



Food Oat Production Recommendations

Planting:

- Plant as soon as ground conditions permit field operations.
- **Fields with any history of wild oats must be avoided;** no control options.
- Fields must have very low quack and annual grass pressure; no control options.
- **Do not** plant oats in fields where Pursuit herbicide was used the previous year.

Seeding Rates:

- 105 lbs. or approximately 1.3 million seeds/acre, if the crop is not under seeded; reduce the seeding rate by approximately 20% if the crop is under-seeded.
- Under-seeding food grade oats is not recommended. If planting is delayed, increase the rate since tillering may be reduced.

Fertility:

- 40 to 50 lbs per acre of actual available Nitrogen is adequate.
- Reduce the rate appropriately on 'rich' soils or if manure has been applied.
- When following corn, increase N rates in order to compensate for the nitrogen required to break down the stalks.
- A "pop up" fertilizer should be used at planting for improved seedling growth
- 30lbs of P and 60 lbs/ac of K should be applied to soils testing medium or lower. Soils low in Manganese or Copper may require addition of these micronutrients.

Weed control:

- Avoid fields with high grass pressure as there is no effective chemical control method.
- The phenoxy herbicides are effective on broadleaf weeds. Avoid mixing Buctryl M with a herbicide. Refine Extra should be used with caution on small seedlings.
- Consult product labels for use limitations and effectiveness on target weeds. Fields that were treated with Pursuit, or products that contain imazethapyr as an active ingredient, in the previous crop year, should be avoided to prevent herbicide injury.

Leaf Diseases:

- New oat varieties have very good genetics, but may become susceptible to Crown Rust disease. A fungicide should be applied after the flag leaf has emerged but before the head is emerged in order to maintain protection through the grain filling period.
- Controlling leaf disease is the most important step to achieving good grain test weight

Harvest:

- Oats should be harvested when the grain is mature; even though the straw maybe damp.
- **Combine must be 'triple rinsed' with the contracted crop and used for feed.**
- **All handling equipment must be cleaned down to avoid other crop contamination.**
- **Handling equipment must not have been in contact with treated seed.**
- **Bright colour, heavy test weight; keep stones, dirtballs and other crop contamination within tolerances and avoiding an off-smell are very important.**

The following document needs to be completed:

"Wintermar Grains Grower Information, Quality Checklist and Acreage Commitment Form" WG.04.01.DOC01

For more information contact Wintermar Grains at 519-664-3701, seeds@cribit.com or check our website, www.cribit.com