

3.1.5 Triticale

Researchers: • David Jamieson & Bill Walker – (farmer co-operators)
• Kath Cooper - Uni. of Adelaide
• Una Allender – SFS

Locations: “Bolac Plains”, Woorndoo and Back Bolac Road, Willaura

Aim:
To compare the performance & suitability of several Triticale varieties in the Streatham Branch area.

Method:
Large plots of several Triticale varieties were sown, monitored and harvested by the farmer co-operators using their own sowing and harvesting equipment. Yields were measured using the header monitor. Samples sent for analysis.

Varieties trialled:

Abacus:

Seed source – Gorst Rural Supplies, Lake Bolac
Later maturing and therefore best suited to early sowing opportunities. Well adapted to high rainfall, acid soil sites. More tolerant of water-logging than red wheat. Good choice for traditional grazing areas of Western Vic..

Tahara:

Seed source - Bill Walker, Willaura
Medium season, fully CCN-resistant. Most widely grown in SA & Vic. Reliable yields. Likely to lodge in high rainfall, high productivity environments

Jackie:

Seed source – Stewart Freudenstein, Young, NSW.
Dual purpose variety. In NSW this variety is sown early, undersown with lucerne & clover, grazed until mid August, shut up for harvest, yields of up to 2.8 t/ha obtained

ISR499-74 & TX94-88B:

Seed source – Streatham trial plots “Bolac Plains” 2001. These lines selected by Kath Cooper for farmer size trial.

Results:

**Note that table contains raw data obtained from header monitors at each site – t/ha*

	Abacus	Tahara	Jackie	ISR499-74	TX94-88B
Woorndoo Sown 30/5/01 Harvest 2/02 100kg/ha MAP 100kg/ha	6.8	3.3	5.3	5.1	6.3
Willaura Sown 6/6/01 Harvest 2/02 120kg/ha MAP 110kg/ha	6.3	4.8	6.0	not sown	not sown

Comments from farmer co-operators:

David Jamieson / Woorndoo:

“Sown using John Shearer Trash Cultivator Combine into a min. till seed bed. Harvested 3-4 weeks late because of wet weather. Tahara lodged and was difficult to harvest.

Wouldn't sow Tahara or Jackie again but keen to try the other varieties again.”

Bill Walker / Willaura:

“Wouldn't sow Jackie or Tahara again. Both finished late and Jackie grew like winter wheat – low growing and non-competitive. Will try Abacus again – this benefited from the cool finish. Both Abacus and Tahara showed early vigour and out-competed weeds – useful as a break crop.”