

Cereal

Wheat, Barley, Oates

Origin: South-eastern Europe, South-western Asia

Edible Portion: Grain

SOWING AND PLANTING

Climatic Requirements: Provided the correct variety is selected, Wheat is adapted to a wide range of climates. It is a frost tolerant crop, down to Snow, however, it prefers averages of 25degrees to mature. Weather comfortable to humans is also good for wheat

Preferred Soil Type: Most soils with organic matter.

Seed Required: 90kg/ha

Optimum Soil Temperature Range for Germination: 20.0-25.0°C Area's with low humidity are better for wheat as many diseases thrive in damp weather

Emergence Time: 5-15 days, optimum 6 days.

Plant Spacing: In rows 15.0-30.0cm,

Planting Depth; 50-70mm

Plants per Hectare: 700000/ha or 70 plants, m2

Sowing Dates: Autumn sown – Summer Harvest

Other Sowing and Planting Information:

FERTILISER

General: Optimising of fertiliser applications is necessary if top quality and maximum returns are to be achieved.

Optimum Soil Test Levels: N = 25-50, P = 15-25, Zn= 0.5-2, S = 8-10, Ca = 10-15, Cu = 1-2

Seed Dressing (4Lt/Tonne): Cereal – Zn = 40.0,Cu = 40.0, Fulvic

Side Dressing (kg/ha): Main Cereal crops and cool growing conditions – N = 50. Apply at 8-10weeks after planting, or when crop is at boot stage are 20-50cm in height

Trace Elements: Zinc Copper Boron – Where a deficiency is proven an application of Trace elements will be sufficient to correct this in following seasons.



Safe Fertilisers

66 Chum St Dinmore, QLD. 4303

Ph: (07) 3282 0801 Fax: (07) 3282 0501 Email: neville@safefertilisers.com.au

Safe Fertilisers – Crop Info



Program Guide:

Seed Coating; Vital Phos @ 4lt/tonne of seed with sufficient water to ensure adequate coating of the seed.

Ground preparation:

Apply; 1 tonne/ha Lime **or** Liquid Lime @ 20lt/ha in 300lt/water

Pre Plant

Apply 50 Kg/Ha Safe Coated Urea

Apply 10lt/ha Vital Activator, Boomspray with 200lt/ha water

At Planting

Option 1; Apply 75 Kg/Ha DAP Supablend

With 5lt/ha Vital Phos in 200lt water Boomsprayed onto soil before planting

Option 2; Apply 200kg/ha CBM

With 5lt/ha Vital Phos in 200lt water Boomsprayed onto soil before planting

In Crop Fertiliser requirements:

Nitrogen:

Use 40kg/ha Safe Fertilisers Coated Urea side dress, or spread over the top by spinner or aerial application

Or foliar spray 10lt /ha Vital Mix in 100lt water

Multi Nutrients:

4Lt/Ha Vital K Blast to finish the crop off

This can be folia sprayed, aerial applied or put through an irrigation system.

Post Harvest

Stubble Management

Vital Activator

General Notice

Safe Fertilisers highly recommend soil testing regime to commence at this stage. Subsequent soil fertility program should be formulated with Safe Fertiliser representative.

The above mentioned application rates can be adjusted to what is economical. These adjustments may not provide the ideal nutrient ratios but should replace some of the nutrients that are removed by the crop.

Neville Janke

Horticulturist/ Agronomist

neville@safefertilisers.com.au

Disclaimer

The above program will be affected by soil variation, testing errors, seasonal factors and management skills. Any recommendation should be acted upon as part of an ongoing fertiliser program. No responsibility can be accepted for any of the above matters or other matters that are beyond our control.

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