1.1.4

GUIDELINES FOR REGISTRATION OF TWIN PACK OF TWO REGISTERED HERBICIDES AND SURFACTANT

(As approved in 291st RC extended meeting held on 28-07-2008)

A. Chemistry:

1. Detailed chemical composition
2. Chemical identity of a.i.
3. Physico chemical properties of the combination product and the surfactant
4. Specifications
5. Method of analysis
6. ATR with and without surfactant.
7. Final chemical composition after mixing with surfactant.
8. Shelf life data (without surfactant)
9. Compatibility of surfactant with the product.
10. Manufacturing process

B. Bioefficacy:

1. Bioeffectiveness
2. Phytotoxicity
3. Compatibility with other chemicals, if proposed to mix.
4. Persistence in plant
5. Persistence in soil
6. Persistence in water
7. Residues in plant
8. Residues in soil
9. Registration status in foreign countries.
10. MRL proforma in duplicate

Note: Two season data on Bioeffectiveness and phytotoxicity are to be generated on combination of the two herbicides with & without surfactant and individual herbicide from minimum three agro climatic conditions. The bioefficacy data on other parameters are to be generated on the combination of the two herbicides with surfactant as per the requirement of general guidelines u/s 9(3) of the Insecticide Act, 1968.

C. Toxicity:

1. Technical product of the individual pesticide should be regularly registered
2. The toxicity data on final product (Combination product) have to be generated as per the data prescribed for formulated product in Gaitonde Committee Report.

3. Data to show that combination is not more toxic than the individual component of the combination

4. Health monitoring studies in spray applicators, as per the protocol approved by the RC on the end use of product i.e. Pesticide X, Pesticide Y, + Surfactant.-(Not required as per decision of 318th RC held on 27-04-2011)

D. Packaging:

1. Manner of packing in detail for formulations and surfactant separately
2. Suitability of data of content with the container in all the cases.
3. Manner of labeling
4. Labels and leaflets as per the IR 1971.