

BPI-LBNCRDPSC

VISION

By 2022, BPI is a competent and well respected agency supportive of a competitive plant industry

MISSION

We ensure the availability of quality seeds, safety of plant food, development of crop farming technology and we safeguard the plant industry

CORE VALUES

SPICE IT!

SERVICE ORIENTED
PROFESSIONALISM
INTEGRITY COMMITMENT
EXCELLENCE
INNOVATIVE
TEAM WORK

For more information, please contact:

THE CENTER CHIEF

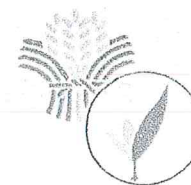
BUREAU OF PLANT INDUSTRY

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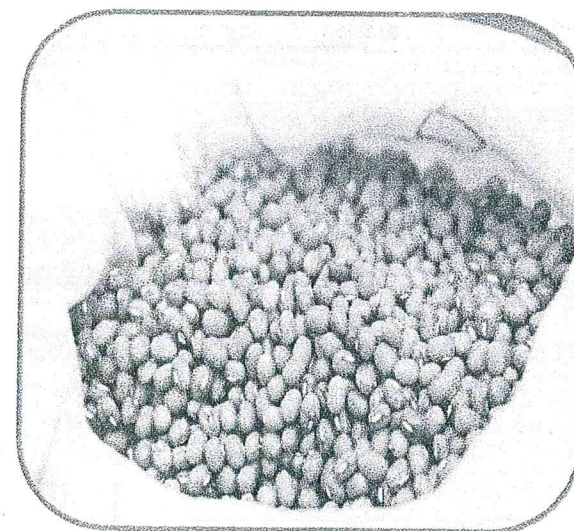
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MUNGBEAN

Balatong

(*Vigna radiata*)



ALL ABOUT MUNGBEAN

IMPORTANCE

Mungbean is an annual, short season crop containing 20-25% protein, 48 - 63% carbohydrates, vitamins and minerals. Used for intercropping, relay or rotation cropping and green manuring. It requires less amount of nitrogen fertilizer because of nitrogen-fixing bacteria. Also a substitute feed for poultry and livestock.

USES

It is cooked in various food preparations as vegetable dish and snacks or desserts. It also serves as a raw material in sotanghon manufacture

STORAGE

Maybe stored in sacks, six months storage under room T - 12% MC or lower and longer than six months - 10% or lower

AVAILABLE VARIETIES

- Mg 50-10A (Wonder Mungo)
- BPI Mg9 (Taiwan Green)
- PSB Mg2 (Mabunga)
- PSB Mg3 (Ginintuan)
- PSB Mg6 (Centennial Mungo)
- NSIC Mg 11 (Kintab)
- NSIC Mg 14 (Kulabo).
- NSIG Mg 15C (Kinang)
- NSIG Mg 16 (Mabunga 3)
- NSIG Mg 17 (Mabunga 4)

SUGGESTED CULTURAL PRACTICES

1. A well-drained loam or sandy loam with soil pH of 5.5 to 6.2.
2. Prepare the land thoroughly with 2 to 3 times alternate plowings and harrowing for good seed germination and weed control.
3. Prepare furrows 50-60 cm apart and 4-6 cm deep.
4. Can be planted during the wet (May-June), dry (September to October) and late dry (February-March) seasons.

5. Sow 15-18 seeds/linear meter or 18-20 kg/ha with a distance of 50-60 cm between rows.
6. Apply 3-4 bags/ha of complete fertilizer at planting time.
7. Shallow off-barring is done on the 2nd week after planting followed by spot weeding. Hilling-up is done at the fourth week after planting. Use of herbicide in combination with cultivation is effective in large scale production.

HARVESTING

It may be done 2 to 3 times by priming or hand picking 60 to 65 days after planting. Yields 1.0 to 1.5 mt/ha.