

BMT-TWA/Oilseed Rape/1/6

**ORIGINAL:** English **DATE:** March 16, 2001

## INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS GENEVA

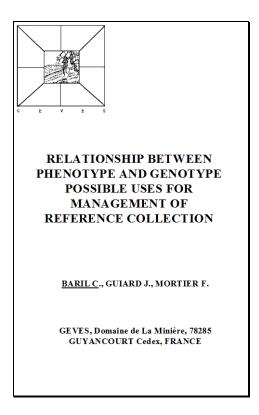
# AD HOC CROP SUBGROUP ON MOLECULAR TECHNIQUES FOR OILSEED RAPE

First Session
Le Magneraud, France, March 19 to 21, 2001

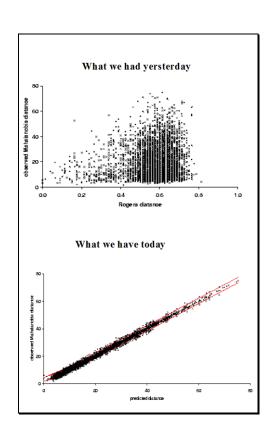
RELATIONSHIP BETWEEN PHENOTYPE AND GENOTYPE POSSIBLE USES FOR MANAGEMENT OF REFERENCE COLLECTION

Document prepared by experts from France

### Slide 1



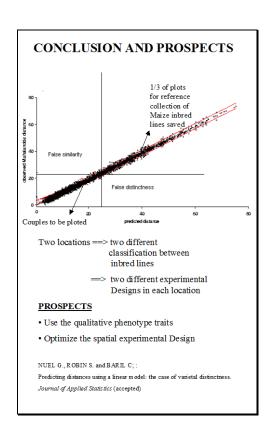
### Slide 2



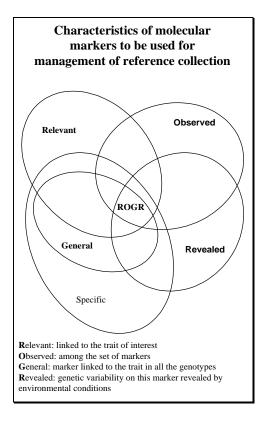
### Slide 3

# METHODS AND PREDICTION Height = $m_2 + m_6 + m_7 + E$ | Precocity = $m_3 + m_5 + F$ | Linearity between phenotype traits and molecular markers + quantitative phenotype traits + gaussian random error E and F + Correlated phenotype traits Predicted height (H) and Predicted precodity (P) Global predicted distance = function of predicted H and P

### Slide 4



### Slide 5



[End of document]