

Primordia and Booting Stages

Primordia is the stage when the panicle is being formed.

It marks the end of the Vegetative Stage and the Beginning of the Reproductive Stage of the Plant.

It commences when the Plant is about 45 days old or 65 days before the crop is mature.

The plant would stop producing any more Tillers and leaves.

The energy would be used for the development of the Panicles.

The Primordia would be formed at the highest node.

It looks like a small feather and is enclosed by the flag leaf.

The flag leaf and 2nd leaf will produce most of the food for the plant during the reproductive stage.

The internodes of the stem would elongate resulting in rapid increase in the height of the plant.

The stem becomes soft and sweet tasting during elongation and is very susceptible to attack by stem borer.

At this stage the final yield is largely determined.

The size of the Panicle and number of grains are fixed at Primordia.

The booting stage is the period when the Primordia is being developed to become the panicle. It grows inside the leaf sheath.

At this stage the plant becomes swollen with the developing panicle.

The flowers of the panicle are still young and tender and not yet fertilized.

The quality of the flower parts and pollen quality are determined at this stage.

Management Consideration

Water in the Field is necessary for Primordia Development.

The addition of Fertilizer (Urea) at Primordia is important for increased yield.

Check Field for Stem Borers.

Do not spray crop with weedicides during these stages. They could affect the development of the Panicle. Control of weeds after Primordia would not result in any increase in yield.

Notes



GUYANA RICE DEVELOPMENT BOARD

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**THINGS YOU SHOULD KNOW
ABOUT PRIMORDIA AND
BOOTING STAGES IN RICE
PRODUCTION**

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