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TS-159750-66
4 April 1966

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MEMORANDUM FOR: Chief, Development Branch, Plans and
Development Staff, NPIC

THROUGH: Chief, Geographic Military Division, PAG, NPIC
Assistant for Photographic Analysis Group, NPIC *END*

FROM: Chief, Industrial Branch, Geo.-Mil. Div., PAG

SUBJECT: Design Objective, Estimating Crop Yields

1. We have reviewed the copy of the design objective on crop yield estimating which you provided us. We have done some work in this field and we would like to make a suggestion. In your background statement you mention estimating crop types, but this subject is not brought up again in the requirement. We feel that the identification of crops is a major problem and that this must be solved before we make yield estimates.

2. We therefore suggest that you divide the requirement into two parts, one asking for keys to crop identification from Satellite photography in a number of crop regions, and one for a study on crop yields in these same regions. We feel that the regional approach is extremely important, because what may be valid for one region would not necessarily be valid for another. We suggest that the crop regions generally follow the following outline:

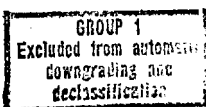
USSR

1. Ukraine Wheat Region
2. Northwest Russian Mixed Crop Region.
3. Southwest Siberian Arid Region
4. Central Siberian Region
5. Maritime Region

China

1. Manchuria
2. North China
3. West China
4. South China

**Declass Review
By NIMA/DOD**



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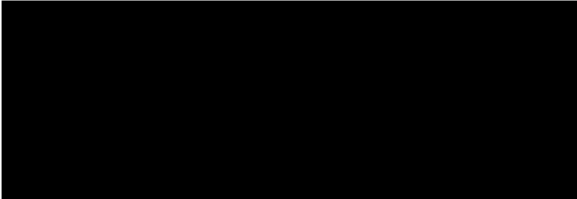
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SUBJECT: Design Objective, Estimating Crop Yields

Southeast Asia

1. Indo-China Region
 2. Malasian Region
 3. Indian Subcontinent
 4. Ceylon
 5. Burma-East Pakistan Region
3. We would like to be kept current on the progress of this study.



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