

Particulars of organization, functions and duties [Section 4(1)(b)(i)]

Name and address of the Organization

ICAR-National Research Centre on Seed Spices , Tabiji, Ajmer (Rajasthan)- 305206

Head of the organization

Dr. S.N. Saxena, Director

Mandate, Mandate Crops and Key objectives

Mandate:

- Basic , strategic and applied research on genetic resource management, crop improvement , production and protection technologies for enhancing and sustaining productivity of safe seed spices.
- Transfer of technology and capacity building of stakeholders for enhancing and sustaining productivity of seed spices.

Mandate Crops:

1. Coriander (*Coriandrum sativum* L.)
2. Cumin (*Cuminum cyminum* L.)
3. Fennel (*Foeniculum vulgare* Mil L.)
4. Fenugreek (*Trigonella foenumgraecum*, *Trigonella corniculata* L.)
5. Ajawain (*Trachyspermum ammi* Sprague)
6. Dill (*Anethum graveolens* L. *Anethum sowa* Kurz.)
7. Nigella (*Nigella sativa* L.)
8. Aniseed (*Pimpinella anisum* L.)
9. Celery (*Apium graveolens* L.)
10. Caraway (*Carum carvi* L.)

Key objectives:

1. Collection, evaluation, characterization and conservation of germplasm.
2. Breeding variety with high yield potential, quality and resistance to biotic-abiotic stresses.
3. Developing efficient agro-techniques for achieving the high production and productivity.
4. Evolving better and efficient management system for control of pests and diseases.
5. Study of nutritional and water management aspects.
6. Development of package on organic farming of the seed spices for export, based on environment friendly production of potential technology.

7. Research on seed technology for production of quality seeds of improved varieties.
8. Study of economic of production and marketing.
9. Development of pre and post harvest technology for better processing, storage and utilization.
10. Development of export oriented technology for export of raw and value-added product towards national economy.
11. Transfer of technology for farmers and extension agencies.