOMBIA
ECUADOR
PARAGUAY
PERU
URUGUAY

SOWING D
UF planting (seed)
seeding
BT CULTIVATION
NT SEEDING RATES
SOWING DEPTH
RT PROPAGATION
SEED
SEEDBED
SOWING EQUIPMENT
SPACING
TIMING

SOWING DEPTH D
UF depth (sowing)
BT SOWING

sowing distance
USE SPACING

SOWING EQUIPMENT D
UF seeders
BT FARM IMPLEMENTS
NT BROADCAST SEEDERS
SEED DRILLS
RT SOWING

SPACING D
UF density (planting)
planting density
planting distance
row distance
sowing distance
BT CULTIVATION
RT PLANT POPULATIONS
SOWING
THINNING

SPADES D
BT CULTIVATION EQUIPMENT
RT PLOUGHING

SPAIN K
BT EUROPE

SPARROWS E
BT INJURIOUS BIRDS

SPECIES C
NT SUBSPECIES
RT CULTIVARS

SPHENARCHES E
BT PTEROPHORIDAE
NT SPHENARCHES CAFFER

SPHENARCHES CAFFER E
BT SPHENARCHES

SPODOPTERA E
UF army worms
Laphygma
BT NOCTUIDAE
NT SPODOPTERA EXIGUA
SPODOPTERA LITTORALIS

SPODOPTERA EXIGUA E
UF beet army worm
lesser army worm
BT SPODOPTERA

SPODOPTERA LITTORALIS E
UF Egyptian cotton worm
BT SPODOPTERA

spoilage
USE DETERIORATION

spoilage (seed)
USE SEED SPOILAGE

spot (Alternaria leaf)
USE ALTERNARIA LEAF SPOT

spot (brown)
USE ALTERNARIA LEAF SPOT

spot (Cercospora leaf)
USE CERCOSPORA LEAF SPOT

spot (chocolate)
USE CHOCOLATE SPOT

spots (leaf)
USE LEAF SPOTS

sprawling habit
USE PROSTRATE HABIT

spray irrigation
USE SPRINKLER IRRIGATION

SPRAYING E
BT PEST CONTROL METHODS
RT SPRAYS

SPRAYS E
BT PESTICIDE FORMULATIONS
RT SPRAYING

SPRING D
BT SEASONS
RT RABI SEASON

SPRINKLER IRRIGATION D
UF spray irrigation
BT IRRIGATION SYSTEMS

spurge (Aleppo)
USE EUPHORBIA ALEPPICA

spurge (sun)
USE EUPHORBIA HELIOSCOPIA

spurges
USE EUPHORBIA

St John's wort (curled-leaved)
USE HYPERICUM CRISPUM

stabilization (price)
USE PRICE STABILIZATION

STACHYBOTRYS E
BT FUNGI
RT SEED SPOILAGE

stain virus (broadbean)
USE BROADBEAN STAIN VIRUS

stalks (flower)
USE PEDICELS

stalks (leaf)
USE PETIOLES

stalks (seed)
USE FUNICLES

STAMENS B
BT FLOWERS
NT ANTHERS
FILAMENTS

STANDARDS B
SN The large posterior petal
UF vexillum
BT PETALS

standards of identity
USE PESTICIDE TOLERANCES

STARCH CONTENT F
BT CARBOHYDRATE CONTENT
RT STARCH PRODUCTS

STARCH PRODUCTS F
BT PROCESSED PRODUCTS
RT STARCH CONTENT

STARLINGS E
BT INJURIOUS BIRDS

steam-flaking
USE WET-HEAT PROCESSING

STEARIC ACID F
UF octadecanoic acid
BT SATURATED FATTY ACIDS

STELE B
BT PLANT TISSUES
NT CORTEX
PITH
RT VASCULAR TISSUES

stem blight
USE STEM ROTS

STEM ROTS E
UF blight (stem)
rots (stem)
stem blight
BT MYCOSES
RT BOTRYTIS CINEREA
SCLEROTINIA SCLEROTIORUM

STEMPHYLIUM E
BT FUNGI
NT STEMPHYLIUM BOTRYOSUM
RT POWDERY MILDEWS

STEMPHYLIUM BOTRYOSUM E
BT STEMPHYLIUM

STEMS B
BT PLANT ANATOMY
NT INTERNODES
NODES
RT BRANCHING
EPICOTYL
HAULMS
HYPOCOTYL
PLANT HABIT
PLANT VASCULAR SYSTEM
SHOOTS
WASTES

STERILITY C
SN In Vicia or Lens
BT PLANT FERTILITY
NT GENERATIONAL STERILITY
MORPHOLOGICAL STERILITY
RT INTERSPECIFIC STERILITY

sterility (interspecific)
USE INTERSPECIFIC STERILITY

sterility (male)
USE MALE STERILITY

STIGMA B
BT GYNOECIUM
RT POLLINATION
PROTANDRY
PROTOGYNY

stink bugs
USE NEZARA

STIPULES B
BT LEAVES

stock (animal)
USE LIVESTOCK

STOMATA B
BT LEAVES
RT EPIDERMIS
TRANSPIRATION

storability
USE DETERIORATION

STORAGE F
NT GRAIN STORAGE
HOUSEHOLD STORAGE
SEED STORAGE
STORAGE STRUCTURES
RT DETERIORATION
DISTRIBUTION
STORAGE CONDITIONS
STORED PRODUCTS PESTS

STORAGE BINS F
UF bins (storage)
BT STORAGE STRUCTURES

STORAGE CONDITIONS F
NT STORAGE RELATIVE HUMIDITY
STORAGE TEMPERATURE
RT STORAGE

STORAGE PITS F
UF pits (storage)
subterranean storage
underground storage
BT STORAGE STRUCTURES

STORAGE RELATIVE HUMIDITY F
UF relative humidity (storage)
BT STORAGE CONDITIONS
RT DRYING
MOISTURE EFFECTS

storage rooms
USE STOREROOMS

STORAGE STRUCTURES F
BT STORAGE
NT SILOS
STORAGE BINS
STORAGE PITS
STOREROOMS
WAREHOUSES
RT DRYING
VENTILATION

STORAGE TEMPERATURE F
BT STORAGE CONDITIONS
RT TEMPERATURE

STORED PRODUCTS PESTS E
UF products (pests of)
RT MYCOSES
PEST INSECTS
PESTS
SEED SPOILAGE
STORAGE

STOREROOMS F
UF granaries
storage rooms
BT STORAGE STRUCTURES

storing water
USE WATER STORAGE

streak (tobacco)
USE TOBACCO STREAK VIRUS

STRESS FACTORS D
NT WATER STRESS
RT ENVIRONMENTAL EFFECTS
HYDROGEN-ION CONCENTRATION

STROMA C
BT CHLOROPLASTS

STRONTIUM D
BT MINERALS AND NUTRIENTS
RT TRACE ELEMENTS

structure (cell)
USE CELL STRUCTURE

structure (plant)
USE PLANT ANATOMY

stubble crops
USE MIXED CROPPING

STYLE B
SN Prolongation of the carpel supporting the stigma
BT GYNOECIUM

SUBSIDIES H
RT PRICING POLICIES

SUBSPECIES C
BT SPECIES

SUBSURFACE IRRIGATION D
BT IRRIGATION SYSTEMS

subterranean storage
USE STORAGE PITS

SUCRASE B
UF invertase
saccharase
BT ENZYMES
RT SUCROSE

SUCROSE F
UF saccharose
BT SUGARS
RT FRUCTOSE
GLUCOSE
SUCRASE

SUDAN K
BT AFRICA

Suffix
USE BENZOYLPROP

SUGARS F
BT SOLUBLE CARBOHYDRATES
NT DEOXYRIBOSE
HEXOSE SUGARS
MALTOSE
RIBOSE
SUCROSE
RT NUCLEOTIDES

sulfur
USE SULPHUR

sulfur (elemental)
USE ELEMENTAL SULPHUR

sulphate of potash
USE POTASSIUM SULPHATE

SULPHATE OF POTASH-MAGNESIA D
UF Patentkali
BT POTASSIUM FERTILIZERS
RT MAGNESIUM
SULPHUR

SULPHUR D
UF sulfur
BT MINERALS AND NUTRIENTS .....

(SULPHUR)
RT AMMONIUM SULPHATE
AMMONIUM SULPHATE NITRATE
ELEMENTAL SULPHUR
POTASSIUM SULPHATE
SULPHATE OF POTASH-MAGNESIA

sulphur (elemental)
USE ELEMENTAL SULPHUR

SULPHURIC ACID E
BT HERBICIDES

Sumithion
USE FENITROTHION

SUMMER D
BT SEASONS

sunlight
USE SOLAR RADIATION

SUPERGENES C
BT GENES

SUPERPHOSPHATES D
BT PHOSPHATE FERTILIZERS
NT CALCIUM SUPERPHOSPHATE
DOUBLE SUPERPHOSPHATE
TRIPLE SUPERPHOSPHATE

Supracide
USE METHIDATHION

Sweep
USE PARAQUAT

sweetclovers
USE MELILOTUS

SWINE G
UF hogs
pigs
BT LIVESTOCK

SYMBIOSIS B
BT ECOLOGY
NT NODULATION

SYNTHETICS C
RT CULTIVARS

SYRIA K
BT ASIA

systematics (plant)
USE TAXONOMY

SYSTEMIC CONTROL E
BT PEST CONTROL METHODS
RT PESTICIDES
TRANSLOCATION

Sytam
USE SCHRADAN

T 6 C
BT LENTIL CULTIVARS

T 36 C
BT LENTIL CULTIVARS

TABOOS G
UF foods (forbidden)
forbidden foods
RT CONSUMER PREFERENCES
RELIGION
TRADIATION

Tamaron
USE METHAMIDOPHOS

tanks
USE WATER RESEERVOIRS

TANNINS F
BT PHENOLIC CONTENT
RT ANTINUTRITIONAL FACTORS

taste
USE PALATABILITY

TAXONOMY A
UF classification (plant)
plant classification
plant systematics
systematics (plant)
RT IDENTIFICATION
NOMENCLATURE

TAYLORILYGUS E
BT HETEROPTERA
NT TAYLORILYGUS PALLIDULUS

TAYLORILYGUS PALLIDULUS E
BT TAYLORILYGUS

TCA E
UF sodium trichloroacetate
BT HERBICIDES

Tedion
USE TETRADIFON

TEKOA C
BT LENTIL CULTIVARS

TEMPERATURE D
UF coldness
heat
BT CLIMATIC REQUIREMENTS
NT AIR TEMPERATURE
SOIL TEMPERATURE
RT HOST-PLANT RESISTANCE
STORAGE TEMPERATURE
TEMPERATURE EFFECTS

TEMPERATURE EFFECTS D
BT ENVIRONMENTAL EFFECTS
RT TEMPERATURE

Terbutryn
USE TERBUTRYNE

TERBUTRYNE E
UF Igran
Terbutryn
BT HERBICIDES

termites
USE ISOPTERA

Terraclor
USE PCNB

Terrazole
USE ETRIDIAZOL

TESTA B
UF seed-coat
BT SEEDS

tetrachloroisophthalonitrile
USE CHLOROTHALONIL

TETRACHLORVINPHOS E
UF Appex
Gardona
Rabon
BT ORGANOPHOSPHORUS INSECTICIDES

tetracosanoic acid
USE LIGNOCERIC ACID

tetradecanoic acid
USE MYRISTIC ACID

TETRADIFON E
UF chlorophenl-2,4,5-trichlorophenyl
sulphone
Tedion
BT ACARICIDES

tetramethylthiuram disulphide
  USE THIRAM

TETRANYCHIDAE E
  UF mites (red spider)
     red spider mites
  BT PEST MITES
  NT TETRANYCHUS URTICAE

Tetranychus bimaculatus
  USE TETRANYCHUS URTICAE

TETRANYCHUS URTICAE E
  UF Tetranychus bimaculatus
  BT TETRANYCHIDAE

TEXIERA E
  BT WEED CRUCIFERAE
  NT TEXIERA GLASTIFOLIA

TEXIERA GLASTIFOLIA E
  UF mustard (globe)
  BT TEXIERA

THANATEPHORUS E
  BT FUNGI
  NT THANATEPHORUS CUCUMERIS

THANATEPHORUS CUCUMERIS E
  BT THANATEPHORUS
  RT ROOT ROTS
     SEED SPOILAGE

THESES J
  UF dissertations
  BT BIBLIOGRAPHIC FORM

THIABENDAZOLE E
  UF TBZ
  BT ORGANIC FUNGICIDES

THIAMIN F
  UF vitamin B1
  BT VITAMINS B

Thimet
  USE PHORATE

THINNING D
  BT CULTIVATION
  RT SPACING

Thiodan
  USE ENDOSULFAN

Thiodemeton
  USE DISULFOTON

THIOMETON E
UF Dithiomethon
Ekatin
Morphothion
BT ORGANOPHOSPHORUS INSECTICIDES

Thiophos
USE PARATHION

Thiosulfan
USE ENDOSULFAN

THIRAM E
UF tetramethylthiuram disulphide
TMTD
BT ORGANIC FUNGICIDES

thistle (lady's)
USE SILYBUM MARIANUM

thistle (Maria's)
USE SILYBUM MARIANUM

thistle (purple star)
USE CENTAUREA CALCITRAPA

thistle (sow)
USE SONCHUS

THLASPI E
BT WEED CRUCIFERAE
NT THLASPI ARVENSE

THLASPI ARVENSE E
UF pennycress (field)
BT THLASPI

THREONINE F
BT AMINO ACIDS

THRESHERS F
BT PROCESSING EQUIPMENT
NT FLAILS
RT THRESHING

THRESHING D
BT HARVESTING
RT DEHULLING
PROCESSING
THRESHERS

THRIPS E
BT THYSANOPTERA
NT THRIPS TABACI

thrips (common name)
USE THYSANOPTERA

thrips (grey cotton)
USE CALIOTHRIPS SUDANENSIS

THRIPS TABACI E
BT THRIPS

THYLAKOIDS C
BT CHLOROPLASTS
RT PHOTOSYNTHETIC PIGMENTS

THYMINE C
BT PYRIMIDINES
RT DNA

THYSANOPTERA E
UF thrips (common name)
BT PEST INSECTS
NT CALIOTHRIPS
THRIPS

tick beans
USE FABA BEANS

TILLING D
UF seedbed preparation
BT LAND PREPARATION
NT HARROWING
RAKING
RT HOEING
TILTH
ZERO-TILLAGE

TILTH D
RT SEEDBED
TILLING

Timet
USE PHORATE

TIMING D
RT DETERMINACY
IRRIGATION SCHEDULING
SEASONS
SEQUENCE
SOWING

TISSUE CULTURE C
UF culture (tissue)
RT BREEDING METHODS
CELL CULTURE
CULTURE MEDIA

tissues (plant)
USE PLANT TISSUES

TMTD
USE THIRAM

TOASTING F
BT PROCESSING
RT HEATING

TOBACCO D
UF Nicotiana
BT ROTATIONAL CROPS

TOBACCO STREAK VIRUS E
UF streak (tobacco)
BT VIROSES

tolerance (drought)
USE DROUGHT TOLERANCE

Tomarin
USE COUMARFURYL

Tomorin
USE COUMACHLOR

tools (farm)
USE FARM IMPLEMENTS

Topitox
USE CHLOROPHACINONE

Tortricid moths
USE TORTRICIDAE

TORTRICIDAE E
UF Tortricid moths
BT LEPIDOPTERA
NT CYDIA

TOTAL NITROGEN F
BT NITROGEN CONTENT

TOXICITY G
UF intoxification
poisoning
RT BIOCHEMISTRY
FAVISM
TOXICOLOGY

TOXICOLOGY G
SN Resrict to faba bean or lentil related aspects
RT ANIMAL PHYSIOLOGY
HEALTH
HUMAN PHYSIOLOGY
TOXICITY

TRACE ELEMENTS D
UF microelements
micronutrients
BT NUTRITIONAL REQUIREMENTS
RT BORON
BROMINE
CHROMIUM
COBALT
COPPER
FLUORINE .....

(TRACE ELEMENTS)
(RT) IODINE
IRON
MAGNESIUM
MANGANESE
MOLYBDENUM
SELENIUM
SILICON
STRONTIUM
TUNGSTEN
VANADIUM
ZINC

TRADE H
UF commerce
exporting
importing
BT MARKETING

TRADITIONS G
UF folklore
BT SOCIAL ASPECTS
RT HISTORY
TABOOS

TRAINING J
RT EDUCATION

TRANSFER RNA C
BT RNA
RT AMINO ACIDS
ATP

TRANSLOCATION B
BT PLANT PHYSIOLOGICAL PROCESSES
RT NUTRIENT UPTAKE
PLANT VASCULAR SYSTEM
SYSTEMIC CONTROL

TRANSMISSION E
SN Disease transmission
NT VECTORS
RT DISEASES
PATHOGENS
PEST INSECTS

TRANSPIRATION B
BT PLANT PHYSIOLOGICAL PROCESSES
RT CANOPY
STOMATA
WATER REQUIREMENTS

TRANSPORTATION F
RT DISTRIBUTION

TREBISOVSKA C
BT LENTIL CULTIVARS

Treflan
USE TRIFLURALIN

TRIALLATE E
UF Avadex-BW
Far-go
BT HERBICIDES

trials (field)
USE FIELD EXPERIMENTS

Tribunil
USE METHABENZTHIAZURON

Trichlorphon
USE TRICHLORFON

TRICHLORFON E
UF Chlorofos
Dipterex
Neguvon
Proxol
Trichlorphon
Tugon
BT ORGANOPHOSPHORUS INSECTICIDES

TRICHOPLUSIA E
BT NOCTUIDAE
NT TRICHOPLUSIA NI

TRICHOPLUSIA NI E
UF cabbage looper
watermelon looper
BT TRICHOPLUSIA

TRICKLE IRRIGATION D
BT IRRIGATION SYSTEMS

TRIFLURALIN E
UF Treflan
BT HERBICIDES

TRIFOLIUM E
BT WEED LEGUMINOSAE
NT TRIFOLIUM HYBRIDUM

TRIFOLIUM HYBRIDUM E
UF clover (alsike)
BT TRIFOLIUM

TRIGONELLA E
BT WEED LEGUMINOSAE
NT TRIGONELLA MONANTHA
TRIGONELLA NOEANA
TRIGONELLA RADIATA

TRIGONELLA MONANTHA
BT TRIGONELLA

TRIGONELLA NOEANA
BT TRIGONELLA

TRIGONELLA RADIATA E
BT TRIGONELLA

TRIPLE SUPERPHOSPHATE D
BT SUPERPHOSPHATES

TRIPPING B
BT INSECT POLLINATION
RT KEELS

Triticum
USE WHEAT

TROPICAL SOILS D
BT CLIMATIC SOIL TYPES

TROPISMS B
UF plant movements
BT PLANT PHYSIOLOGY

TRYPSIN INHIBITION G
BT PROTEASE INHIBITION
RT HEATING
PRESSURE COOKING

TRYPTOPHANE F
BT AMINO ACIDS

Tugon
USE TRICHLORFON

TUNGSTEN D
BT MINERALS AND NUTRIENTS
RT TRACE ELEMENTS

TUNISIA K
BT AFRICA

TURGENIA E
BT WEED UMBELLIFERAE
NT TURGENIA LATIFOLIA

TURGENIA LATIFOLIA E
UF parsley (great bur)
BT TURGENIA

TURKEY K
BT ASIA
RT EUROPE

TYCHIUS E
BT COLEOPTERA
NT TYCHIUS QUINQUEPUNCTATUS

TYCHIUS QUINQUEPUNCTATUS
BT TYCHIUS

TYLENCHORHYNCHUS E
BT NEMATODES

TYROSINE F
BT AMINO ACIDS

UK
USE UNITED KINGDOM

Ultracide
USE METHIDATHION

ULTRASTRUCTURE C
RT CELL STRUCTURE

Umbelliferae (weeds)
USE WEED UMBELLIFERAE

underground storage
USE STORAGE PITS

UNITED KINGDOM K
UF Britain
England
Great Britain
Ireland (Northern)
Northern Ireland
Scotland
UK
Wales
BT EUROPE

UNITED STATES OF AMERICA K
UF USA
BT NORTH AMERICA

university departments
USE INSTITUTIONS

UNSATURATED FATTY ACIDS F
BT FATTY ACIDS
NT LINOLEIC ACID
LINOLENIC ACID
OLEIC ACID
PALMITOLEIC ACID

upright habit
USE ERECT HABIT

uptake of nutrients
USE NUTRIENT UPTAKE

UREA D
BT AMIDE FERTILIZERS

UROMYCES E
BT FUNGI
NT UROMYCES FABAE

UROMYCES FABAE E
BT UROMYCES
RT RUSTS

URUGUAY K
BT SOUTH AMERICA

USES G
NT ANIMAL FEEDS
FOOD PRODUCTS
INDUSTRIAL USES
RT ECONOMIC ASPECTS
SOCIAL ASPECTS
WASTE UTILIZATION

USSR K
BT EUROPE
RT ASIA

VACCARIA E
BT WEED CARYOPHYLLACEAE
NT VACCARIA PYRAMIDATA

VACCARIA PYRAMIDATA E
UF cowherb
Gypsophila vaccaria
Saponaria hispanica
BT VACCARIA

VACUOLES C
BT CYTOPLASMIC ORGANELLES

VALINE F
BT AMINO ACIDS

VANADIUM D
BT MINERALS AND NUTRIENTS
RT TRACE ELEMENTS

Vapona
USE DICHLORVOS

VARIATION C
SN Difference between related individuals due to differences of environment or genotype
RT CULTIVARS
ENVIRONMENTAL EFFECTS

vascular system (plant)
  USE PLANT VASCULAR SYSTEM

VASCULAR TISSUES B
  BT PLANT TISSUES
  NT PHLOEM
      XYLEM
  RT PLANT VASCULAR SYSTEM
      STELE

VASCULAR WILTS E
  UF wilts (true)
      wilts (vascular)
  BT MYCOSES
  RT FUSARIUM
      ROOT ROT/WILT COMPLEX

VECTORS E
  UF disease carriers
  BT TRANSMISSION
  RT DISEASES
      PEST INSECTS

VEGETABLES F
  BT FRESH PRODUCTS

vegetative reproduction
  USE ASEXUAL REPRODUCTION

VENTILATION F
  UF aeration
  RT STORAGE STRUCTURES

Vernimine
  USE 2,4-D AMINE

VERTICILLIUM E
  BT FUNGI
  RT ROOT ROT/WILT COMPLEX

vetch (broad-leaved)
  USE VICIA NARBONENSIS

vetch (common)
  USE VICIA SATIVA

vetch (horseshoe)
  USE HIPPOCREPIS

vetch (tufted)
  USE VICIA CRACCA

vexillum
  USE STANDARDS

viability (seed)
  USE SEED VIABILITY

VICIA A
BT LEGUMINOSAE-VICIEAE
NT VICIA BITHYNICA
VICIA FABA
VICIA GALILAEA
VICIA JOHANNIS
VICIA MELANOPS
VICIA NARBONENSIS
VICIA PEREGRINA
VICIA PLINIANA
VICIA SERRATIFOLIA
RT LENS MONTBRETII
VICIA (WEED)

VICIA (WEED) E
BT WEED LEGUMINOSAE
NT VICIA CRACCA
VICIA HYBRIDA
VICIA NARBONENSIS
VICIA SATIVA
RT VICIA

VICIA BITHYNICA A
BT VICIA

Vicia bombycina
USE LENS MONTBRETII

VICIA CRACCA E
UF vetch (tufted)
BT VICIA (WEED)

Vicia ervum
USE LENS CULINARIS

VICIA FABA A
UF Faba sativa
Faba vulgaris
BT VICIA
NT VICIA FABA GREX EQUINA
VICIA FABA GREX MAJOR
VICIA FABA GREX MINOR
VICIA FABA GREX PAUCIJUGA
RT FABA BEANS
VICIA PLINIANA

Vicia faba eu-faba equina
USE VICIA FABA GREX EQUINA

Vicia faba eu-faba major
USE VICIA FABA GREX MAJOR

Vicia faba eu-faba minor
USE VICIA FABA GREX MINOR

VICIA FABA GREX EQUINA A
UF Vicia faba eu-faba equina
BT VICIA FABA

VICIA FABA GREX MAJOR A
UF Vicia faba eu-faba major
BT VICIA FABA

VICIA FABA GREX MINOR A
UF Vicia faba eu-faba minor
BT VICIA FABA

VICIA FABA GREX PAUCIJUGA A
UF Vicia faba paucijuga
BT VICIA FABA

Vicia faba paucijuga
USE VICIA FABA GREX PAUCIJUGA

VICIA GALILAEA A
BT VICIA

VICIA HYBRIDA E
BT VICIA (WEED)

VICIA JOHANNIS A
BT VICIA

Vicia lens
USE LENS CULINARIS

Vicia lens marschalii
USE LENS NIGRICANS

Vicia lenticula
USE LENS ERVOIDES

Vicia leontoides
USE LENS NIGRICANS

Vicia marschalii
USE LENS NIGRICANS

Vicia megalosperma
USE VICIA PEREGRINA

VICIA MELANOPS A
UF Vicia pichleri
BT VICIA

Vicia montbretii
USE LENS MONTBRETII

VICIA NARBONENSIS A/E
UF vetch (broad-leaved)
BT VICIA
VICIA (WEED)

Vicia nigricans
USE LENS NIGRICANS

Vicia orientalis
USE LENS ORIENTALIS

VICIA PEREGRINA A
UF Vicia megalosperma
BT VICIA

Vicia pichleri
USE VICIA MELANOPS

VICIA PLINIANA A
SN This species may probably be identical with VICIA FABA
BT VICIA
RT VICIA FABA

VICIA SATIVA E
UF vetch (common)
BT VICIA (WEED)

VICIA SERRATIFOLIA A
BT VICIA

VICINE G
BT BETA-GLYCOSIDES

VIROSES E
SN Includes pathogens
UF diseases (viral)
virus diseases
BT DISEASES
NT ABUTILON MOSAIC
ALFALFA MOSAIC
BEAN COMMON MOSAIC VIRUS
BEAN YELLOW MOSAIC
BROADBEAN MOSAIC VIRUS
BROADBEAN MOTTLE VIRUS
BROADBEAN STAIN VIRUS
BROADBEAN WILT VIRUS
BROADBEAN YELLOW MOSAIC
CUCUMBER MOSAIC
PEA ENATION MOSAIC
PEA LEAF ROLL VIRUS
PEA MOSAIC
PEA MOTTLE MOSAIC
PIGEONPEA MOSAIC
RED CLOVER MOTTLE VIRUS
TOBACCO STREAK VIRUS
RT VIRUS INHIBITION

virus diseases
USE VIROSES

VIRUS INHIBITION E
BT DISEASE CONTROL
RT VIROSES

vitamin B complex
USE VITAMINS B

vitamin B1
USE THIAMIN

vitamin B2
  USE RIBOFLAVIN

VITAMIN B12 F
  UF cyanocobalamin
  BT VITAMINS B

vitamin C
  USE ASCORBIC ACID

VITAMIN CONTENT F
  BT COMPOSITION
  NT ASCORBIC ACID
      NICOTINAMIDE
      VITAMINS B
  RT VITAMIN DEFICIENCIES

VITAMIN DEFICIENCIES G
  BT DEFICIENCY DISEASES
  RT VITAMIN CONTENT

vitamin G
  USE RIBOFLAVIN

vitamin PP
  USE NICOTINAMIDE

VITAMINS B F
  UF vitamin B complex
  BT VITAMIN CONTENT
  NT RIBOFLAVIN
      THIAMIN
      VITAMIN B12

Vitavax
  USE CARBOXIN

VOLCANIC SOILS D
  BT SOILS

Wales
  USE UNITED KINGDOM

walls (cell)
  USE CELL WALLS

WAREHOUSES F
  BT STORAGE STRUCTURES

WASTE UTILIZATION G
  RT ANIMAL FEEDS
      INDUSTRIALIZATION
      USES
      WASTES

WASTES F
UF refuse
RT PRODUCTIVITY
STEMS
WASTE UTILIZATION

WATER AVAILABILITY D
BT SITE FACTORS
RT WATER MANAGEMENT
WATER REQUIREMENTS

WATER CONTENT F
SN Of crops or products
BT COMPOSITION

WATER MANAGEMENT D
UF management (water)
NT EROSION
IRRIGATION
RUN-OFF
WATER STORAGE
WATER SUPPLY
RT DRAINAGE
WATER AVAILABILITY
WATER REQUIREMENTS

WATER POLLUTION E
BT POLLUTION

WATER REQUIREMENTS D
BT CULTURAL REQUIREMENTS
RT CLIMATIC REQUIREMENTS
DROUGHT
ECOLOGY
ENVIRONMENTAL EFFECTS
RAINFALL
SOIL REQUIREMENTS
TRANSPIRATION
WATER AVAILABILITY
WATER MANAGEMENT
WATER STRESS

WATER RESERVOIRS D
UF dams
lakes
ponds
reservoirs (water)
tanks
BT WATER STORAGE

WATER STORAGE D
UF storing water
BT WATER MANAGEMENT
NT WATER RESERVOIRS
RT WATER SUPPLY

WATER STRESS D
BT STRESS FACTORS
RT WATER REQUIREMENTS

WATER SUPPLY D
BT WATER MANAGEMENT
NT WELLS
RT WATER STORAGE

watering
USE IRRIGATION

watermelon looper
USE TRICHOPLUSIA NI

WATERMELONS D
UF Citrullus lanatus
melons (water)
BT ROTATIONAL CROPS

weathering (plant)
USE PLANT WEATHERING

WEED AMARANTHACEAE E
UF Amaranthaceae (weeds)
BT WEED PLANTS
NT AMARANTHUS

WEED ARISTOLOCHIACEAE E
UF Aristolochiaceae (weeds)
BT WEED PLANTS
NT ARISTOLOCHIA

WEED BERBERIDACEAE E
UF Berberidaceae (weeds)
BT WEED PLANTS
NT LEONTICE

WEED BORAGINACEAE E
UF Boraginaceae (weeds)
BT WEED PLANTS
NT ANCHUSA

WEED CARYOPHYLLACEAE E
UF Caryophyllaceae (weeds)
BT WEED PLANTS
NT ARENARIA
SILENE
VACCARIA

WEED CHENOPODIACEAE E
UF Chenopodiaceae (weeds)
BT WEED PLANTS
NT CHENOPODIUM

WEED COMPOSITAE E
UF Compositae (weeds)
BT WEED PLANTS
NT ANTHEMIS
CALENDULA
CARTHAMUS
CENTAUREA
CICHORIUM

(WEED COMPOSITAE)
(NT) SILYBUM
SONCHUS
XANTHIUM

WEED CONTROL E
UF control (weed)
BT PLANT PROTECTION
RT BIOLOGICAL CONTROL
HERBICIDES
WEEDING
WEEDS

WEED CONVOLVULACEAE E
UF Convolvulaceae (weeds)
BT WEED PLANTS
NT CONVOLVULUS
CUSCUTA

WEED CRUCIFERAE E
UF Cruciferae (weeds)
BT WEED PLANTS
NT BRASSICA
CAPSELLA
CARDARIA
ISATIS
NESLIA
RAPHANUS
SINAPIS
SISYMBRIUM
TEXIERA
THLASPI

WEED CYPERACEAE E
UF Cyperaceae (weeds)
sedges
BT WEED PLANTS
NT CYPERUS

WEED DIPSACACEAE E
UF Dipsacaceae (weeds)
BT WEED PLANTS
NT CEPHALARIA

WEED EUPHORBIACEAE E
UF Euphorbiaceae (weeds)
BT WEED PLANTS
NT EUPHORBIA

WEED FUMARIACEAE E
UF Fumariaceae (weeds)
BT WEED PLANTS
NT FUMARIA

WEED GERANIACEAE E
UF Geraniaceae (weeds)
BT WEED PLANTS
NT ERODIUM
GERANIUM

WEED GRAMINEAE E
UF Gramineae (weeds)
grasses (weed)
weed grasses
BT WEED PLANTS
NT AEGILOPS
AGROPYRON
AGROSTIS
ALOPECURUS
AVENA
BRACHIARIA
BROMUS
CYNODON
ECHINARIA
ECHINOCHLOA
HORDEUM
LOLIUM
PHALARIS
SETARIA

weed grasses
USE WEED GRAMINEAE

WEED HYPERICACEAE E
UF Hypericaceae (weeds)
BT WEED PLANTS
NT HYPERICUM

WEED IRIDACEAE E
UF Iridaceae (weeds)
BT WEED PLANTS
NT GLADIOLUS

weed killers
USE HERBICIDES

WEED LABIATAE E
UF Labiatae (weeds)
BT WEED PLANTS
NT MOLUCELLA
PHLOMIS

WEED LEGUMINOSAE E
UF Leguminosae (weeds)
BT WEED PLANTS
NT CORONILLA
GLYCYRRHIZA
HIPPOCREPIS
HYMENOCARPOS
LATHYRUS
LUPINUS
MEDICAGO
MELILOTUS
PISUM
SCORPIURUS
TRIFOLIUM
TRIGONELLA
VICIA (WEED)
RT LEGUMINOSAE

WEED LILIACEAE E
UF Liliaceae (weeds)
BT WEED PLANTS
NT MUSCARI

WEED MALVACEAE E
UF Malvaceae (weeds)
BT WEED PLANTS
NT MALVA

WEED OROBANCHACEAE E
UF Orobanchaceae (weeds)
BT WEED PLANTS
NT OROBANCHE

WEED PAPAVERACEAE E
UF Papaveraceae (weeds)
BT WEED PLANTS
NT PAPAVER
ROMERIA

WEED PLANTS E
NT WEED AMARANTHACEAE
WEED ARISTOLOCHIACEAE
WEED BERBERIDACEAE
WEED BORAGINACEAE
WEED CARYOPHYLLACEAE
WEED CHENOPODIACEAE
WEED COMPOSITAE
WEED CONVOLVULACEAE
WEED CRUCIFERAE
WEED CYPERACEAE
WEED DIPSACACEAE
WEED EUPHORBIACEAE
WEED FUMARIACEAE
WEED GERANIACEAE
WEED GRAMINEAE
WEED HYPERICACEAE
WEED IRIDACEAE
WEED LABIATAE
WEED LEGUMINOSAE
WEED LILIACEAE
WEED MALVACEAE
WEED OROBANCHACEAE
WEED PAPAVERACEAE
WEED POLYGONACEAE
WEED PORTULACACEAE
WEED PRIMULACEAE
WEED RANUNCULACEAE
WEED RESEDACEAE
WEED ROSACEAE
WEED RUBIACEAE
WEED UMBELLIFERAE
WEED ZYGOPHYLLACEAE
RT WEEDS

WEED POLYGONACEAE E
UF Polygonaceae (weeds)
BT WEED PLANTS
NT POLYGONUM
RUMEX

WEED PORTULACACEAE E
UF Portulacaceae (weeds)
BT WEED PLANTS
NT PORTULACA

WEED PRIMULACEAE E
UF Primulaceae (weeds)
BT WEED PLANTS
NT ANAGALLIS
ANDROSACE

WEED RANUNCULACEAE E
UF Ranunculaceae (weeds)
BT WEED PLANTS
NT ADONIS
DELPHINIUM
RANUNCULUS

WEED RESEDACEAE E
UF Resedaceae (weeds)
BT WEED PLANTS
NT RESEDA

WEED ROSACEAE E
UF Rosaceae (weeds)
BT WEED PLANTS
NT POTENTILLA

WEED RUBIACEAE E
UF Rubiaceae (weeds)
BT WEED PLANTS
NT ASPERULA
GALIUM

WEED UMBELLIFERAE E
UF Umbelliferae (weeds)
BT WEED PLANTS
NT AMMI
ANETHUM
BUPLEURUM
CAUCALIS
DAUCUS
LISAEA
SCANDIX
TURGENIA

WEED ZYGOPHYLLACEAE E
UF Zygophyllaceae (weeds)
BT WEED PLANTS
NT PEGANUM

WEEDING D
UF hand weeding
BT CULTIVATION
RT HOEING
WEED CONTROL
WEEDS

weedone
  USE 2,4-D

WEEDS E
  NT ANNUAL WEEDS
     BIENNIAL WEEDS
     PARASITIC WEEDS
     PERENNIAL WEEDS
  RT WEED CONTROL
     WEED PLANTS
     WEEDING

weeds (annual)
  USE ANNUAL WEEDS

weeds (biennial)
  USE BIENNIAL WEEDS

weeds (parasitic)
  USE PARASITIC WEEDS

weeds (perennial)
  USE PERENNIAL WEEDS

Wegwarte
  USE CICHORIUM INTYBUS

weight (seed)
  USE SEED WEIGHT

WELLS D
  BT WATER SUPPLY
  RT PUMPS

West Germany
  USE GERMAN FEDERAL REPUBLIC

WET-HEAT PROCESSING F
  UF steam-flaking
  BT PROCESSING
  RT FLAKES
     HEATING

WET SEASON D
  BT SEASONS

WHEAT D
  UF Triticum
  BT CEREALS

whitefly (cotton)
  USE BEMISIA TABACI

wilt virus (broadbean)
  USE BROADBEAN WILT VIRUS

wilts (true)
  USE VASCULAR WILTS

wilts (vascular)
  USE VASCULAR WILTS

WIND EFFECTS D
  BT ENVIRONMENTAL EFFECTS

WIND POLLINATION B
  UF anemophily
  BT POLLINATION

Windsor beans
  USE FABA BEANS

WINTER D
  BT SEASONS

winter cutworm
  USE AGROTIS SEGETUM

WINTERLIK PULL 11 C
  UF Kislik-pul 11
  BT LENTIL CULTIVARS

WINTERLIK RED 51 C
  BT LENTIL CULTIVARS

WINTERLIK YESIL 21 C
  UF Kislik-yesil 21
  BT LENTIL CULTIVARS

WINTERLIK YESIL 31 C
  BT LENTIL CULTIVARS

woodruff (field)
  USE ASPERULA ARVENSIS

workers
  USE LABOUR

XANTHIUM E
  BT WEED COMPOSITAE
  NT XANTHIUM BRASILICUM

XANTHIUM BRASILICUM E
  UF cocklebur
  BT XANTHIUM

XERIC SOILS D
  BT CLIMATIC SOIL TYPES

XYLEM B
BT VASCULAR TISSUES
RT CAMBIUM

XYLENA E
BT NOCTUIDAE
NT XYLENA EXOLETA

XYLENA EXOLETA E
BT XYLENA

yellow mosaic (bean)
USE BEAN YELLOW MOSAIC

yellow mosaic (broadbean)
USE BROADBEAN YELLOW MOSAIC

yield (grain)
USE GRAIN YIELD

yield (seed)
USE GRAIN YIELD

YIELD COMPONENTS H
RT YIELD INCREASE
YIELDS

YIELD INCREASE C
UF improvement (yield)
BT BREEDING AIMS
RT PLASTICITY
YIELD COMPONENTS
YIELDS

yield losses
USE CROP LOSSES

YIELDS H
NT CROP LOSSES
GRAIN YIELD
RT PRODUCTIVITY
YIELD COMPONENTS
YIELD INCREASE

YUGOSLAVIA K
UF Jugoslavia
BT EUROPE

Zea mays
  USE MAIZE

ZEATIN B
  BT CYTOKININS

ZERO-TILLAGE D
  UF conservation tillage
  no-tillage
  RT TILLING

ZINC D
  BT MINERALS AND NUTRIENTS
  RT TRACE ELEMENTS

zinc dimethyldithiocarbamate
  USE ZIRAM

zinc ethylenebisdithiocarbamate
  USE ZINEB

ZINC PHOSPHIDE E
  BT RODENTICIDES
  RT PHOSPHINE

ZINEB E
  UF Dithane Z-78
  Parzate-C
  zinc ethylenebisdithiocarbamate
  Zinosan
  BT CARBAMATE FUNGICIDES

Zinosan
  USE ZINEB

ZIRAM E
  UF zinc dimethyldithiocarbamate
  BT CARBAMATE FUNGICIDES

ZYGINA E
  BT HOMOPTERA
  NT ZYGINA LUBIAE

ZYGINA LUBIAE E
  BT ZYGINA
  RT ERYTHRONEURA LUBICA

Zygophyllaceae (weeds)
  USE WEED ZYGOPHYLLACEAE

ZYGOTES C
  NT HETEROZYGOTES
  HOMOZYGOTES
  RT GAMETES

REFERENCES

Note: Under the auspices of ICARDA, two books have been published in recent years that bring together much information invaluable to the compiler of a thesaurus. These volumes contain contributions by many scientists, and those to whom I am especially indebted are naturally listed below. They constitute nearly half of the total number of citations. As both volumes were edited by Geoffrey Hawtin and Colin Webb, it is as well to remember when consulting the list that 'Hawtin and Webb' refers to the volume of Faba Beans, whereas 'Webb and Hawtin' refers to that on Lentils.

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