

**CATALOGUE
OF THE VIR GLOBAL COLLECTION**

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SOYBEAN

**EVALUATION OF ACCESSIONS FROM THE VIR COLLECTION
IN THE ENVIRONMENTS OF PRIMORSKY TERRITORY,
RUSSIAN FEDERATION**

INTRODUCTION

This catalogue contains the results of the testing of 570 soybean accessions (*Glycine max* (L.) Merr.) from the VIR global genetic resources collection. By their origin, the accessions represented 24 countries and 15 regions of the Russian Federation. The 3-year field tests were performed from 1990 to 2017 at the Far East Experiment Station of VIR. The testing site was situated in Primorsky Territory of Russia, being an administrative part of the City of Vladivostok. Coordinates: 43°26' NL 142°04' EL. Climate: monsoon.

The accessions were studied according to the methodological guidelines (Korsakov et al., 1975; Vishnyakova et al., 2010). The sowing time depended on the weather conditions of each year: it was scheduled from the last 10-day period in May to the first 10-day period in June. The seeding rate was 25 seeds per one linear meter, with the row spacing of 70 cm. Harvesting was carried out as soon as the accessions reached maturity.

The accessions were evaluated for a set of morphological and phenological characteristics, and for seed productivity. The descriptions were made in accordance with the scores taken from The International COMECON List of Descriptors for the genus *Glycine* Willd. (Shchelko et al., 1990). Points corresponded to mean values of the characters for the years of testing.

References

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СОДЕРЖАНИЕ

| | |
|--|----|
| Введение..... | 5 |
| Описание признаков, использованных при характеристике образцов сои.. | 6 |
| Характеристика образцов сои по основным морфологическим и хозяйственным признакам..... | 9 |
| Образцы сои, выделившиеся по хозяйственно ценным признакам..... | 27 |
| Список литературы..... | 29 |

CONTENTS

| | |
|---|----|
| Introduction..... | 33 |
| Soybeans descriptors (for Tables 1 – 5)..... | 34 |
| <i>Table 1.</i> Data of soybean accessions according to their basic morphological and economically important characters (points)..... | 37 |
| Soybean accessions with desired values of economically important characteristics..... | 55 |
| References..... | 57 |