Mung bean [Vigna radiata (L.) R. Wilczek] is a grain legume crop cultivated across Asia. The seeds are cooked whole, included in dhal, and the flour may be used in puddings and cakes. This warm-season crop has a favorable demand in North America, particularly in Ontario, Canada, due to its favorable growing conditions and adaptability to a range of environments. The mung bean crop has a favorable demand in North America, particularly for sprouts. The crop is also widely used in Asian cuisine, where it is used in soups, curries, and desserts.

### Introduction

Mung bean cultivars are adapted to temperate and warm conditions, and they have a high protein content. They are sensitive to flowering, which can be induced by high temperatures. The crop has a high yield potential and is adaptable to a range of environments. The mung bean crop has a favorable demand in North America, particularly for sprouts. The crop is also widely used in Asian cuisine, where it is used in soups, curries, and desserts.

### Materials and Methods

#### Field assessment of "AC Harosprout"

Mung bean cultivar "AC Harosprout" was selected from exotic accessions and mutants. The cultivar has a high yield potential and is adaptable to a range of environments. The crop has a favorable demand in North America, particularly for sprouts. The crop is also widely used in Asian cuisine, where it is used in soups, curries, and desserts.

#### Evaluation of mung bean accessions

A separate study using 22 selected EMS-induced mutants in 2011 indicated that at Brooks, crop maturity ranged from 1947 to 128 days and seed yield varied from 0 kg ha⁻¹ to 750 kg ha⁻¹. Most promising mung bean accessions and mutants for seed production in southern Ontario, Canada were identified.

### Results and Discussion

Field assessment of "AC Harosprout"

Mung bean cultivar "AC Harosprout" was selected from exotic accessions and mutants. The cultivar has a high yield potential and is adaptable to a range of environments. The crop has a favorable demand in North America, particularly for sprouts. The crop is also widely used in Asian cuisine, where it is used in soups, curries, and desserts.

### References


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