TOPIC:- PEARL MILLET

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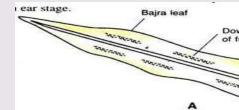


BOTANICAL NAME:- Pennisetum typhoides FAMILY:- Poaceae VERMACULAR NAME:- Bajra

It is one of the most important millet crop of India which grown all over except Assam because people there have high yield of rice due to more rain.

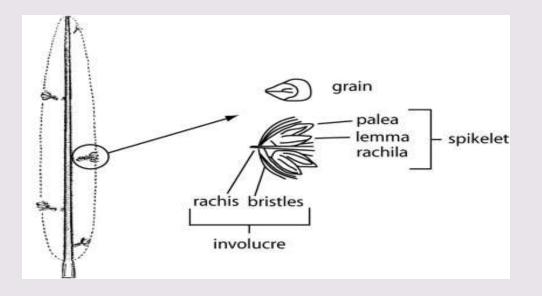
MORPHOLOGY :-

- It is an annual herb of about 1-2.5m tall with solid unbranched stem.
- The leaf are long scabrons i.e; sharp edge leaf.
- Linear to lanceolate and margin are wave.



• The inflorescence is dense panicle which is about 8-16 long and 2.5 cm in diameter.

• Each spikelet consist of 2 florates out of hermaphrodite



- It is a quick growing and short duration crop which mat only after 19 days.
- It is tolerant to drought.
- In rainy season it is grown in an un irrigated condition b summer it requires irrigation.

CULTIVATION

- It is grown in all type of soil from red to medium black thrive best in sandy and loamy soil.
- Warm and dry weather with intermediate rainfall.
- It can withstand drought and moderately wet condition heavy rains, water log, high humidity and prolong cloue are required for its growth.
- The seeds are sown in rows and the field is prepared by drilling. The crop is sown in middle of july and harvest october.
- The crop consist of 67% carbohydrte, 11.6% protein,5% 2.7% mineral.

DIFFERENT VARIETY OF PERL MIL

- 1. HB-3
- 2. HB-4







ECONOMIC IMPORTANCE :-

- It is staple food in many states of India. Example :- Rajasthan, Gujarat
- It's nutrients value is more.
- it can also to be used as fodder.





