

BLACK OATS

SAIA

OVERVIEW

Black Oats or Saia Oats is one of the worlds oldest cover crops. Planted specifically for its high production of biomass both above and below the soil, it is vitally important in increasing the organic and carbon content of your soil.

Best planted April/May and inter-planting of vetch will produce some of the largest volumes of biomass that can be used as a green manure, mulch or as feedstock.

Due to its high tillering ability it also serves as an excellent weed suppressor. It has a long growing season with very good disease resistance. Saia is a hardy oats that is well adapted to sandy soils.

SAIA is a double purpose Black Oats for both animal grazing and a cover crop. The variety has a very good phytosanitary effect in terms of soil health and nematode suppression.

The flowering period is usually by the end of October in most conditions, if planted in April.

Oats has the characteristics of germinating very quickly and to beat the weed species growing in the same area. In addition to this, oats releases an allelopathic compound (plant made chemicals) that hinders the germination and growth of weeds for several weeks.

Black oats are a separate oat species with a different nutritional composition than the usual white oats. There is about 50 percent more unsaturated fat and 15 percent less carbohydrates in black oats than in regular white oats.

Oats provide quick, weed-suppressing biomass, take up excess soil nutrients and can improve the productivity of legumes when planted in mixtures.

- Sowing rates should not exceed 60kg /ha.
- Long growing cycle gives longer grazing period
- Cover crop: 30 - 40 Kg/Ha
- Average plant height: 1.55m
- Forage production: 7 - 9 tons DM/Ha



The cover's fibrous root system also holds soil during cool-weather gaps in rotations, and the ground cover provides a mellow mulch before low-till or no-till crops