The variety CR Dhan 409 (Pradhan Dhan) is recommended for cultivation in the rainfed areas with a rainfall of 1000-1200 mm. It is grown in kharif season across the major rice-growing areas of India. The variety is adapted to a wide range of soil types and is resistant to several pests and diseases. It has a short and sturdy plant architecture, making it suitable for mechanized rice production. The grain yield potential of CR Dhan 409 is high, with yields ranging from 5 to 7 tons per hectare under favorable conditions. The variety also has a good grain quality, with a high amylose content and a soft texture. Overall, CR Dhan 409 is an excellent choice for farmers looking to increase their productivity and income.
This is a post-emergence herbicide and can be applied after 12 days of sowing.

**Weed Management**

- For control of mono-gramses, sedges and broad leaf weeds.
- Spray herbicide Bispyralin Sodium at the rate of 30 g/ha in direct seeded type.
- Seeding

Weeding operations are to be completed which is around 45-60 days after sowing.

**Fertilizer Management**

- Sow the seeds at 25-30 days after sowing.
- Harvest the crop at 5.25 to 6.25 tons per hectare.
- Rain moisture content for seed purpose and up to 14% moisture for milling.
- Harvest the crop at 25-30 days after sowing.
- Try to harvest the crop immediately after harvesting and dry gradually under shade up to 12%.

**Harvesting**

- Bavaisan at 0.4% Dilution M/4 or 0.1% HNO3.
- After raising the crop, minimize the disease by foliar spray of 0.5% - 0.1% Bavaisan
- The seeds in 0.5% - 0.1% Bavaisan for 20 minutes before sowing.
- Controlling bacterial leaf blight disease. For controlling sheath blight disease, soak
- Bavaisan and fungicides (19) in one litre of water for
- Diseases

- 50 ml Bavaisan.
- At least 25 kg/ha on the basis of Economic Threshold Level (ETL) 
- Bavaisan and fungicides (19) at the rate of 35 kg/ha or Carlap 45 at the
- Water level reduces fungi/microbial activities at the rate of 0.5 kg/ha of Bavaisan
- Best
- Bavaisan at the rate of 0.0001 M/4 to 0.00001 M/4 is recommended for control of the
- Use of bio-control method is preferable. Reference of fungicides is
- For controlling the insect attack, spray is not feasible due to deplorable status.

**Insect Pests**

**Post and Disease Management**

- Change哈利
- It is a rainfed crop. Rain water should be managed with proper field bunding and
- Water Management

**Seed Selection**

- Package of OR Dhan 490
- For dry conditions, germination by seedling seeds from a
easy germination with more than 80%