

# COMET



## OATS

### VARIETY ATTRIBUTES

#### Key features

- Semi erect variety which is resistant to most strains of leaf rust (see opposite side)
- Establishes in warmer soils (up to 28°C) more readily than most varieties
- Ideal for early plantings for high quality autumn feed
- High dry matter production under dryland and irrigated conditions
- It will maintain vegetative growth well into late spring
- Ideal companion to Drover to complete your oats program
- Suitable for grazing and hay production

#### Plant type

Comet is a semi erect forage oats variety providing quick early feed. Under favourable growing conditions Comet will produce for multiple grazings.

#### Grazing management

Comet is ideally suited to cattle, particularly in a continuous grazing situation. For best results in a rotational grazing system it should not be grazed below the growing point located just above the highest node. Heavy grazing will result in poor regrowth. However, frequent grazing will help crop performance and minimise leaf rust development.

#### Dryland planting rates

|                  |             |
|------------------|-------------|
| CQ & Western Qld | 25-40 kg/ha |
| Southern Qld     | 40-60 kg/ha |
| N & C NSW        | 40-60 kg/ha |
| S NSW & Vic      | 60-80 kg/ha |

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|                       |              |
|-----------------------|--------------|
| Maturity              | Late         |
| Plant Type            | Semi-erect   |
| Leaf rust reaction    | Resistant#   |
| Time to first grazing | Medium-Quick |
| Don't graze below     | 10 - 15cm    |
| Early winter feed     | ****         |
| Winter Feed           | ***          |
| Spring Feed           | ****         |
| Grazing - Cattle      | Very Good    |
| - Sheep               | Good         |
| - Horses              | Very Good    |

#Pathotype dependent see table opposite page

#### Soil temperature requirement

A major factor affecting the successful germination and establishment of oats is soil temperature. With early autumn sowing, warm soil may prevent seed from germinating. Laboratory tests and field experience have shown effective germination and establishment with maximum soil temperatures up to 28°C.

# OATS

## OATS VARIETY ATTRIBUTES COMPARISON

| NAME         | Maturity    | Plant Type        | Leaf Rust       | Time to first grazing | Autumn/Early winter feed | Winter feed | Spring feed |
|--------------|-------------|-------------------|-----------------|-----------------------|--------------------------|-------------|-------------|
| DROVER       | Med/Late    | Intermediate      | See table below | Medium                | ***                      | ****        | ****        |
| <b>COMET</b> | <b>Late</b> | <b>Semi-Erect</b> |                 | <b>Med/Quick</b>      | <b>****</b>              | <b>***</b>  | <b>****</b> |
| SABRE        | Late        | Intermediate      |                 | Med/Quick             | ****                     | ***         | ****        |
| RAPTOR       | Early       | Semi-Erect        |                 | Quick                 | ****                     | ****        | ***         |

| LEAF RUST PATHOTYPE |          |          |          |          |          |          |          |
|---------------------|----------|----------|----------|----------|----------|----------|----------|
| NAME                | 567      | 605      | 609      | 624      | 636      | 642      | 684      |
| DROVER              | R        | R        | R        | S        | S        | S        | S        |
| <b>COMET</b>        | <b>R</b> | <b>R</b> | <b>R</b> | <b>R</b> | <b>R</b> | <b>R</b> | <b>S</b> |
| SABRE               | R        | R        | R        | R        | R        | R        | R        |
| RAPTOR              | R        | R        | R        | MR       | MR       | MR       | MR       |

Leaf rust scoring carried out on seedlings by the University of Sydney - Plant Breeding Institute.